INDUSTRIAL PLUGS, SOCKETS & ENCLOSURES

PRODUCT TECHNICAL GUIDE

POWERED BY SPECIALISTS

L┐ legrand®

Global strength

built on local knowledge

Legrand is the global specialist in electrical and digital building infrastructures. Innovation is the driving force behind its development.

With an increasing investment in research and development (circa 5% of sales) and more than 3,700 active patents, the Legrand Group is focused on maintaining a high rate of new product launches that present innovative solutions to the market.

CORPORATE SOCIAL RESPONSIBILITY

Legrand's CSR roadmap is a natural extension to the governance and sustainable development approach in which the company has been engaged for many years. The CSR roadmap firmly asserts Legrand's ongoing commitment to sustainable development.

Respect human rights and communities
Ensure health, safety and well-being
Develop skills
Promote equal opportunity and diversity

Mitigate climate change
Innovate for the circular economy
Prevent pollution

Provide sustainable solutions
Ensure sustainable procurement
Act ethically

![legrand](legrand logo)

PRODUCT SELECTION

CONTENTS

LEGRAND
the cable management expert

Complete cable management solutions...

Using its global strength and market leading position, Legrand has developed a complete range of cable management solutions, including:

- Swifts cable ladder and cable tray
- Salamandre distribution trunking and lighting trunking
- Cablofil steel wire cable tray
- Floor and perimeter systems
- Enclosures and equipment
- Plugs, sockets and combination units
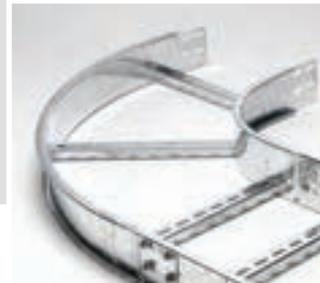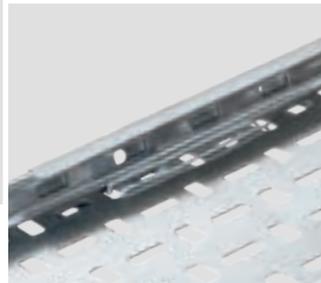
Supporting you and your project

With in-depth knowledge and experience, our expert cable management team provides you with the support and advice you need for your installation. We also offer a range of free CPD seminars and a wealth of resources are available on our website to help you with your project.

You will find the following helpful items on our website, www.legrand.co.uk:

- BIM files and Product Data Sheets (PDSs)
- CPD accredited seminars
- Product technical guides
- PEPs (Product Environmental Profiles)
- 'How to' videos and CGIs demonstrating our product ranges

FIND OUT MORE...
www.legrand.co.uk

![legrand]

UK MANUFACTURING

In the UK we manufacture approximately 80% of everything we sell, which means we have local expertise in research and development, design, production and technical support. Our in-house design team offers a bespoke product service ('specials') which provides unique solutions to the most challenging of projects.

UK manufactured ranges include:

• Salamandre distribution trunking
• Swifts cable tray
• Swifts cable ladder
• Floor boxes

MANUFACTURED IN THE UK

SWIFTS CABLE LADDER
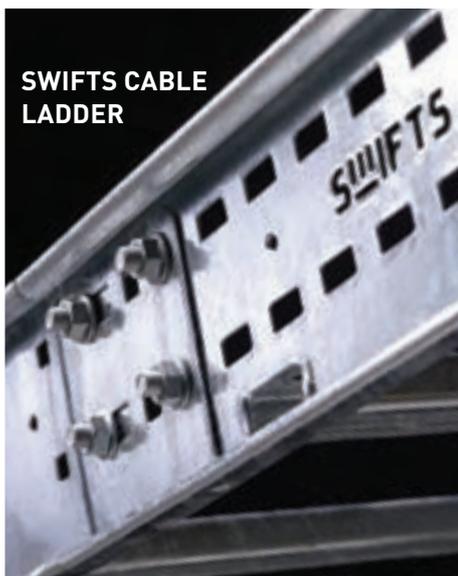
SWIFTS CABLE TRAY
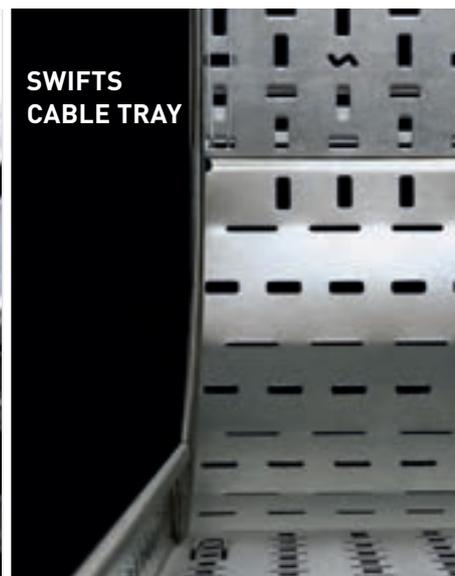
SALAMANDRE DISTRIBUTION TRUNKING

CABLOFIL STEEL WIRE CABLE TRAY

Industrial plugs & sockets

See the full range on pages 80 - 127.

The right
enclosure
for your environment

Legrand's range of industrial enclosures has been designed to the highest specification, providing the user with much more than just a box!

METAL ENCLOSURES

Atlantic
Suitable for non-corrosive commercial and industrial environments.

FEATURES
- Full range of 27 sizes
- Complete with removable mounting plate
- Optional heavy duty mounting brackets
- Dual locks on larger sizes

TECH DATA
IP 66 in accordance with IEC EN 60529
IK 10 in accordance with IEC EN 62262

STAINLESS STEEL ENCLOSURES

Atlantic
Suitable for corrosive environments and those requiring rigorous hygiene (e.g. food industry).

FEATURES
- Available in 8 sizes
- 304L grade steel
- Reversible enclosure with rounded door and protective flange
- Double bar locks

TECH DATA
IP 66 in accordance with IEC EN 60529
IK 10 in accordance with IEC EN 62262
Nema 4x

All the kit
you need for your enclosure

Tailor your enclosure to the exact requirements of an installation with Legrand's wide selection of equipment, including plain and perforated plates, insulated modular chassis and internal doors, heating, ventilation and locking devices.

GRP ENCLOSURES

Marina
Suitable for saline atmospheres or other corrosive environments.

FEATURES
- Available in 11 sizes
- Wall mounting and free standing options
- Reversible plain or glass window door - 180° opening
- Dual locks on larger sizes

TECH DATA
IP 66 in accordance with IEC EN 60529
IK 10 in accordance with IEC EN 62262

WEATHERPROOF ENCLOSURES

Plexo³
Suitable for a multitude of indoor and outdoor applications.

FEATURES
- Available in 11 sizes
- Fully reversible door and enclosure
- Lockable door handle
- Sealable cover and face plate
- Optimised cable runs and organisation

TECH DATA
IP 65 in accordance with IEC EN 60529
IK 09 in accordance with IEC EN 62262
Conform to EN 60439-3

WEATHERPROOF BOXES

Plexo 55 / Plexo 66
Suitable for a multitude of indoor and outdoor applications.

FEATURES
- Quarter turn fixings
- Halogen free option
- Plain and transparent cover options
- Rail or plain plate equipment mounting

TECH DATA
IP 55 / 66 in accordance with IEC EN 60529
IK 07 / 08 in accordance with IEC EN 62262
Polycarbonate, polypropylene, PVC and polystyrene boxes

Seamless integration with Legrand's extended family

With high quality products throughout its product portfolio, Legrand is in an unbeatable position... offering integrated solutions designed to meet your needs whatever the budget or installation requirements.

Protection devices
www.legrand.co.uk

Viking 3 terminals
see p. 48 to 67

Starfix ferrules & tools
see p. 78 to 79

Transcab open slot panel trunking
see p. 44 to 47

Atlantic, Atlantic stainless steel and Marina enclosures

equipment selection chart

EXTERNAL DIMENSIONS			ATLANTIC ENCLOSURES (p. 10) METAL IP 66 - IK 10 (1 door) IP 55 - IK 10 (2 doors)		ATLANTIC STAINLESS STEEL ENCLOSURES (p. 14) STAINLESS STEEL 304L IP 66 - IK 10 (1 door)	MARINA ENCLOSURES (p. 16) WALL MOUNTING		FREE STANDING
Shapes	H (mm)	W (mm)	D (mm)	RAL 7035 supplied with plain plate	RAL 7035 with glass door	304L	GREY RAL 7035	GREY RAL 7035 with window	GREY RAL 7035
Vertical version	300	200	160	0369 10[1]	–	0352 00[3]	0362 50	–	–
	400	300	160	0369 12[1]	–	–	–	–	–
	500	400	160	0369 13[1]	–	–	–	–	–
	400	300	200	0369 17	0369 27	0352 01	0362 51	0362 71	–
	500	400	200	0369 18	0369 28	0352 02	0362 52	0362 72	–
	600	400	200	0369 19	0369 29	0352 03	–	–	–
	600	500	200	0369 20	–	–	–	–	–
	700	500	200	0369 21	–	–	–	–	–
	500	400	250	0369 25	–	–	–	–	–
	600	400	250	0369 26	0369 36	0352 05	0362 55	0362 75	–
	700	500	250	0369 30	0369 40	0352 06	0362 56	0362 76	–
	800	600	250	0369 31	0369 41	–	–	–	–
	1000	600	250	0369 32	–	–	–	–	–
	1000	800	250	0369 33	–	–	–	–	–
	800	600	300	0369 37	0369 47	0352 11	0362 61	0362 81	–
	1000	600	300	0369 38	0369 48	–	–	–	–
	1000	800	300	0369 39	0369 49	0352 13	0362 63	–	–
	1200	600	300	0369 42	–	–	–	–	–
	1200	800	300	0369 43	–	–	0362 64	–	–
	800	600	400	0369 44	–	–	–	–	–
	1000	800	400	0369 45	–	–	–	–	–
	1200	800	400	0369 46	0369 56	–	–	–	–
	1400	800	400	0369 50	0369 60	–	–	–	–
	1460	800	463	–	–	–	–	–	0362 85
	1660	800	463	–	–	–	–	–	0362 86
	1860	800	463	–	–	–	–	–	0362 87
Square version	300	300	160	0369 51[1]	–	–	–	–	–
	300	300	200	0369 55	–	–	–	–	–
	400	400	200	0369 57	–	–	–	–	–
	500	500	200	0369 59	–	–	–	–	–
	500	500	250	0369 62	–	–	–	–	–
	600	600	250	0369 64	0369 74	–	–	–	–
	800	800	300	0369 68	–	–	–	–	–
	600	600	400	0369 72	–	–	–	–	–
Horizontal version	300	400	160	0369 11[1]	–	–	–	–	–
	300	400	200	0369 75	–	–	–	–	–
	400	600	200	0369 76	–	–	–	–	–
	400	600	250	0369 77	–	–	–	–	–
	600	800	300	0369 78[2]	–	–	–	–	–
	600	1000	300	0369 79[2]	–	–	–	–	–
	800	1000	300	0369 80[2]	–	–	–	–	–
	1000	1200	300	0369 81[2]	–	–	–	–	–

1 : Without cable entries plate
2 : 2 doors
3 : Supplied with plain plate
4 : Usable area: 800 x 640 mm
5 : Use kit Cat.No. 0364 98 (p. 11) for direct mounting on Marina cabinets

EQUIPMENT (p. 21)											ASSOCIATED PRODUCTS
Plain plates	Lina 12.5 plates	Perforated plates Lina 25	Sectioned uprights Lina 25	Crosspieces rails	Insulated modular chassis	Metal internal doors	Insulated internal doors (+ Cat.No. 0363 69 for mounting)	Roofs	Plinths	IP 55 Cabstop plate Direct mounting on Atlantic enclosure opening[5]	
0360 50	0360 00	0360 07	0361 50	–	–	–	–	–	–	–	**Kit Cat.No. 0364 98 for mounting Cabstop plate on plain surface** (p. 11)
0360 52	0360 04	0360 12	0361 51	0367 80	–	0363 15	0363 59	–	–	–	
0360 55	0360 09	0360 15	0361 52	0367 81	–	0363 16	0363 60	–	–	–	
0360 52	0360 04	0360 12	0361 51	0367 80	0361 01	0363 15	0363 59	0365 51	–	0364 94	**Document holders** (p. 24)
0360 55	0360 09	0360 15	0361 52	0367 81	0361 02	0363 16	0363 60	0365 52	–	0364 95	
0360 56	0360 22	0360 16	0361 53	0367 81	–	0363 17	0363 61	0365 52	–	0364 95	
0360 84	–	–	0361 53	0367 82	–	–	–	0365 67	–	0364 97	
0360 58	0360 31	0360 18	0361 54	0367 82	–	0363 18	0363 62	0365 67	–	0364 97	
0360 55	0360 09	0360 15	0361 52	0367 81	–	0363 16	0363 60	0365 53	–	0364 95	**Locking accessories** (p. 26)
0360 56	0360 22	0360 16	0361 53	0367 81	0361 03	0363 17	0363 61[5]	0365 53	–	0364 95	
0360 58	0360 31	0360 18	0361 54	0367 82	0361 05	0363 18	0363 62	0365 64	–	0364 96	
0360 59	0360 33	0360 19	0361 55	0367 83	–	0363 19	0363 63	0365 54	–	0364 97	
0360 54	0360 40	0360 23	0361 56	0367 83	–	0363 20	–	0365 54	–	0364 97	
0360 61	0360 42	0360 21	0361 56	0367 84	–	0363 21	0363 63	–	–	0364 97	
0360 59	0360 33	0360 19	0361 55	0367 83	0361 06	0363 19	0363 63	0365 56	0363 00	0364 97	
0360 54	0360 40	0360 23	0361 56	0367 83	–	0363 20	–	0365 56	0363 00	0364 97	
0360 61	0360 42	0360 21	0361 56	0367 84	0361 09	0363 21	0363 64	0365 57	0363 01	0364 97	**Ventilation kits** (p. 27)
0360 85	–	–	0361 58	0367 83	–	0363 22	–	–	0363 00	0364 97	
0360 64	0360 46	0360 87	0361 58	0367 84	0361 10	0363 23	0363 65	0365 57	0363 01	0364 97	
0360 59	0360 33	0360 19	0361 55	0367 83	–	0363 19	0363 63	–	–	0364 97	
0360 61	0360 42	0360 21	0361 56	0367 84	–	0363 21	0363 64	–	–	0364 97	
0360 64	0360 46	0360 87	0361 58	0367 84	–	0363 23	0363 65[4]	–	–	0364 97	
0360 67	0360 75	0360 90	0361 59	0367 84	–	–	–	–	–	0364 97	**Heaters and thermostat** (p.29)
–	–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	–	
–	–	–	–	–	–	–	–	–	–	–	
0360 69	0360 02	0360 91	0361 50	0367 80	–	–	–	–	–	–	
0360 69	0360 02	0360 91	0361 50	0367 80	–	–	–	0365 51	–	0364 94	
0360 70	0360 05	0360 92	0361 51	0367 81	–	–	–	0365 52	–	0364 95	
0360 71	0360 14	0360 93	0361 52	0367 82	–	–	–	0365 67	–	0364 97	
0360 71	0360 14	0360 93	0361 52	0367 82	–	–	–	0365 64	–	0364 96	
0360 57	0360 24	0360 17	0361 53	0367 83	–	–	–	0365 54	–	0364 97	
0360 60	0360 34	0360 20	0361 55	0367 84	–	–	–	0365 57	0363 01	0364 97	**Chassis kits** (p. 23)
0360 57	0360 24	0360 17	0361 53	0367 83	–	–	–	–	–	0364 97	
0360 52	0360 04	0360 11	0361 50	0367 81	–	–	–	–	–	–	
0360 52	0360 04	0360 11	0361 50	0367 81	–	–	–	0365 52	–	0364 95	
0360 56	0360 22	0360 13	0361 51	0367 83	–	–	–	0365 68	–	0364 97	
0360 56	0360 22	0360 13	0361 51	0367 83	–	–	–	0365 54	–	0364 97	
0360 59	0360 33	0360 06	0361 53	0367 84	–	–	–	0365 57	0363 01	0364 97	
0360 54	0360 40	0360 08	0361 53	–	–	–	–	–	–	2 x 0364 96	
0360 61	0360 42	0360 94	0361 55	–	–	–	–	–	–	2 x 0364 96	
0360 65	0360 47	0360 10	0361 56	–	–	–	–	–	–	2 x 0364 97	

ATLANTIC ENCLOSURES

The weatherproof seal and strength of Atlantic metal enclosures means they are suitable for use on a wide range of sites - commercial and industrial. With excellent resistance to corrosion and chemicals, Atlantic enclosures are the **ideal solution for environments with rigorous hygiene requirements.**

WEATHERPROOF SEAL

Polyurethane seal for total weatherproofing of the enclosure – IP 66 (or IP 55 for 2-door enclosures).

REVERSIBLE DOOR

Easy to remove, with metal hinges and pins treated with high-performance anti-corrosion coating to provide strength that is guaranteed to last.

Opens to 130° for easier access into the enclosure.

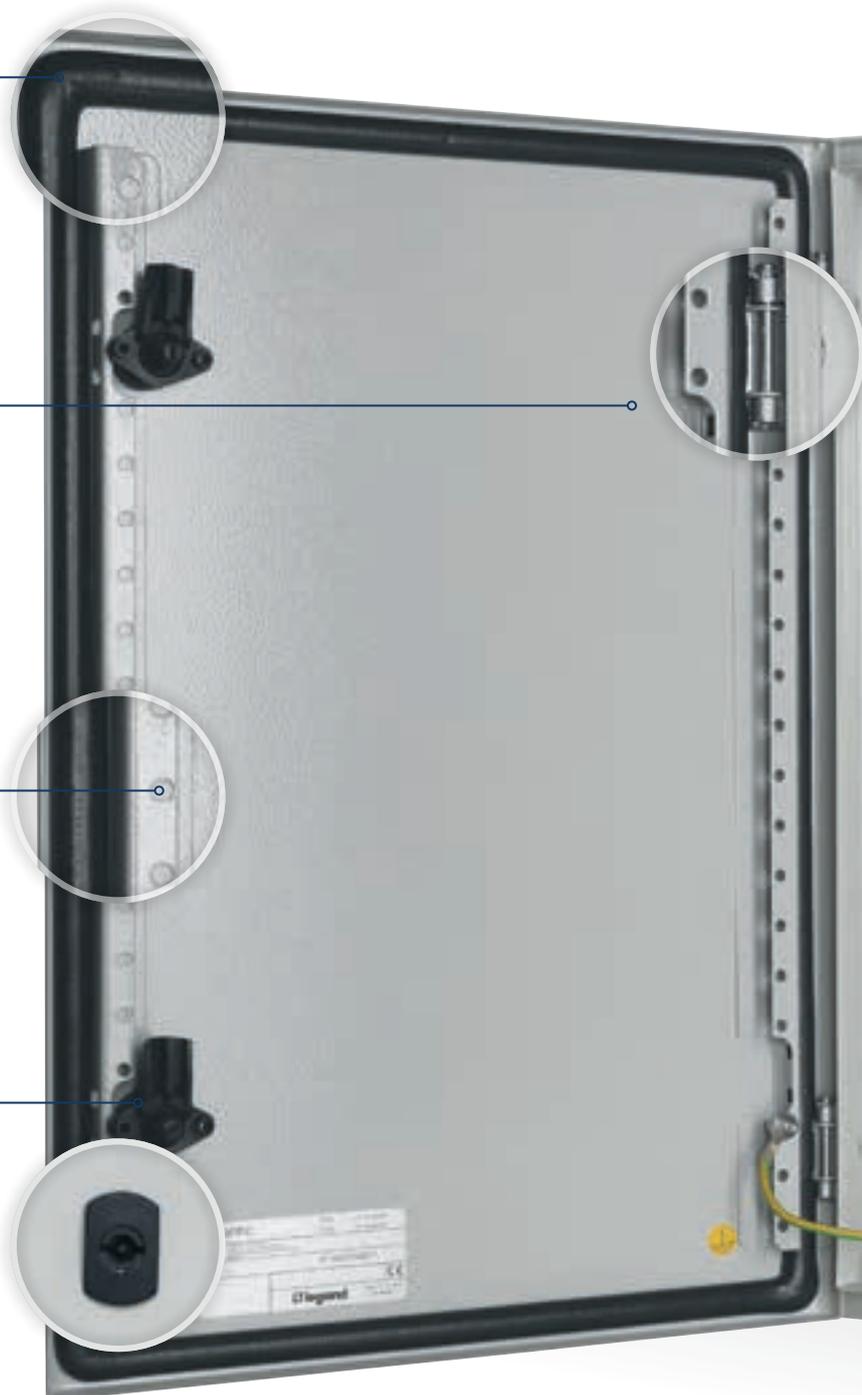## SECTIONED UPRIGHTS

For greater **door rigidity**.

Makes it easier to mount equipment (Lina rails or perforated ducting) and **manage cables**.

DOUBLE BAR LOCK

For more effective closing and to ensure a totally weatherproof seal.

Enclosure supplied with double bar key. Other types of barrel or insert are available as options.

Save installation time

Supplied ready to use with a removable plain plate[1] and cable entry plate (not fitted).
1 catalogue number = 1 complete enclosure.

Scalable and multi-use

Atlantic metal enclosures can be equipped with a wide range of accessories to meet your site requirements, simplify your work and save you time.

REMOVABLE PLAIN PLATE (SUPPLIED WITH THE ENCLOSURE[2])

Provides maximum usable space and makes it easier to fix equipment directly.
Can be replaced by ready to use chassis or perforated plates.

The enclosure can be equipped with runners to adjust the usable depth.

REMOVABLE CABLE ENTRY PLATE

With polyurethane seals to make it fully weatherproof. Aligned with the base of the enclosure for a high-quality finish. Can be equipped with cable glands or replaced by a Cabstop plate to optimise cable entry, which helps save a great deal of installation time and provides good tensile resistance.

↗ Cabstop plate

1 : Plain door enclosures only
2 : Not fitted. Supplied with plain door enclosures only

Atlantic metal enclosures

IP 55/IP 66 - IK 10 - Type 4x - Type 12

0369 19   0369 28   0369 79   0365 53

Enclosure and equipment selection chart **p. 6-7**
Technical information and dimensions **p. 12**

IP 66 according to standards IEC EN 60529 for 1-door enclosures - IP 55 according to standards IEC EN 60529 for 2-door enclosures
IK 10 according to standards IEC EN 62262
Excellent resistance to corrosion and chemical agents
80 µm thick textured polyester coating. Anti-corrosion treatment for hinges and pins
Reversible door - Fitted with lever
Double bar lock - Self-centering positioning system for the equipment
Compatible with all Atlantic accessories

Metal enclosures

Vertical version

Pack	Cat. Nos. Metal door	Cat. Nos. Glass door	External dimensions (mm) Height x Width x Depth	Number of doors	Weight (kg)
1	0369 10[1]		300 x 200 x 160	1	3.9
1	0369 12[1]		400 x 300 x 160	1	6.3
1	0369 13		500 x 400 x 160	1	10.3
1	0369 17	0369 27	400 x 300 x 200	1	6.9
1	0369 18	0369 28	500 x 400 x 200	1	11.2
1	0369 19	0369 29	600 x 400 x 200	1	13
1	0369 20		600 x 500 x 200	1	16.8
1	0369 21		700 x 500 x 200	1	20.3
1	0369 25		500 x 400 x 250	1	13.2
1	0369 26	0369 36	600 x 400 x 250	1	14
1	0369 30	0369 40	700 x 500 x 250	1	23.8
1	0369 31	0369 41	800 x 600 x 250	1	30.9
1	0369 32		1000 x 600 x 250	1	44.5
1	0369 33		1000 x 800 x 250	1	49.5
1	0369 37	0369 47	800 x 600 x 300	1	32
1	0369 38	0369 48	1000 x 600 x 300	1	45
1	0369 39	0369 49	1000 x 800 x 300	1	56.9
1	0369 42		1200 x 600 x 300	1	50.4
1	0369 43		1200 x 800 x 300	1	67
1	0369 44		800 x 600 x 400	1	41.6
1	0369 45		1000 x 800 x 400	1	63.5
1	0369 46	0369 56	1200 x 800 x 400	1	73.6
1	0369 50	0369 60	1400 x 800 x 400	1	81.6

Square version

Pack	Cat. Nos. Metal door	Cat. Nos. Glass door	External dimensions (mm) Height x Width x Depth	Number of doors	Weight (kg)
1	0369 51[1]		300 x 300 x 160	1	4.8
1	0369 55		300 x 300 x 200	1	5.6
1	0369 57		400 x 400 x 200	1	8.7
1	0369 59		500 x 500 x 200	1	13.6
1	0369 62		500 x 500 x 250	1	15.2
1	0369 64	0369 74	600 x 600 x 250	1	22.8
1	0369 68		800 x 800 x 300	1	48
1	0369 72		600 x 600 x 400	1	33.5

Horizontal version

Pack	Cat. Nos. Metal door	Cat. Nos. Glass door	External dimensions (mm) Height x Width x Depth	Number of doors	Weight (kg)
1	0369 11[1]		300 x 400 x 160	1	6.2
1	0369 75		300 x 400 x 200	1	6.9
1	0369 76		400 x 600 x 200	1	13
1	0369 77		400 x 600 x 250	1	14
1	0369 78		600 x 800 x 300	2	38.4
1	0369 79		600 x 1000 x 300	2	47.4
1	0369 80		800 x 1000 x 300	2	59.7
1	0369 81		1000 x 1200 x 300	2	85.7

1 : Without cable entries plate

Roofs RAL 7035

Steel
Possible adjustment ± 20 mm (front or back)

Pack	Cat. Nos.	For enclosures Width (mm)	Depth (mm)	Weight (kg)
1	0365 51	300	200	1.2
1	0365 52	400	200	1.4
1	0365 67	500	200	1.8
1	0365 68	600	200	2.1
1	0365 53	400	250	1.8
1	0365 64	500	250	2
1	0365 54	600	250	2.5
1	0365 56	600	300	3
1	0365 57	800	300	3.6

Plinths RAL 7021

Height 200 mm
Front and rear trap door

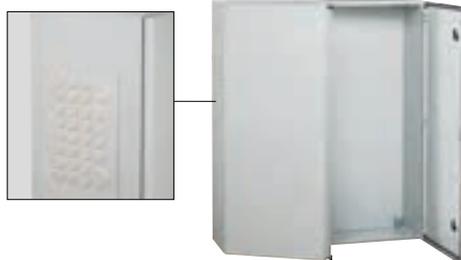| Pack	Cat. Nos.	For enclosures Width (mm)	Depth (mm)	Weight (kg)
1	0363 00	600	300	6
1	0363 01	800	300	6.7

Lina 12.5 and Lina 25 perforated plates, **p. 21**

equipment for Atlantic metal enclosures

0363 17

Cabstop plate Cat. No. 0364 97 and
mounting kit Cat. No. 0364 98 on
enclosure Cat. No. 0369 43

0347 95

0364 01

0364 04

Enclosure and equipment selection chart **p. 6-7**
Technical information and dimensions **p. 13**

Metallic internal doors

RAL 7035
For direct mounting in Atlantic metal and stainless steel enclosures
IPXXB
Reversible door with captive hinge pins
Double bar lock
Can be equipped with other key barrels and metal rebate locks. Distance between enclosure door and internal door: 55 mm

Pack	Cat. Nos.	For enclosures (mm) Height x Width	Dimensions (mm) Height x Width	Usable dimensions (mm) Height x Width
1	0363 15	400 x 300	334 x 248	235 x 155
1	0363 16	500 x 400	434 x 348	335 x 255
1	0363 17	600 x 400	534 x 348	435 x 255
1	0363 18	700 x 500	634 x 448	535 x 355
1	0363 19	800 x 600	734 x 548	635 x 455
1	0363 20	1000 x 600	934 x 548	835 x 455
1	0363 21	1000 x 800	934 x 748	835 x 655
1	0363 22	1200 x 600	1134 x 548	1035 x 555
1	0363 23	1200 x 800	1134 x 748	1035 x 655

Cabstop open-work plate IP 55

Cable entries consisting of a cable clamp providing the mechanical grip, and elastomer areas for weatherproofing
Can be pierced using the cable (no tool required)
Fits the cable perfectly
Replacement of a cable possible
Fire retardant polypropylene RAL 7035
2 possibilities of mounting:
- direct on cable entry of Atlantic enclosures
- on flat surface with kit Cat. No. 0364 98
Supplied with:
- locking caps for sealing a pierced entry providing IP 55 protection
- cable release tool

Pack	Cat. Nos.	Number of entries Ø5 to 14	Number of entries Ø14 to 24	Number of spare entries	Direct mounting on cable entry of enclosure width (mm)
1	0364 94	13	1	-	300
1	0364 95	13	1	1	400
1	0364 96	28	2	1	500/1000
1	0364 97	28	2	2	600/800/1200
1	0364 98	Kit for mounting Cabstop plate on plain plate			

Enables mounting of 2 Cabstop plates:
Cat. Nos. 0364 94 or 95 and 0364 96 or 97
IP 55 maintained

Protective conductor

Earth link

Pack	Cat. Nos.	Capacity (mm²)	Fixing spacing (mm)	Ø of holes (mm)
20	0347 95	6	200	8.5
20	0347 96	16	200	8.5

Green/yellow wire

Pack	Cat. Nos.			
20	0363 95	6	200	6.5

Accessories

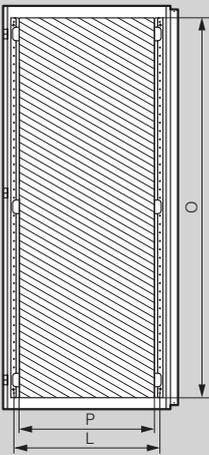| Pack	Cat. Nos.	
1	0364 01	**Wall mounting lugs (set of 4)** For load up to 300 kg Horizontal or vertical installation With a roof, horizontal installation only Zamak RAL 7035 Supplied with cover finish
1	0364 04	For load up to 300 kg Horizontal or vertical installation Anti-corrosion steel treatment

Atlantic metal enclosures

IP 55/IP 66 - IK 10

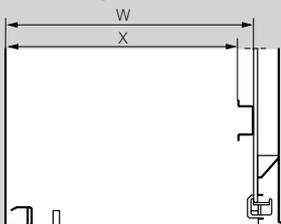## ■ Usable dimensions

Doors

2 doors   1 door
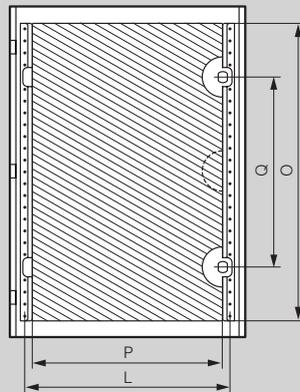
Cat. Nos.	Enclosures		Door usable dimensions		Lock positions	Strand-holder fixing centres
	Height (mm)	Width (mm)	Height O (mm)	Width P (mm)	Q (mm)	L (mm)
0369 10	300	200	251	148³	(1)	(2)
0369 17/12/27	400	300	351	248³	(1)	(2)
0369 13/18/28	500	400	451	300	(1)	330
0369 19/26/29/36	600	400	551	300	350	330
0369 20	600	500	551	400	350	430
0369 21/30/40	700	500	651	400	400	430
0369 25	500	400	451	300	(1)	330
0369 31/37/41/44/47	800	600	751	500	500	530
0369 32/38/48	1000	600	951	500	(1)	530
0369 33/39/45/49	1000	800	951	700	(1)	730
0369 42	1200	600	1151	500	(1)	530
0369 43/46/56	1200	800	1151	700	(1)	730
0369 50/60	1400	800	1351	700	(1)	730
0369 51/55	300	300	251	248³	(1)	(2)
0369 57	400	400	351	348³	(1)	(2)
0369 59/62	500	500	451	400	(1)	430
0369 64/72/74	600	600	551	500	350	530
0369 68	800	800	751	700	500	730
0369 11/75	300	400	251	348³	(1)	(2)
0369 76/77	400	600	351	500	(1)	530
0369 78	600	800	551	300 x 2	(1)	330
0369 79	600	1000	551	400 x 2	(1)	430
0369 80	800	1000	751	400 x 2	(1)	430
0369 81	1000	1200	951	500 x 2	(1)	530

1 : Central lock
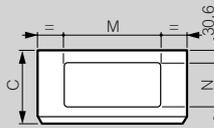2 : Without strand-holder
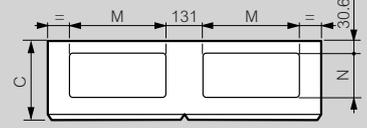3 : -12 mm on the side with "Legrand" marking

Usable depth

Enclosures	Back of enclosure	
Depth (mm)	W (mm)	X (mm)
160	140	125
200	180	165
250	230	215
300	280	265
400	380	365

Cable entries

Enclosures width ≤ 800 mm   Enclosures width ≥ 1000 mm

Enclosures (mm)		Dimensions of cable entries (mm)		
Width	Depth	C	M	N
200	160	170	-	-
300	160	170	-	-
400	160	170	-	-
300	200	210	169	115
400	200	210	269	115
400	250	260	269	115
500	200	210	269	115
600	200	210	269	115
500	250	260	369	150
500	300	310	369	150
600	250	260	469	150
600	300	310	469	150
600	400	410	469	150
800	250	260	469	150
800	300	310	469	150
800	400	410	469	150
1000	300	310	369	150
1200	300	310	469	150

■ Plinths

Trap doors
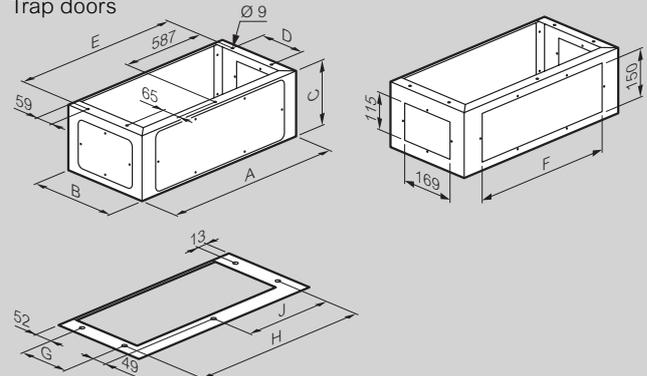
Cat. Nos.	Enclosures W x D (mm)	A	B	C	D	E	F	G	H	J
0363 00	600 x 300	600	280	200	150	574	469	150	542	271
0363 01	800 x 300	800	280	200	150	774	469	150	742	371

■ Roofs fixing
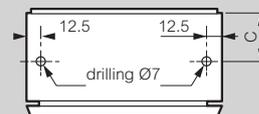
Cat. Nos.	C (mm)
0365 51/52/67/68	100
0365 53/54/64	125
0365 56/57	150

■ Usable dimensions

Fixing
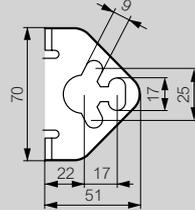

Direct wall fixing on stands (without lug) Ø9
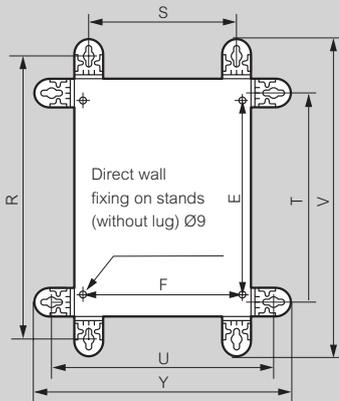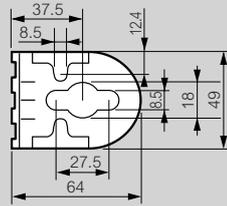
Cat. No. 0364 01

Cat. No. 0364 04

Enclosures		Vertical lugs		Mounting centres	Horizontal lugs		Mounting centres	Overall 0364 01		Overall 0364 04	
H (mm)	W (mm)	R (mm)	S[1] (mm)	E (mm)	T[1] (mm)	U (mm)	F (mm)	V (mm)	Y (mm)	V (mm)	Y (mm)
300	200	375	150	225	250	275	169	430	330	402	302
300	300	375	250	225	250	375	269	430	430	402	402
300	400	375	350	225	250	475	369	430	530	402	502
400	300	475	250	325	350	375	269	530	430	502	402
400	400	475	350	325	350	475	369	530	530	502	502
400	600	475	550	325	350	675	569	530	730	502	702
500	400	575	350	425	450	475	369	630	530	602	502
500	500	575	450	425	450	575	469	630	630	602	602
600	400	675	350	525	550	475	369	730	530	702	502
600	500	675	450	525	550	575	469	730	630	702	602
600	600	675	550	525	550	675	569	730	730	702	702
600	800	675	750	525	550	875	769	730	930	702	902
600	1000	675	950	525	550	1075	969	730	1130	702	1102
700	500	775	450	625	650	575	469	830	630	802	602
800	600	875	550	725	750	675	569	930	730	902	702
800	800	875	750	725	750	875	769	930	930	902	902
800	1000	875	950	725	750	1075	969	930	1130	902	1102
1000	600	1075	550	925	950	675	569	1130	730	1102	702
1000	800	1075	750	925	950	875	769	1130	930	1102	902
1000	1200	1075	1150	925	950	1275	1169	1130	1330	1102	1302
1200	800	1275	750	1125	1150	875	769	1330	930	1302	902
1400	800	1475	750	1325	1350	875	769	1530	930	1502	902

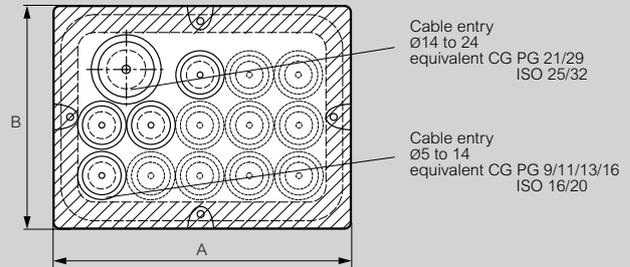1 : Same mounting centres for Cat. Nos. 0364 01 and 0364 04

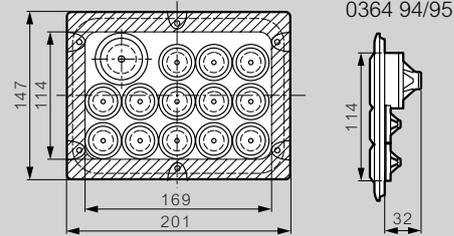## ■ Assembly kit on plane surface for Cabstop plate
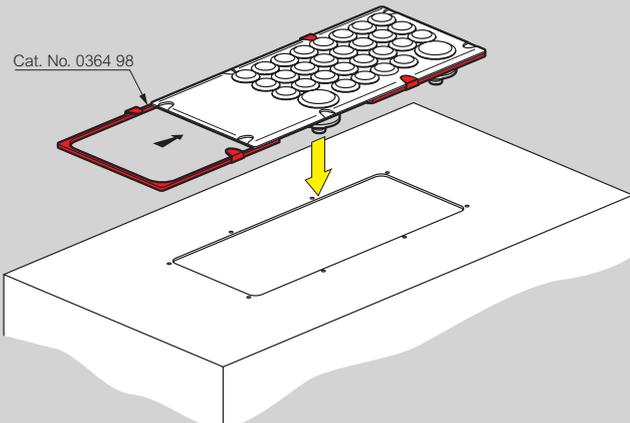
Cat. No. 0364 98

■ Cabstop plate

- Tensile resistance: 15 kg minimum
- Operating temperature: – 20 °C to + 65 °C
- ASTM No 3 resistance to cutting oil
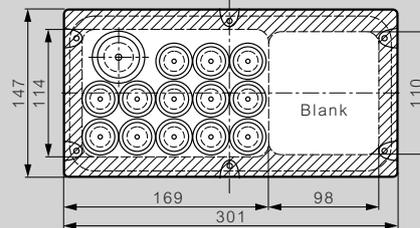- Resistance to incandescent wire: 750 °C according to IEC EN 60695-2-11

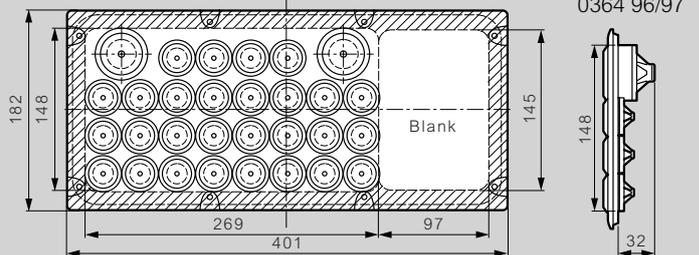Cable entry Ø14 to 24 equivalent CG PG 21/29 ISO 25/32
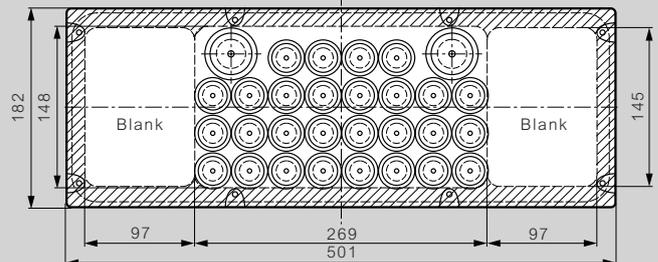
Cable entry Ø5 to 14 equivalent CG PG 9/11/13/16 ISO 16/20

Dimensions

Cat. No. 0364 94

Side view 0364 94/95

Cat. No. 0364 95

Cat. No. 0364 96

Side view 0364 96/97

Cat. No. 0364 97

Atlantic stainless steel enclosures

304 L

Wall mounting lugs, horizontal or vertical installation

0352 01 + 0364 06

Enclosure and equipment selection chart **p. 6-7**

IP 66 according to standards IEC EN 60529
IK 10 according to standards IEC EN 62262 (EN 50102)
Suitable for harsh environments. Brushed stainless steel finish
Door with rounded vertical edges
Double bar lock. Upper and lower protective hoods
Reversible enclosure
Self-centering positioning system for the equipment
Excellent resistance to corrosion and weather conditions
Compatible with all Atlantic and Atlantic stainless steel accessories

Stainless steel enclosures 304L (1 door)

Pack	Cat. Nos.	External dimensions			Weight (kg)
	Metal door	Height (mm)	Width (mm)	Depth (mm)	
1	0352 00[1]	300	200	160	4
1	0352 01	400	300	200	5.8
1	0352 02	500	400	200	8.3
1	0352 03	600	400	200	10.8
1	0352 05	600	400	250	12
1	0352 06	700	500	250	15
1	0352 11	800	600	300	22
1	0352 13	1000	800	300	38

Stainless steel wall mounting lugs

For load up to 300 kg
Horizontal or vertical installation
Supplied with stainless steel screws
Set of 4

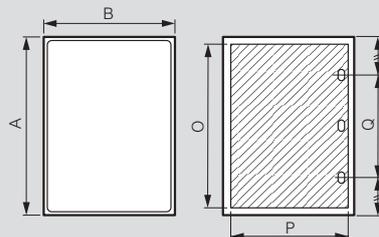|		
1	0364 06	304 L

1 : Supplied with plain plate

Atlantic stainless steel enclosures

technical characteristics

■ Usable dimensions

Doors

| Cat. Nos.	Enclosures			Door usable dimensions		Lock position
	Height A (mm)	Width B (mm)	Depth (mm)	O (mm)	P (mm)	Q (mm)
0352 00	301.6	199.6	161.5	250	150	-
0352 01	401.6	299.6	201.5	350	250	-
0352 02	501.6	399.6	201.5	450	350	250
0352 03	601.6	399.6	201.5	550	350	380
0352 05	601.6	399.6	251.5	550	350	380
0352 06	702.4	500	251.5	650	450	400
0352 11	802.4	600	301.5	750	550	400
0352 13	1003.6	800.6	301.5	950	750	600

Usable depth
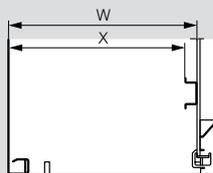
Enclosures	Back of enclosure	
Depth (mm)	W	X
160	140	125
200	180	165
250	230	215
300	280	265
400	380	365

Fixing
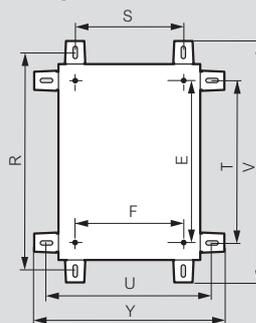
Cat. Nos. 0364 06
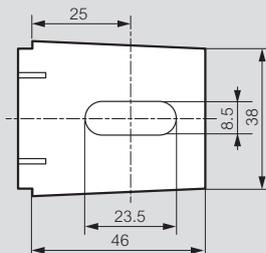
Cat. Nos.	Vertical position		Horizontal position		V	Y	E	F
	R	S	T	U				
0352 00	350	150	250	250	392	292	225	169
0352 01	450	250	350	350	492	392	325	269
0352 02	550	350	450	450	592	492	425	369
0352 03	650	350	550	450	692	492	525	369
0352 05	650	350	550	450	692	492	525	369
0352 06	750	450	650	550	792	592	625	469
0352 11	850	550	750	650	892	692	725	569
0352 13	1050	750	950	850	1092	892	925	769

Atlantic stainless steel enclosures

technical characteristics (continued)

■ Technical information

Stainless steel enclosures provide a solution in harsh, aggressive environments such as chemical plants or offshore

Corrosion resistance

	304 L
To salt spray (SS)	1 000 hrs
To sulphur dioxide (SO$_2$)	500 hrs

Brushed stainless steel finish

Polygrain 180
- Ra 0·25 to 0·35 μm
- Rt 2·5 to 4 μm

Stainless steel properties

304 L : Provides good resistance to :
- nitric acid at concentrations of 52 % or less at all temperatures
  (or 98 % when cold)
- cold dilute organic acids
- alkaline solutions (unless hot or above 50 %)
- saline solutions except chlorides, sulphides and sulphates
- fresh water and natural atmosphere low in chlorides
- food products (except mustard and white wine)

Plates, internal doors, chassis and equipment **p. 21-29**

Marina wall mounting enclosures

Polyester (GRP) IP 66 - IK 10

0362 56

0362 76

0362 63 + plinth Cat. No. 0362 92
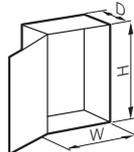+ roof Cat. No. 0362 95

0362 55 +
wall brackets Cat. No. 0364 09

Enclosure and equipment selection chart **p. 6-7**
Technical information and dimensions **p. 17-18**
Equipment **p. 21-29**

Grey RAL 7035
IP 66 according to IEC EN 60529
IK 10 according to IEC EN 62262 (EN 50102)
Class II insulation for final assembly according to IEC EN 60439-1
Glass fibre reinforced polyester (GRP) enclosures
Self extinguishing at 960 °C according to IEC EN 60695-2-11
Designed for corrosive environments
Reversible door, 180° opening[1]
2 x double bar locks[1]
Captive stainless steel hinge pins[1]
Mounting plate/equipment can be fixed directly to the rear of the enclosure
Accepts partial plate from 500 x 400 x 200 mm and/or rails[1]
Optional depth adjustment kit (Cat. No. 0362 42) available for enclosures 400 mm high and above
For wall mounting, wall mounting brackets must be ordered separately

GRP enclosures

Plain door

Pack	Cat. Nos.	External dimensions (mm)			Weight (kg)
		Height	Width	Depth	
1	0362 50	300	220	160	1·75
1	0362 51	400	300	206	3·7
1	0362 52	500	400	206	5·1
1	0362 55	610	400	257	6·4
1	0362 56	720	510	250	11·2
1	0362 61	820	610	300	15·2
1	0362 63	1 020	810	300	21·8
1	0362 64	1 220	810	300	25·0

Glazed door with tinted glass window

Pack	Cat. Nos.	External dimensions (mm)			Window (mm)		Weight (kg)
		Height	Width	Depth	Height	Width	
1	0362 71	400	300	206	235	145	4·0
1	0362 72	500	400	206	335	245	5·6
1	0362 75	610	400	257	463	245	7·0
1	0362 76	720	510	250	570	272	12·3
1	0362 81	820	610	300	672	372	16·7

Roofs

IK 10

Pack	Cat. Nos.	For enclosures (mm)	
		Width	Depth
1	0362 93	500	250
1	0362 94	600	300
1	0362 95	800	300

Plinths

Height 170 mm
Front and rear trap door
Possibility to overlap 2 plinths

Pack	Cat. Nos.	For enclosures (mm)	
		Width	Depth
1	0362 91	600	300
1	0362 92	800	300

Fixing accessories

IP 66 maintained

Wall mounting brackets
Set of 4, supplied with screws

Pack	Cat. Nos.	For enclosures	
		Height (mm)	Max. load (kg)
1	0364 08	300	100
1	0364 09	400 to 1 200	150

Rear with threaded rod

10	0362 40	M8 for enclosures height ≥ 400 mm

Mounting at back of enclosures

Accessories

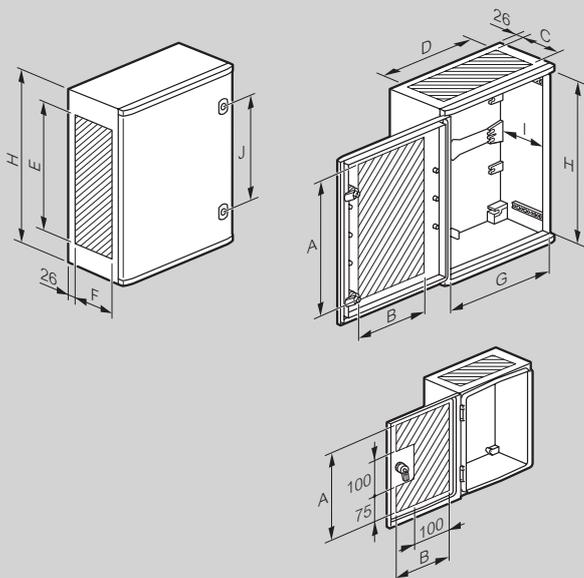| 1	0362 42	Depth adjustment kit for enclosures ≥ 200 mm

4 fixings complete with screws

Plain and perforated plates **p. 21**
Modular chassis **p. 23**
Internal doors **p. 23**
Sectioned uprights **p. 24**
Crosspieces **p. 24**
Locking accessories **p. 26**

1 : Except Cat. No. 0362 50

Marina wall mounting enclosures

## Polyester (GRP) IP 66 - IK 10 (continued)

■ Dimensions, usable areas

Cat. Nos.	Usable dimensions (mm)									
	A¹	B¹	C	D	E	F	G	H	I max.	J
0362 50	250	150	105	195	250	115	194	280	130	–
0362 51/71	300	180	130	250	260	150	260	350	178	200
0362 52/72	400	280	130	350	360	150	360	450	178	300
0362 55/75	500	280	180	350	460	180	360	560	225	400
0362 56/76	600	340	170	400	560	170	460	662	211	400
0362 61/81	700	440	220	500	660	230	560	762	261	500
0362 63	900	600	220	700	860	230	760	962	261	580
0362 64	1 100	600	220	700	1060	230	760	1162	261	700

1 : Except for enclosures with glass windows

■ Dimensions for the window (glass door)
Window centered in height and width

Cat. Nos.	A (mm)	B (mm)
0362 71	235	145
0362 72	335	245
0362 75	463	245
0362 76	570	272
0362 81	672	372
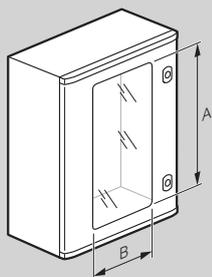
■ Roofs and plinths
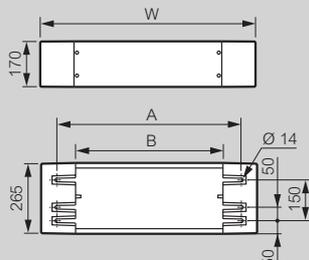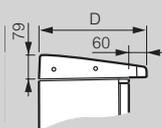
Roof Cat. Nos.	Width (mm)	D (mm)	Weight (kg)
0362 93	510	310	1
0362 94	612	360	1·3
0362 95	812	360	1·7

Plinth Cat. Nos.	W (mm)	A (mm)	B (mm)	Weight (kg)
0362 91	590	480	344	4·8
0362 92	790	680	544	5·4

■ Equipment fixing

Cat. Nos.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
0362 50	263	163	–	–	–	–
0362 51/71	325	225	125	225	102·5	228·5
0362 52/72	425	325	225	325	87·5	228·5
0362 55/75	525	325	325	325	95	328·5
0362 56/76	625	425	425	425	100	428·5
0362 61/81	725	525	525	525	100	528·5
0362 63	925	725	725	725	100	728·5
0362 64	1125	725	925	725	100	728·5
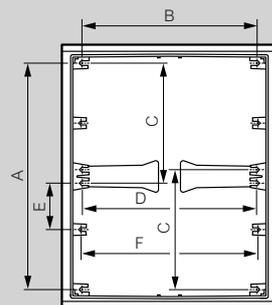
■ Adjustment of equipment (kit required)

Cat. Nos.	Full mounting plate (mm)		Chassis with rail (mm)	
	A max	A min (with. Cat. No. 0362 42)	B max	B min (with Cat. No. 0362 42)
0362 50	135	–	–	–
0362 51/71	170	70	155	55
0362 52/72	170	70	155	55
0362 55/75	220	70	205	55
0362 56/76	220	70	205	55
0362 61/81	270	70	255	55
0362 63	270	70	255	55
0362 64	270	70	255	55
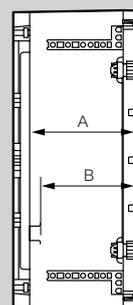
Depth adjustment using kit Cat. No. 0362 42 (except Cat. No. 0362 50)

Cat. Nos.	Thickness or wall (mm) (indicative dimensions)		
	Door	Sides	Rear
0362 50	2.5	2.5	2.5
0362 51/71	2.7	2.5	3
0362 52/72	2.7	2.5	3
0362 55/75	2.7	2.5	3
0362 56/76	4	3.5	3.5
0362 61/81	4	3.5	3.5
0362 63	4	3.5	3.5
0362 64	4	3.5	3.5

■ Fixing positions for mounting enclosure (maintains IP 66 and Class II)
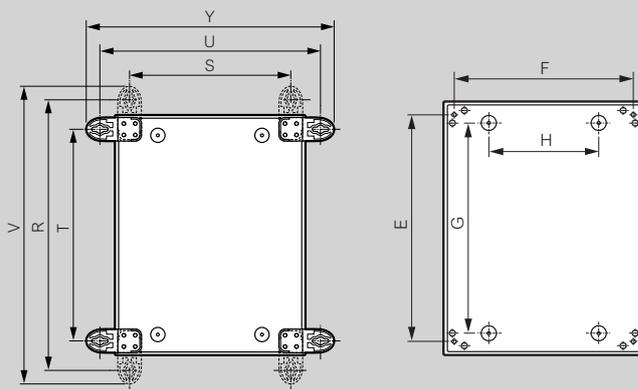
Cat. Nos.	Direct fixing outside mounting equipment area (mm)		Direct fixing through rear of enclosure (mm)		With vertical brackets (mm)			With horizontal brackets (mm)		
	E	F	G	H	R	S	V	T	U	Y
0362 50¹	–	–	220	150	330	190	359	270	250	279
0362 51/71	358	259	325	120	470	241	525	341	370	425
0362 52/72	458	359	425	220	570	341	625	441	470	525
0362 55/75	558	358	525	220	680	341	735	551	470	525
0362 56/76	664	468	600	200	789	441	844	641	579	634
0362 61/81	764	568	700	300	887	548	942	758	677	732
0362 63	964	768	900	500	1087	748	1142	958	877	932
0362 64	1164	768	1100	500	1287	748	1342	1158	877	932

1 : Use Cat. No. 0364 08 wall brackets. Others use Cat. No. 0364 09 wall brackets
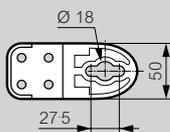
■ **Wall mounting brackets**

Cat. No. 0364 08
for enclosures height 300 mm
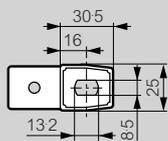
Cat. No. 0364 09
for enclosures height ≥ 400 mm

■ **Wall fixing by threaded rods**

Insert
Cat. No. **0362 40**

M8
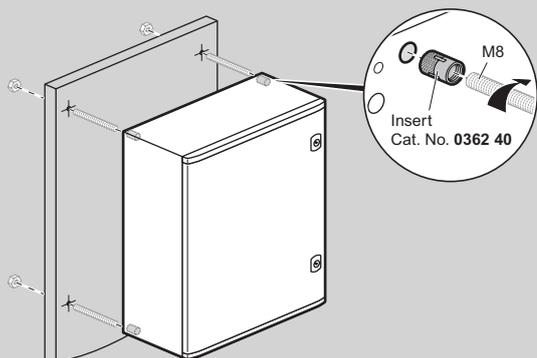
■ **Floor fixing on plinth**

H 170 mm (polyester RAL 7035)

Roof RAL 7035
Cat. Nos. 0362 93/94/95
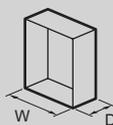
W (mm)	D (mm)
500	250
600	300
800	300
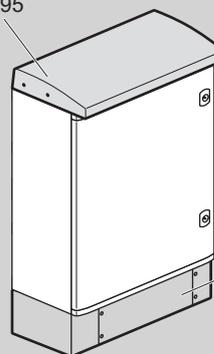
Plinth
Cat. Nos. 0362 91/92
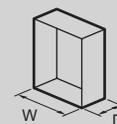
W (mm)	D (mm)
600	300
800	300

Marina free standing enclosures and equipment

Polyester (GRP) IP 66 - IK 10

0362 85

0362 86 + plinth Cat. No. 0362 96
+ roof Cat. No. 0362 97

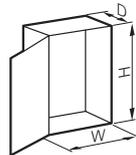Enclosure and equipment selection chart **p. 6-7**
Technical information and dimensions **p. 20**
Locking accessories **p. 26**
Ventilation and heating **p. 27-29**

Grey RAL 7035
IP 66 according to IEC EN 60529
IK 10 according to IEC EN 62262 (EN 50102)
Class II insulation for final assembly according to IEC EN 60439-1
Glass fibre reinforced polyester (GRP) enclosures
Self extinguishing at 960 °C according to IEC EN 60695-2-11
Designed for corrosive environments
Stainless steel hinges and hinge pins
Reversible door equipped with equipment mounting bosses
Supplied with two part gland plate and fixing kit for plain plate or sectioned uprights
Three point locking handle with European lock and 2433 A key[1]
Depth adjustment of equipment

GRP enclosures

Pack	Cat. Nos.	External dimensions (mm)			Weight (kg)
		Height	Width	Depth	
1	0362 85	1 460	800	463[2]	49
1	0362 86	1 660	800	463[2]	53
1	0362 87	1 860	800	463[2]	57

Roof

Pack	Cat. Nos.	For enclosures (mm)	
		Width	Depth
1	0362 97	800	463

Plinth

Height 170 mm
Front and rear access plates
Stackable for extra height (2 max)

Pack	Cat. Nos.	For enclosures (mm)	
		Width	Depth
1	0362 96	800	463

Equipment

Plain plates
Galvanised steel. Premarked at 100 mm intervals
Permissible load : 200 kg/m^2

Pack	Cat. Nos.	For enclosures (mm)		Net weight (kg)
		Height	Width	
1	0349 59	1 460	800	27
1	0349 50	1 660	800	30·5
1	0344 18	1 860	800	34

Sectioned uprights

Pack	Cat. Nos.	

For ⌐ Lina 25 rail, ⌐ rail and Lina 12.5 or Lina 25 plates
Set of 2 uprights galvanised steel

Pack	Cat. Nos.	For enclosures Height (mm)	Length (mm)
1	0363 92	1 860	1 684

1 : Other barrels **p. 26**
2 : 487 mm when handle in use

Marina free standing enclosures and equipment

Polyester (GRP) IP 66 - IK 10 (continued)

■ Dimensions and usable areas
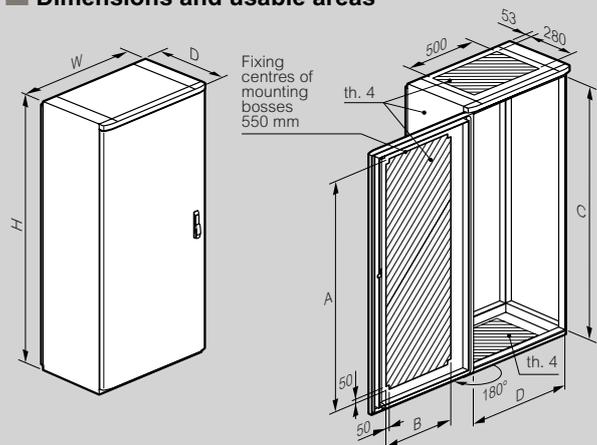
Cat. Nos.	Dimensions H x W x D (mm)	Usable area (mm)			
		A	B	C	D
0362 85	1 460 x 800 x 463[1]	1 230	530	1 300	700
0362 86	1 660 x 800 x 463[1]	1 430	530	1 500	700
0362 87	1 860 x 800 x 463[1]	1 630	530	1 700	700

1 : 487 mm when handle in use

■ Equipment fixing

Cat. Nos.	Plain plate		Sectioned[1] uprights	
	A	B	C	D
0362 85	1 225	675	1 250	630
0362 86	1 425	675	1 450	630
0362 87	1 625	675	1 650	630

1 : For mounting partial plates

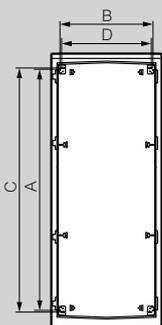Sectioned uprights are required to fix partial plates in the 1 660 and 1 860 mm enclosures – order separately

■ Equipment adjustment

25 mm centres
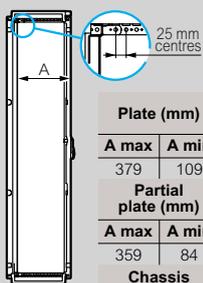
Plate (mm)	
A max	A min
379	109

Partial plate (mm)	
A max	A min
359	84

Chassis rail ⎍ (mm)	
A max	A min
372	97

■ Mounting plates

Plain plate
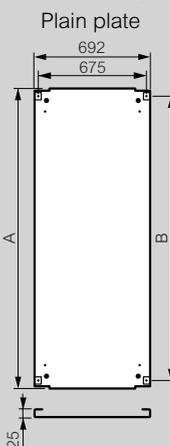
Cat. Nos.	Enclosure height	Plain	
		A	B
0349 59	1 460	1 292	1 225
0349 50	1 660	1 492	1 425
0344 18	1 860	1 692	1 625

■ Roof

Cat. No. 0362 97
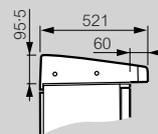
Weight : 2·5 kg
Width : 794 mm

■ Plinth

Cat. No. 0362 96
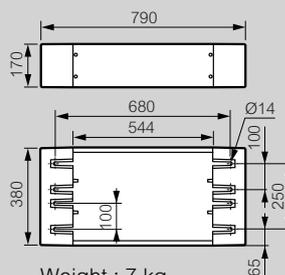
Weight : 7 kg

■ Sectioned uprights

Cat. No. 0363 92
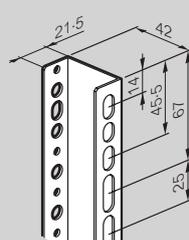
■ Suggested lifting method

4 x 500 kg slings and 4 brackets

A	120° —> 250 kg
	90° —> 300 kg
	60° —> 300 kg
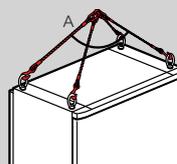
plain and perforated plates

for Atlantic, Atlantic stainless steel and Marina enclosures

0360 58   0360 31   0360 18

Lina 12.5 plate
Cat. No. 0360 22 vertical
mounting inside Atlantic
enclosure Cat. No. 0369 26

Lina 12.5 plate Cat. No. 0360 22
horizontal mounting inside Atlantic
enclosure Cat. No. 0369 77

Enclosure and equipment selection chart **p. 6-7**
Technical characteristics **p. 22**

| Pack	Cat. Nos.	**Plain plates**				
		Galvanised steel				
		Vertical mounting for enclosures			Horizontal mounting for enclosures	
		Height (mm)	Width (mm)	Weight (kg)	Height (mm)	Width (mm)
1	0360 49[1]	300	220	0.9	-	-
1	0360 50	300	200	0.6	-	-
1	0360 69	300	300	1	-	-
1	0360 52	400	300	1.3	300	400
1	0360 70	400	400	1.7	-	-
1	0360 55	500	400	2.7	-	-
1	0360 71	500	500	3.5	-	-
1	0360 56	600	400	3.3	400	600
1	0360 84	600	500	4.9	-	-
1	0360 57	600	600	6.2	-	-
1	0360 54	600	1000	10.6	1000	600
1	0360 58	700	500	6	-	-
1	0360 59	800	600	8.4	600	800
1	0360 60	800	800	11.4	-	-
1	0360 61	800	1000	14.4	1000	800
1	0360 85	1200	600	12.1	-	-
1	0360 64	1200	800	18.5	-	-
1	0360 65	1200	1000	23	1000	1200
1	0360 67	1400	800	26.4	-	-

Lina 12.5 perforated plates

Galvanised steel
With drilling for fixing equipment without marking
Automatic bracket:
- Ø6.5 mm for plastic rivet Cat. No. 0366 44 (trunking)
- Ø3.3 mm for equipment with screw Cat. No. 0347 45

Pack	Cat. Nos.	Vertical mounting for enclosures			Horizontal mounting for enclosures	
		Height (mm)	Width (mm)	Weight (kg)	Height (mm)	Width (mm)
1	0360 00	300	200	0.4	-	-
1	0360 01[1]	300	220	0.47	-	-
1	0360 02	300	300	0.6	-	-
1	0360 04	400	300	0.8	300	400
1	0360 05	400	400	1.1	-	-
1	0360 09	500	400	1.5	-	-
1	0360 14	500	500	1.85	-	-
1	0360 22	600	400	2.2	400	600
1	0360 24	600	600	3.7	-	-
1	0360 40	600	1000	6.8	1000	600
1	0360 31	700	500	3.7	-	-
1	0360 33	800	600	5.2	600	800
1	0360 34	800	800	7	-	-
1	0360 42	1000	800	9.2	800	1000
1	0360 46	1200	800	11.1	-	-
1	0360 47	1200	1000	13.9	1000	1200
1	0360 75	1400	800	13	-	-

1 : For Marina enclosure only

Pack	Cat. Nos.	**Lina 25 perforated plates**	
		Galvanised steel	
		Common for all types of enclosures	
		For enclosures Height x Width (mm)	Weight (kg)
1	0360 07	300 x 200	0.4
1	0360 99[1]	300 x 220	0.5
1	0360 91	300 x 300	0.5
1	0360 11	300 x 400	0.6
1	0360 12	400 x 300	0.6
1	0360 92	400 x 400	0.8
1	0360 13	400 x 600	1.1
1	0360 15	500 x 400	0.9
1	0360 93	500 x 500	1.1
1	0360 16	600 x 400	1.3
1	0360 17	600 x 600	2.1
1	0360 06	600 x 800	3.1
1	0360 08	600 x 1000	3.7
1	0360 18	700 x 500	2
1	0360 19	800 x 600	3.1
1	0360 20	800 x 800	4
1	0360 94	800 x 1000	5
1	0360 23	1000 x 600	3.7
1	0360 21	1000 x 800	4.9
1	0360 10	1000 x 1200	8.5
1	0360 87	1200 x 800	7.1
1	0360 90	1400 x 800	7.8

For fixing accessories
p. 24

plain and perforated plates

for Atlantic, Atlantic stainless steel and Marina enclosures

■ Mounting principle

Screws 0347 45

Rivet 0366 44[1]

Screws 0347 45

Screws cover 0347 50
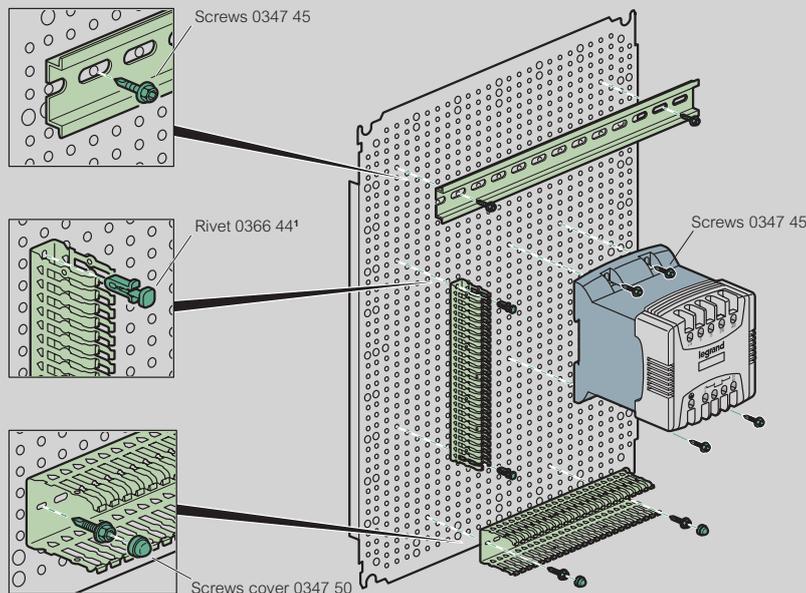
1 : Can also be used on Lina 25 perforated plate
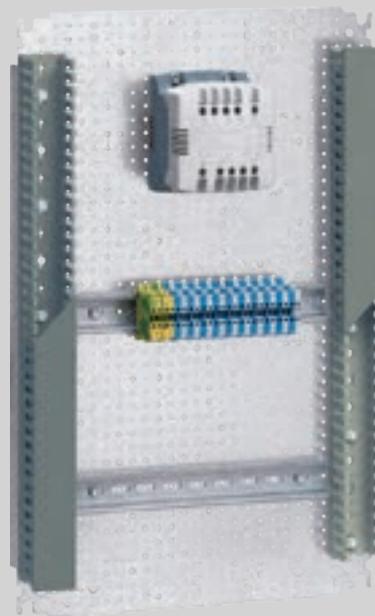
Fixing example on Lina 12.5 plate
- of a transformer with screws Cat. No. 0347 45
- of a rail
- of Transcab cable trunking

■ Dimensions

Assembled chassis with rails and Lina 25 uprights

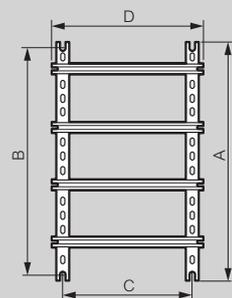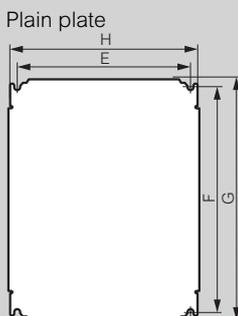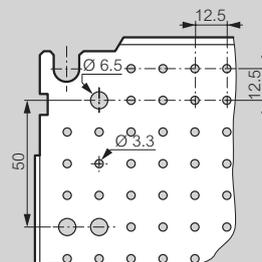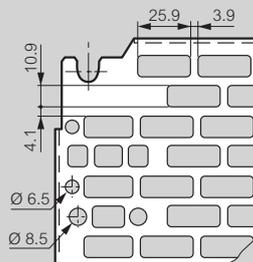**Lina 12.5 plain plates and Lina 25 perforated plates**

Plain plate

Details Lina 12.5

Details Lina 25 perforated plate

Enclosure dimensions Height x Width (mm)	Uprights height	Rail length	Chassis fixing	
	A (mm)	D (mm)	B (mm)	C (mm)
300 x 200	237	143	225	125
300 x 300	237	243	225	225
300 x 400	237	343	225	325
400 x 300	337	243	325	225
400 x 400	337	343	325	325
400 x 600	337	543	325	525
500 x 400	437	343	425	325
500 x 500	437	443	425	425
600 x 400	537	343	525	325
600 x 500	537	443	525	425
600 x 600	537	543	525	525
600 x 800	537	743	525	725
600 x 1000	537	943	525	925
700 x 500	637	443	625	425
800 x 600	737	543	725	525
800 x 800	737	743	725	725
800 x 1000	737	943	725	925
1000 x 600	937	543	925	525
1000 x 800	937	743	925	725
1000 x 1200	937	1143	925	1125
1200 x 600	1137	543	1125	525
1200 x 800	1137	743	1125	725
1200 x 1000	1137	943	1125	925
1400 x 800	1337	743	1325	725

Enclosure dimensions Height x Width (mm)	Dimensions of plates Plain / Lina 12.5 / 25 plates		Usable space for equipment (dm²)	Mounting of plates	
	G (mm)	H (mm)		F (mm)	E (mm)
300 x 200	256	156	4.2	225	125
300 x 220	275	192	5.3	263	163
300 x 300	256	256	6.2	225	225
300 x 400[1]	256	356	8.2	225	325
400 x 300[1]	356	256	8.2	325	225
400 x 400	356	356	11.7	325	325
400 x 600[1]	356	556	18.7	325	525
500 x 400	456	356	15.2	425	325
500 x 500	456	456	19.2	425	425
600 x 400[1]	556	356	18.7	525	325
600 x 500	556	456	25.3	525	425
600 x 600	556	556	29.7	525	525
600 x 800[1]	556	756	40.7	525	725
600 x 1000[1]	556	956	51.7	525	925
700 x 500	656	456	28.7	625	425
800 x 600[1]	756	556	40.7	725	525
800 x 800	756	756	55.7	725	725
800 x 1000[1]	756	956	71.7	725	925
1000 x 600[1]	956	556	51.7	925	525
1000 x 800[1]	956	756	70.7	925	725
1000 x 1200[1]	956	1156	108.7	925	1125
1200 x 600	1156	556	64.2	1125	525
1200 x 800	1156	756	85.7	1125	725
1200 x 1000[1]	1156	956	108.7	1125	925
1400 x 800	1356	756	100.7	1325	725

1 : For horizontal or vertical mounting

chassis and internal doors for wall mounting enclosures

Atlantic, Atlantic stainless steel and Marina

0361 03

0361 03 mounted in enclosure

Internal doors accept key barrel

🔍 Technical information and dimensions **p. 25**

Pack	Cat. Nos.	**Insulated modular chassis**
		Grey RAL 7035
		Separate ABS front plate per row
		Supplied in kit form with metal uprights and crosspieces
		Symmetrical rails ⌐ depth 15 mm
		Fixings supplied with enclosure
		Self extinguishing 750 °C
		For enclosure dimensions
		Height x Width x Depth (mm)
1	0361 01	**400 x 300 x 200**
		30 modules (3 rows of 10)
		Supplied with 1 blanking plate
1	0361 02	**500 x 400 x 200**
		48 modules (3 rows of 16)
		Supplied with 1 blanking plate
1	0361 03	**600 x 400 x 250**
		48 modules (3 rows of 16)
		Supplied with 1 blanking plate
1	0361 05	**700 x 500 x 250**
		84 modules (4 rows of 21)
		Supplied with 1 blanking plate
1	0361 06	**800 x 600 x 300**
		108 modules (4 rows of 27)
		Supplied with 2 blanking plates
1	0361 09	**1 000 x 800 x 300**
		190 modules (5 rows of 38)
		Supplied with 2 blanking plates
1	0361 10	**1 200 x 800 x 300**
		228 modules (6 rows of 38)
		Supplied with 2 blanking plates

Pack	Cat. Nos.	**Internal doors**		
		Grey RAL 7035 - IP xxB		
		Fit Marina enclosures		
		Also suitable for Atlantic stainless steel enclosures when used with mounting kit Cat. No. 0363 69		
		For mounting of control and signalling units		
		Reversible, easy to fix, robust 4 mm thick GRP construction		
		Left or right opening with built in grip		
		Captive hinge pins		
		Double bar lock : 1 lock for height 400 to 600 mm		
		2 locks for height ≥ 700 mm		
		For enclosures (mm) H x W	Dim. (mm) H x W	Usable area (mm) H x W
1	0363 59	400 x 300	341 x 236	305 x 185
1	0363 60	500 x 400	441 x 336	405 x 250
1	0363 61	600 x 400	541 x 336	505 x 250
1	0363 62	700 x 500	642 x 436	500 x 340
1	0363 63	800 x 600	742 x 536	600 x 440
1	0363 64	1 000 x 800	942 x 736	800 x 640
1	0363 65[1]	1 200 x 800	942 x 736	800 x 640

Pack	Cat. Nos.	**Accessory**
1	0363 69	Mounting kit for Atlantic stainless steel enclosures

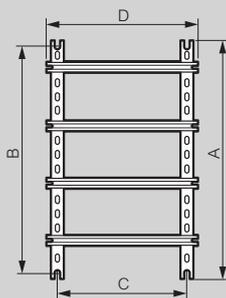| Pack	Cat. Nos.	**Blanking plate for windows**
10	0361 00	For enclosures up to 800 mm wide
		Blanking plate to suit up to 670 x 45 mm window
		To be cut to required length
		38 modules, length 684 mm

1 : Door identical to Cat. No. 0363 64 with 200 mm upper or lower reservation

equipment and fixing accessories for wall mounting enclosures

Atlantic, Atlantic stainless steel and Marina

Uprights + crosspieces (subject to size)
Pocket Cat. No. 0365 80

0365 81

0367 80

Technical information and dimensions **p. 25**

Lina 25 sectioned uprights

Pack	Cat. Nos.	Set of 2 sectioned uprights For dimensions p. 25			
		For enclosures height (mm)	Length of uprights (mm)	Thickness (mm)	Profile
5	0361 50	300	237	2·5	
5	0361 51	400	337	2·5	
5	0361 52	500	437	2·5	
5	0361 53	600	537	2·5	**L**
5	0361 54	700	637	2·5	
5	0361 55	800	737	2·5	
5	0361 56	1000	937	2·5	
5	0361 58	1200	1 137	2·5	

Lina 25 crosspieces

Pack	Cat. Nos.	Crosspieces ready to assemble (excluding fixings) For dimensions p. 25	
	⊔	For enclosures width (mm)	Crosspiece length (mm)
10	0367 80	300	243
10	0367 81	400	343
10	0367 82	500	443
10	0367 83	600	543
10	0367 84	800	743

Rails

2 m length
For dimensions **p. 25**

Pack	Cat. Nos.	
10	0374 02	⊏⊐ EN 60715
10	0374 04	⊏⊐ EN 60715, depth 7·5 mm
10	0374 07	⊔ Symmetrical, depth 15 mm

45° mounting bracket

Pack	Cat. Nos.	
10	0394 49	Set of 2 supports for tilting a rail at an angle of 45° Supplied with 4 x M6 screws, nuts and washers

Fixing accessories

Pack	Cat. Nos.	
		For Lina 25 perforated plates Supplied without screws
100	0364 40	Clip nuts for M4 screw
100	0364 41	Clip nuts for M5 screw
100	0364 42	Clip nuts for M6 screw
		For Lina 12·5 perforated plates
500	0366 44[1]	Insulated plastic rivets Ø 6 mm for 6 mm holes
100	0347 45	Self piercing tapping hex head screws 4·8 x 16 mm for Ø 3·3 mm holes
200	0347 50	Plastic insulating cap for above

Lina perforated plates p. 21

0364 40   0366 44   0347 45   0347 50   0016 90   0016 91

Fixing accessories (continued)

Pack	Cat. Nos.	
		Adaptor
20	0364 66[1]	For mounting on rail ⊔ equipment fitting on rail ⊔ Width 17 mm Increase equipment height of 6 mm
		For rails EN 60715 ⊏⊐ , ⊔
100	0364 78	For M4 screw
100	0364 79	For M6 screw
		For rails EN 60715 ⊏⊐
10	0044 16	Claw width 10 mm Threaded hole for M4 screw
10	0044 17	Claw width 17·5 mm Smooth hole Ø 3·8 mm Supplied with fixing screw Ø 3·5 mm Length 13 mm
100	0374 39	Claw width 35 mm Holes for M4 and M6 screws
40	0364 69	Fixomega for M4 screw
		On plain plates
100	0347 46	CBL Z 5.5 x 16 PZ No 3 self-tapping screw
100	0347 47	CBL Z 5.5 x 19 self-drilling tapping screw
		Cage nuts For mounting on square perforation 8.3 x 8.3 mm
20	0364 50	M4
20	0364 51	M5
20	0364 52	M6
		HF screw with contact washer
50	0367 75	M 6-10 HF screws with contact washers

Copper bars

Copper bars with tapped holes

Pack	Cat. Nos.	Cross-section (mm)	Max. intensity allowed (A)	Tapped holes		Length (mm)
				Ø mm	Pitch	
10	0373 88	12 x 2	110	M5	18	990
10	0373 89	12 x 4	160	M5	18	990

Pack	Cat. Nos.	
		Connectors for bars with tapped holes
100	0373 65	1 or 2 conductor from 1.5 to 10 mm² (supplied with Ø5 mm screws)

Self-adhesive document pockets

RAL 7035

Pack	Cat. Nos.	External dimensions (mm) Width x Height	Internal dimensions (mm) Width x Height x Depth
20	0365 80	340 x 235	310 x 200 x 18
20	0365 81	260 x 165	230 x 130 x 18

Modular device accessories

Pack	Cat. Nos.	
		Protective terminal shield
5	0016 91	Light grey. Ensures the protection of wiring and terminals in modular mechanisms fitted in enclosures (Atlantic or Marina) Width 45 mm, Length 1 m Clips on to support 0016 90 (below)
		Insulated support
10	0016 90	For protective terminal shield Clips on to rail EN 60715 ⊔
		Self-adhesive label holder
10	0049 96	Width : 16 mm Width available for marking : 12 mm Length : 430 mm (24 modules)

1 : Can also be used on Lina 25 perforated plates

equipment and fixing accessories for wall mounting enclosures

Atlantic, Atlantic stainless steel and Marina (continued)

■ Assembled chassis with crosspieces and Lina 25 uprights

Dimensions of enclosures Height x Width (mm)	Uprights height A (mm)	Rail length D (mm)	Chassis fixing B (mm)	Chassis fixing C (mm)
300 x 200	237	143	225	125
300 x 300	237	243	225	225
300 x 400	237	343	225	325
400 x 300	337	243	325	225
400 x 400	337	343	325	325
400 x 600	337	543	325	525
500 x 400	437	343	425	325
500 x 500	437	443	425	425
600 x 400	537	343	525	325
600 x 500	537	443	525	425
600 x 600	537	543	525	525
600 x 800	537	743	525	725
600 x 1000	537	943	525	925
700 x 500	637	443	625	425
800 x 600	737	543	725	525
800 x 800	737	743	725	725
800 x 1000	737	943	725	925
1000 x 600	937	543	925	525
1000 x 800	937	743	925	725
1000 x 1200	937	1143	925	1125
1200 x 600	1137	543	1125	525
1200 x 800	1137	743	1125	725
1200 x 1000	1137	943	1125	925
1400 x 800	1337	743	1325	725

■ Lina 25 sectioned uprights

Cat. Nos. 0361 50/51/52/53/54/55/56　　　Cat. No. 0361 58
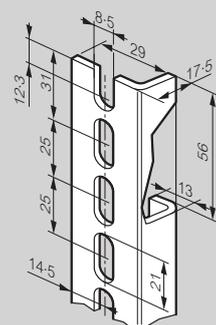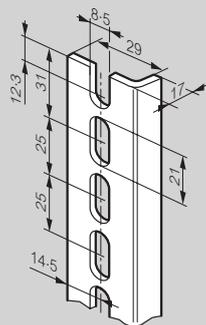
■ Crosspieces/rails

Cat. Nos. 0367 80/81/82/83/84　　　Cat. No. 0374 02
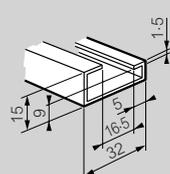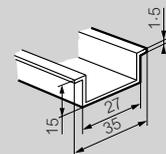
For crosspieces/rails **p. 24**

■ Clip nuts

For clip nuts **p. 24**

■ Insulated modular chassis

Fixes to corner fixings inside enclosure
Chassis can fit steel or polyester enclosures

Cat. No. 0361 03 fitted into enclosure

Space between door and chassis front
• Atlantic stainless steel ⎱ Depth 250 : 80 mm
• Marina ⎰ Depth 300 : 90 mm

The front sections can only be removed using a tool (flat blade screwdriver)

Glow wire tested : 5s at 750 °C

locking accessories

for Atlantic stainless steel and Marina enclosures

Pack	Cat. Nos.	**Lock housings for rebate or cylinder locks**
		Interchangeable for Atlantic stainless steel and Marina enclosures
10	0368 04	Plastic housing (excludes barrel and cam)
10	0368 05	Handle With blank (excludes cam)
10	0368 06	Handle Fitted with locking barrel 2433 A (excludes cam)

Locking cams

Pack	Cat. Nos.	
10	0365 30	For Marina enclosures
10	0368 43	For Atlantic stainless steel 1 door enclosures
10	0368 44	For Atlantic stainless steel 2 door enclosures

Note : Cam nuts are supplied with the handle or housing

Metal rebate lock barrels

Pack	Cat. Nos.	
10	0368 17	6·5 mm male triangle
10	0368 18	8 mm male triangle
10	0368 19	11 mm male triangle
10	0368 20	Double bar

Key barrels

Supplied with set of 2 keys
For key No :

Pack	Cat. Nos.	
10	0368 22	405
10	0368 23	421
10	0368 24	455
10	0368 25	1242 E
10	0368 26	2433 A
10	0368 27	3113 A
10	0365 45	Set of two 2433 A keys

Keys for rebate locks

Pack	Cat. Nos.	
10	0365 35	For 6 mm female square lock
10	0365 39	For 6·5 mm male triangle lock
10	0365 40	For 8 mm male triangle lock
10	0365 41	For 11 mm male triangle lock
10	0365 42	For double bar

Padlocking

Padlock adaptor

Pack	Cat. Nos.	
1	0365 11	Metal painted black-grey RAL 7021 Fits over door handles to provide security Accepts up to 3 padlocks (not included)

■ Universal locking system[1]

The locks can be assembled and fitted to all Atlantic stainless steel and Marina enclosures

Lock barrels

6·5 mm triangle male
Cat. No. 0368 17

8 mm male triangle
Cat. No. 0368 18

11 mm male triangle
Cat. No. 0368 19

Double bar
Cat. No. 0368 20

Detail of cut-out

23 mm

19·3 mm

Handle

Plastic housing
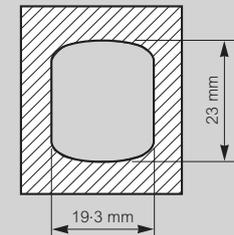
Key barrels

No. 405
Cat. No. 0368 22

No. 421
Cat. No. 0368 23

No. 455
Cat. No. 0368 24

1242 E
Cat. No. 0368 25

2433 A
Cat. No. 0368 26

3113 A
Cat. No. 0368 27

Dimensions of special triangle locks

6·5 mm male CNOMO — 6·5 mm

8 mm male — 8 mm

11 mm male — 11 mm
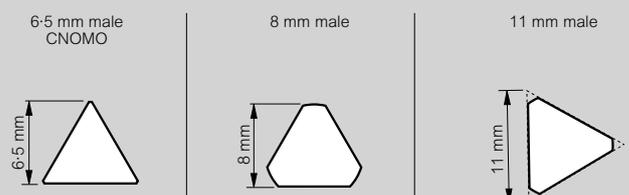
1 : The metal locks (special barrels and key barrels) and lock barrels are all compatible with each other

ventilation for enclosures

legrand

0348 17

0365 79

0348 04

0348 52

0348 89

0348 05

0348 35

Technical information and dimensions **p. 28**

| Pack	Cat. Nos.	**Ventilation fan kit with metal grill**
1	0348 17	IP 32 - IK 10 230 V - 50/60 Hz RAL 7035 Ventilator is mounted on the outside of the enclosure 30 m³/h with filter - 160 m³/h without filter installed (free flowing) Pack comprising a pair of metal RAL 7035 louvres and a pair of anti-insect grills, plus internal finger protection
		Ventilation fan kits with plastic grill
		IP 54 - IK 08 230 V - 50/60 Hz RAL 7035 plastic housing Supplied with finger protection guards External projection 7-10 mm Accepts mounting spacer Cat. No. 0348 88/89 Used to reduce internal projection and improve wiring space Fitted externally on to the enclosure with rapid fix screws 1 mm to 4 mm panel thickness An extra louvre can be fitted to improve air flow and extraction
1	0348 50	**40/160 m³/h** 40 m³ with filter 45 m³ with extra grill/filter Cat. No. 0348 34 160 m³ without filter installed (free flowing) Pack comprising a pair of RAL 7035 plastic grills 150 x 150 mm and washable electrostatic filter EU3, G3
1	0348 51	**120/160 m³/h** 120 m³ with filter 130 m³ with extra grill/filter Cat. No. 0348 35 160 m³ without filter installed (free flowing) Pack comprising a pair of RAL 7035 plastic grills 250 x 250 mm and washable filter EU3, G3
1	0348 52	**240/450 m³/h** 240 m³ with filter 260 m³ with extra grill/filter Cat. No. 0348 35 450 m³ without filter installed (free flowing) Pack comprising a pair of RAL 7035 plastic grills 250 x 250 mm and washable filter EU3, G3
		Spacers for ventilation fan kits
		IP 54 maintained RAL 7035 Used to reduce the internal projection and increase the internal usable volume
1	0348 88	150 x 150 mm
1	0348 89	250 x 250 mm

Pack	Cat. Nos.	**Natural ventilation**
		Ventilation glands IP 44 - IK 08 for outdoor use Grey polyamide
2	0365 78	Ø 15 mm aperture needed
2	0365 79	Ø 30·5 mm aperture needed
		Ventilation louvres - metal IP 32 - IK 10 RAL 7035 Pack comprising a pair of metal louvres and a pair of anti-insect grills
1	0348 04	138 x 138 mm
1	0348 05	248 x 248 mm
		Ventilation louvres - plastic RAL 7035 Supplied singly Supplied with 10 mm thick filter EU 3, G3
1	0348 34	IP 44 - 150 x 150 mm
		Supplied with 20 mm thick filter EU 3, G3
1	0348 35	IP 54 - 250 x 250 mm
1	0348 36	IP 54 - 325 x 325 mm

Heating **p. 29**

ventilation for enclosures (continued)
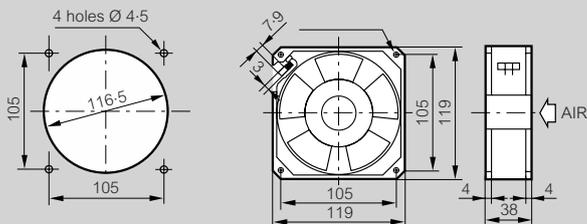
■ Operating principle
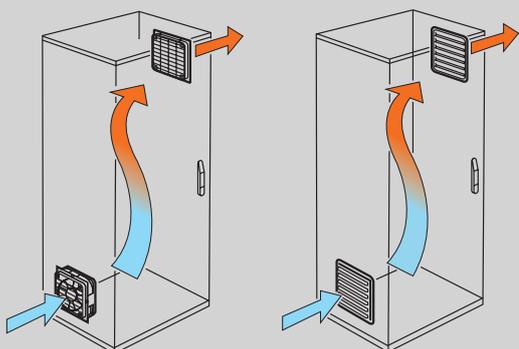
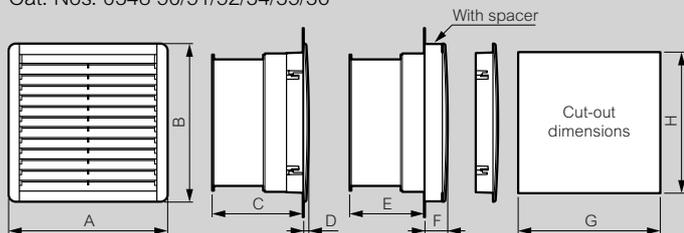Ventilators, louvres and spacers

Natural ventilation

■ Ventilation fan kits, louvres and spacers
Dimensions and cut-outs

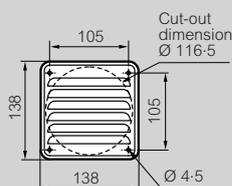Cat. No. 0348 17

Cat. Nos. 0348 50/51/52/34/35/36

Cat. Nos.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
0348 50	150	150	70	7	43	34	125	125
0348 51	250	250	105	8	78	35	223	223
0348 52	250	250	123	8	96	35	223	223
0348 34	150	150	–	7	–	34	125	125
0348 35	250	250	–	8	–	35	223	223
0348 36	325	325	–	10	–	37	291	291

Technical characteristics

Cat. Nos.	0348 17	0348 50	0348 51	0348 52
Voltage (V)/phase	220-240/1	230/1	230/1	220-240/1
Frequency (Hz)	50/60	50/60	50/60	50/60
No load flow ventilation only (m³/h)	160	160	160	240
On load flow - with an output louvre (supplied)	30	40	100	170
Static pressure (mm of water)	100	66	51	111
Power down (W)	22	20	20	29
Current drown (A)	0·14	0·125	0·125	0·426
Operating temperature	−10 °C/+50 °C			
IP/IK	32/10	54/08	54/08	54/08
Sound level (dB)	49	43	43	50
Weight (kg)	0·72	0·8	1·4	1·7

■ Natural ventilation
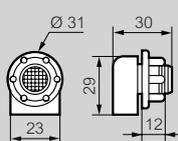### Dimensions and cut-outs

Cat. No. 0348 04
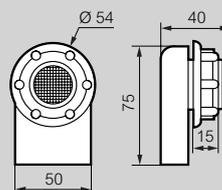

Cat. No. 0348 05
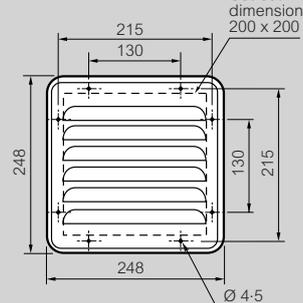
Cat. No. 0365 78



Cat. No. 0365 79

heating for enclosures

0353 08   0348 47

Technical information and dimensions **opposite**

Pack	Cat. Nos.	**Heating**
		Resistance heaters 120 V / 240 V ∿ ⎓
		IP 20
		Prevent condensation forming inside the enclosure
		" PTC " auto-regulated and surface temperature
		limited : t = 70 °C
		Heat dissipator in black aluminium oxide
		Fix on rail ⊏⊐

Pack	Cat. Nos.	Power	Current rating
1	0353 06	20 W	2·5 A
1	0353 07	50 W	2·5 A
1	0353 08	100 W	4·5 A
1	0353 09	150 W	8·0 A

Thermostat
Precision 0·5 °C (neutral connected)
Switching and control range : 2 °C
230 V - 50/60 Hz
12 to 250 V∿ (requires neutral)
Contact rating : 10 A max. (5 A closing)
NO contact : 10 A, 250 V∿
NC contact : 5 A, 250 V∿
Adjustable from 5 to 60 °C with NO/NC contact

1	0348 47	Fix on rail ⊏⊐

Ventilation **p. 27-28**

■ Operating principle
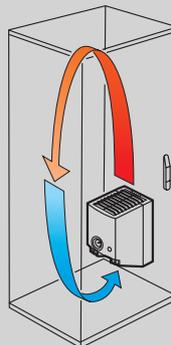
Heating

■ Dimensions

Resistance heaters
Cat. Nos. 0353 06/07/08/09
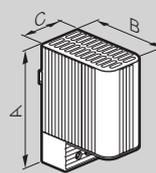
Cat. Nos.	Power	A	B	C
0353 06	20 W	98	75	38
0353 07	50 W	110	90	60
0353 08	100 W	110	90	60
0353 09	150 W	150	90	60

Vertical installation at the bottom of the enclosure
Air circulation :
- ensure clearance >50 mm all round the device
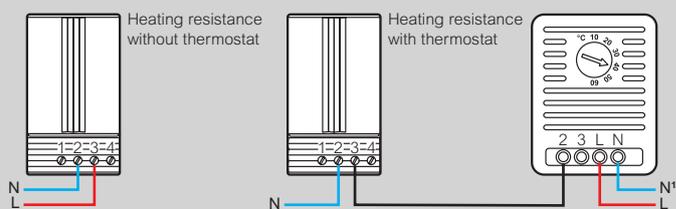- do not cover

Thermostat
Cat. No. 0348 47

51
67
34
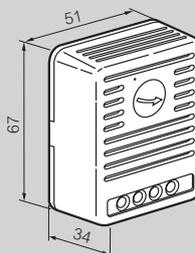
Vertical installation at the bottom of the enclosure
Recommended clearance around heat regulation products for optimal air circulation :
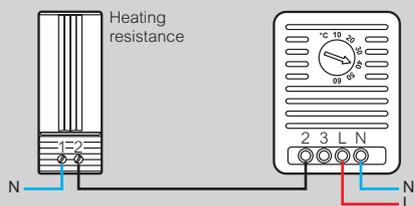- ensure clearance >50 mm all round the device
- do not cover

■ Wiring diagram

Cat. Nos. 0353 07/08/09

Heating resistance without thermostat

Heating resistance with thermostat

1=2=3=4
N
L

1=2=3=4
N

°C 10
2 3 L N
N¹
L

Cat. No. 0353 06   Thermostat Cat. No. 0348 47

Heating resistance

1=2
N

°C 10
2 3 L N
N¹
L

1 : Connection accelerating resistance

Tough Plexo³ weatherproof enclosures

Your DIN rail equipment is in safe hands with Plexo³. House up to 72 modules over 4 rows in this fully reversible, fully reliable range of enclosures.

STRONG AND WEATHERPROOF

IP 65: weatherproofing and UV treatment guaranteed for applications in damp places

IK 09: enhanced impact resistance (shock–resistant polystyrene)

Double closing point to ensure a good seal

FAST, SIMPLE INSTALLATION

Removable faceplate: easier maintenance on individual rows

Rails can be removed one by one

Removable chassis for wiring outside the enclosure

CLEVER, TIME SAVING ACCESSORIES

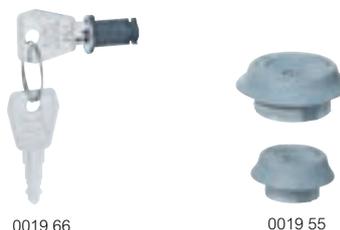**Knockout cable entries at the top and bottom of the enclosure**

Cable glands can be fitted according to your requirements

Hinged doors open fully for easy access to cables

Plexo³ weatherproof enclosures and accessories

IP 65 - IK 09

6019 74

6019 83

0019 66

0019 55

Technical information and dimensions **p. 32**

IP 65 - IK 09 - Class II
Self-extinguishing : resistance to incandescent wire 650 °C
Conform to EN 60439-3
Door and enclosure fully reversible
Removable chassis and faceplates from 2 row versions up
2 position rail for modular products and moulded cases
Spacing between rails 150 mm
Can be fitted with perforated plates and solid faceplates for mounting non-modular products
Lockable door handle, sealable cover and faceplate
Shock-resistant polystyrene material
Box colour light grey L750A, cover colour dark grey R746A
Supplied with earth and neutral terminal blocks (except Cat. No. 6019 32)

Pack	Cat. Nos.	Enclosures 2 to 8 modules per row	
		Number of rows	Number of modules
1	6019 32	1	2 (+1)
1	6019 74	1	4
1	6019 76	1	6
1	6019 78	1	8

Pack	Cat. Nos.	Enclosures 12 modules per row	
		Number of rows	Number of modules
1	6019 81	1	12
1	6019 82	2	24
1	6019 83	3	36

Pack	Cat. Nos.	Enclosures 18 modules per row	
		Number of rows	Number of modules
1	6019 85	1	18
1	6019 86	2	36
1	6019 87	3	54
1	6019 88	4	72

Pack	Cat. Nos.	Accessories
		Installation supports for terminal blocks
		Set of 2 supports for mounting additional terminal blocks or empty supports for screw terminal blocks into Plexo³ enclosures
1	0019 72	For 1 and 2 row enclosures, 12 and 18 modules per row
1	0019 73	For 3 and 4 row enclosures, 12 and 18 modules per row
		Key lock
1	0019 66	N° 850
		Sealing kit
1	0019 68	Set of 2 sealable terminal shields for cover and 8 sealable supports for faceplate
		Wall mounting brackets
1	0019 69	Set of 4
		Blanking plates
20	0019 61	5, separable into modules or 1/2 module Grey R746A
20	0016 64	Lexic for 18 modules enclosure White
		Direct piercing end caps
1	0019 55	Pack consisting of 2 32Ø mm ISO end caps, 5 Ø25 mm ISO end caps and 10 Ø20 mm ISO end caps
		Plain faceplates
2	0019 64	For 12 modules enclosure
2	0019 65	For 18 modules enclosure
		Perforated plates
		Allow the DIN rail to be replaced with a Lina 25 plate when integrating non-modular products
2	0019 62	For 12 modules enclosure Height 150 mm
2	4018 53	For 18 modules enclosure Height 150 mm
		ISO M20 cable gland
25	0980 03	Cable gland IP68

Plexo³ weatherproof enclosures and accessories

IP 65 - IK 09 (continued)

■ Dimensions

Enclosures 2, 4, 6 and 8 modules per row
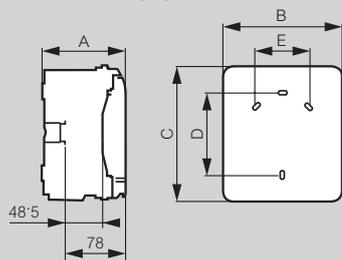
Cat. Nos.	Dimensions (mm)				
	A	B	C	D	E
6019 32	109	93	174	94	–
6019 74	115.6	128	200	120	–
6019 76	115.6	164	200	120	70
6019 78	115.6	200	200	120	106

Enclosures 12 and 18 modules per row
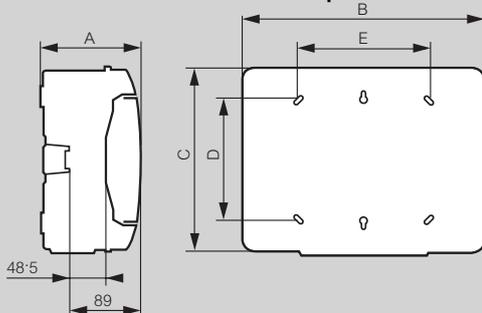
Cat. Nos.	Dimensions (mm)				
	A	B	C	D	E
6019 81	141	340	282	180	180
6019 82	161	340	432	330	180
6019 83	161	340	622	480	180
6019 85	141	448	282	180	288
6019 86	161	448	432	330	290
6019 87	161	448	622	480	290
6019 88	161	448	822	680	290

■ Fixing centres

Fixing the enclosure on the wall

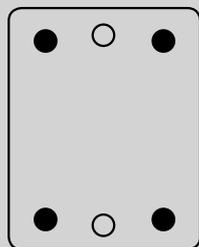Each enclosure is equipped with knockout entries for 2 wall fixing methods :

Hanging fixing

1 point in the middle, 2 points at the bottom
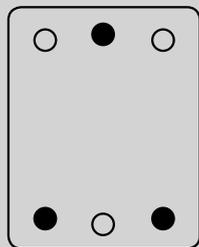
Adjustable peripheral fixing

4 fixing points

■ Number of knockouts on each side

Cat. Nos.	Top/bottom			Left/right		
	Ø20 mm	Ø25 mm	Ø32 mm	Ø20 mm	Ø25 mm	Ø32 mm
6019 32	2	–	–	–	–	–
6019 74	2	1	–	2	–	–
6019 76	4	1	–	2	–	–
6019 78	6	1	–	2	–	–
6019 81	7	2	2	–	–	2
6019 82	13	2	2	–	–	3
6019 83	13	2	2	–	–	4
6019 85	12	2	3	–	–	2
6019 86	13	4	3	–	–	3
6019 87	13	4	3	–	–	4
6019 88	13	4	3	–	–	5

■ Direct piercing end caps

Cat. No.	Type	Number of end caps per pack	Ø	
			Min. (mm)	Max. (mm)
0019 55	ISO 20	10	4	13
	ISO 25	5	9	18
	ISO 32	2	12	25

All dimensions (mm) are nominal

terminal shield boxes

with rail ⌐⌐

0013 01   0013 04   0013 06   0013 08

| Pack	Cat. Nos.	**Terminal shield boxes**

Distribution boxes - 1 to 9 modules
IP 30 - IK 05
Conform to IEC 60439-3
White RAL 9010
Self-extinguishing
Supplied with terminal block (box for 6 modules or more)
Covers can be sealed and clipped on directly
(except for box for 9 modules)

Pack	Cat. Nos.	Capacity in 17·5 mm modules	Dimensions (mm) Height x Width x Depth
10	0013 01	1	140 x 30 x 72
10	0013 02	2	140 x 50 x 72
10	0013 04	4	160 x 90 x 74
5	0013 06	6	160 x 128 x 74
1	0013 08	(8 + 1)	180 x 190 x 83
10	0013 98	Membrane gland for boxes Cat. Nos. 0013 01 to 08	
10	0016 64	Lexic blank plate – 18 modules	

■ Dimensions

Cat. Nos. 0013 01/02/04/06/08
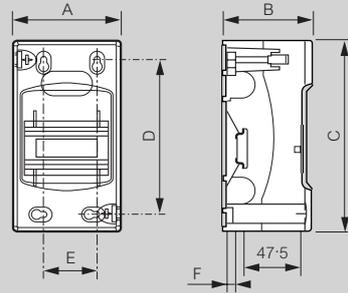
Cat. Nos.	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
0013 01	30	72	140	120	10	7
0013 02	50	72	140	115	25	7
0013 04	90	74	160	130	45	7
0013 06	128	74	160	125	80	7
0013 08	190	83	180	130	120	14·5

Cat. No. 0013 98
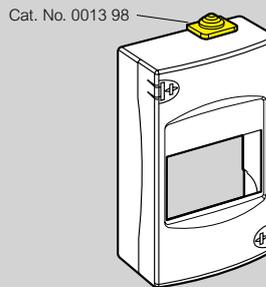
Entry via tube or cable

All dimensions (mm) are nominal

Plexo weatherproof boxes

selection chart

DIMENSIONS	CABLE ENTRY	INDUSTRIAL BOXES					ACCESSORIES	
	Cable entry type	With IP 55 plain clip-on covers	With IP 55 covers		With IP 55 plain hinged covers - 2 x 1/4 turn fixings	With IP 66 plain covers	Mounting plates	Hinge kit accessories
Internal dimensions (mm) Height x Width x Depth			Plain	Transparent				
Ø 60 x 40	membrane	0920 01	–	–	–	–	–	–
Ø 70 x 45	membrane	0920 02	–	–	–	–	–	–
65 x 65 x 40	membrane	0920 05	–	–	–	–	–	–
80 x 80 x 45	none	0920 11	–	–	–	–	–	–
80 x 80 x 45	membrane	0920 12	–	–	–	–	–	–
80 x 80 x 45	knockout	0920 14	–	–	–	–	–	–
105 x 105 x 55	membrane	–	0920 22	–	–	–	–	–
105 x 105 x 55	none	–	0920 20	–	–	–	–	–
105 x 105 x 55	knockout	–	0920 24	–	–	–	–	–
130 x 75 x 74	none	–	0359 00	–	–	0350 07	–	–
130 x 130 x 74	membrane	–	0920 32	–	–	–	0358 10	–
130 x 130 x 74	none	–	0359 30	–	–	0350 13	0358 10	0358 00
155 x 110 x 74	membrane	–	0920 42	–	–	–	0358 11	–
155 x 110 x 74	none	–	0359 40	–	–	0350 17	0358 11	0358 00
180 x 140 x 86	none	–	0359 50	0359 51	–	0350 22	0358 12	0358 00
220 x 170 x 86	none	–	0359 60	0359 61	–	0350 28	0358 13	0358 00
220 x 170 x 140	none	–	–	–	0921 22	–	0350 90	–
265 x 174 x 154	none	–	–	–	0350 43	–	0350 92	–
270 x 170 x 86	none	–	0359 70	0359 71	–	0350 33	0358 14	0358 00
310 x 240 x 124	none	–	0359 80	–	–	0350 44	0358 15	0358 01
310 x 240 x 160	none	–	–	–	0922 84	–	0350 93	–
359 x 265 x 154	none	–	–	–	0350 58	–	0350 94	–
360 x 270 x 124	none	–	0359 90	–	–	0350 47	0358 16	0358 01

Plexo weatherproof boxes

IP 55 - IK 07

0921 01


0921 26

0921 36

0921 36

Selection chart **p. 34**
Dimensions **opposite**

IP 55 - IK 07
Grey RAL 7035
Conform to EN 60695-2-1
Polystyrene box and polypropylene cover - halogen free
Temperature rating : –25 °C to +40 °C
Self-extinguishing 650 °C
Membrane glands
Plain cover

Pack	Cat. Nos.	**Weatherproof boxes – round**
		With fixing slots for easy alignment Use 5 mm Ø screws Clip-on cover
		Nominal internal dimensions : Ø x Depth
		Ø 60 mm x 40 mm
5	0920 01	4 glands
		Ø 70 mm x 45 mm
5	0920 02	4 glands
		Weatherproof boxes – square
		With fixing slots for easy alignment Use 5 mm Ø screws Clip-on cover
		Nominal internal dimensions : Height x Width x Depth
		65 x 65 x 40 mm
5	0920 05	7 glands
		80 x 80 x 45 mm
5	0920 12	7 glands
		80 x 80 x 45 mm
5	0920 14	With pre-cut knockouts
		Weatherproof boxes – square class II
		Mounting by : • either internal fixing points - use 5 mm Ø screws • or at three corners outside the wiring area Use 4 mm Ø screws Provision for anti-tamper seal Cover with 4 x 1/4 turn fixings, indicated I-O, can be retained open during installation
		Nominal internal dimensions : Height x Width x Depth
		105 x 105 x 55 mm
5	0920 22	7 glands
		105 x 105 x 55 mm
5	0920 24	With pre-cut knockouts

Dimensions (mm)

Cat. No. 0920 01
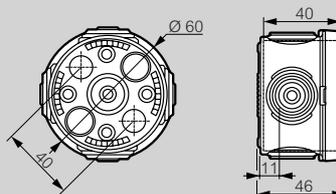
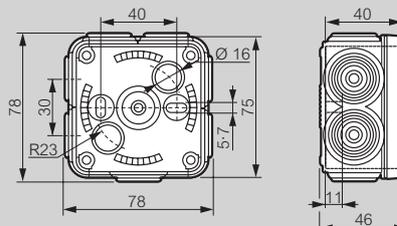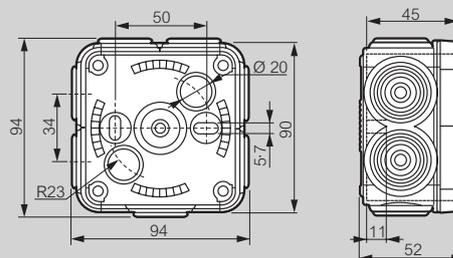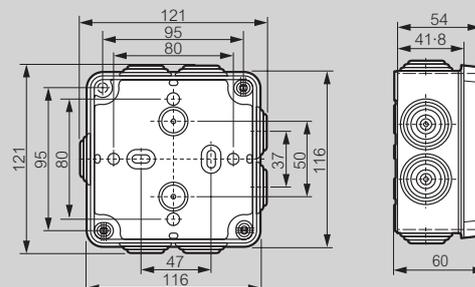### Cat. No. 0920 02
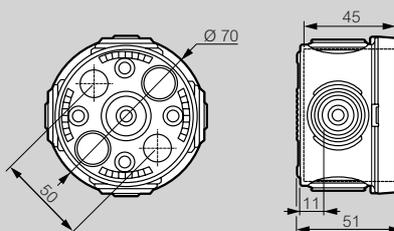
Cat. No. 0920 05

Cat. Nos. 0920 12/14

Cat. Nos. 0920 22/24

Plexo weatherproof boxes

IP 55 - IK 07

0920 11

0359 40

Selection chart **p. 34**
Technical information and dimensions **p. 37**

IP 55 - IK 07
Grey RAL 7035
Conform to EN 60695-2-1
Temperature rating : – 25 °C to + 40 °C
Undrilled with smooth sides

Pack	Cat. Nos.	**Weatherproof boxes – class II**
		Self-extinguishing 650 °C Polystyrene box and polypropylene cover - halogen free With fixing slots for easy alignment - use 5 mm Ø screws Clip-on plain cover Mounting by : • either internal fixing points - use 5 mm Ø screws • or at three corners outside the wiring area - use 4 mm Ø screws Provision for anti-tamper seal Cover with 4 x 1/4 turn fixings, indicated I-O, can be retained open during installation Nominal internal dimensions : Height x Width x Depth (mm)
5	0920 11	80 x 80 x 45
5	0920 20	105 x 105 x 55

Weatherproof boxes – class II

Self-extinguishing 750 °C
Polypropylene box
Plain cover : polypropylene³
Transparent cover : polycarbonate
Halogen free
Class II protection ensured by the mounting screw protection plugs
Detachable clip-on cover retainer (except for 310 x 240 and 360 x 270 boxes)
Side mounts for IP 2X terminals provided (except for 130 x 75 x 74 mm boxes)
1/4 turn fixings to seal cover
With fixing slots for easy alignment
Option mounting equipment on rail or plain plate

Pack	Cover Plain	Transparent	Nominal internal dimensions : Height x Width x Depth (mm)
1	0359 00		130 x 75 x 74
1	0359 30¹		130 x 130 x 74
1	0920 32		130 x 130 x 74 (10 membrane gland fitted for 4-25 mm cable or conduit)
1	0359 40¹		155 x 110 x 74
1	0920 42		155 x 110 x 74 (10 membrane gland fitted for 4-25 mm cable or conduit)
1	0359 50¹	0359 51¹	180 x 140 x 86
1	0359 60¹	0359 61¹	220 x 170 x 86
1	0359 70²	0359 71²	270 x 170 x 86
1	0359 80²		310 x 240 x 124
1	0359 90²		360 x 270 x 124

1 : Accepts Cat. No. 0358 00 hinges
2 : Accepts Cat. No. 0358 01 hinges
3 : Except Cat. No. 0359 80 : polycarbonate
4 : Not suitable for PVC range

Plexo weatherproof boxes

IP 66 - IK 08

0350 13

0350 28

0358 00

0358 02

Technical information and dimensions **p. 37**

Pack	Cat. Nos.	**Weatherproof boxes – class II ⊡ 500 V**
		IP 66 - IK 08 Grey TO 29 Conform to EN 60695-2-1 Temperature rating : – 25 °C to + 80 °C Undrilled with smooth sides Self-extinguishing 750 °C Polycarbonate - halogen free Detachable clip-on cover retainer (except for 310 x 240 and 360 x 270 mm boxes) Side mounts for IP 2X terminals provided (except for 130 x 75 x 74 mm boxes) Sealable plain cover with captive 1/4 turn fixings Nominal internal dimensions : Height x Width x Depth (mm)
1	0350 07	130 x 75 x 74
1	0350 13¹	130 x 130 x 74
1	0350 17¹	155 x 110 x 74
1	0350 22¹	180 x 140 x 86
1	0350 28¹	220 x 170 x 86
1	0350 33²	270 x 170 x 86
1	0350 44²	310 x 240 x 124
1	0350 47²	360 x 270 x 124

Pack	Cat. Nos.	**Accessories**
		Metal mounting plates Galvanised steel - 1·5 mm thick For box size :
5	0358 10	130 x 130 mm
5	0358 11	155 x 110 mm
5	0358 12	180 x 140 mm
5	0358 13	220 x 170 mm
5	0358 14	270 x 170 mm
5	0358 15	310 x 240 mm
5	0358 16	360 x 270 mm
		Set of 2 hinges⁴ UV protected polyamide in dark grey (RAL 7016)
1	0358 00	For box 130 x 130 mm to 270 x 170 mm
1	0358 01	For box 310 x 240 mm to 360 x 270 mm
		Set of 4 wall mounting brackets
1	0358 02	For boxes from width 110 mm For wall fixing, supplied with screws

Nylbloc terminal strips **p. 39**
Line taps **p. 39**
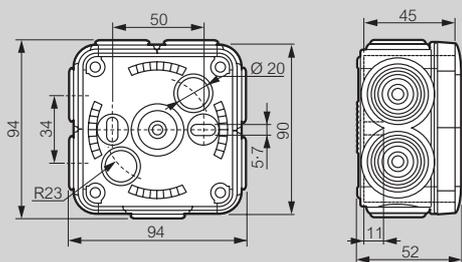Distribution blocks **p. 40-43**
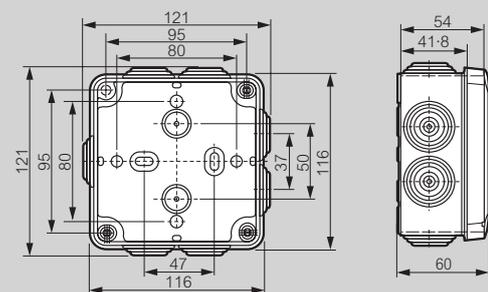
Plexo weatherproof boxes

IP 55 - IK 07 and IP 66 - IK 08
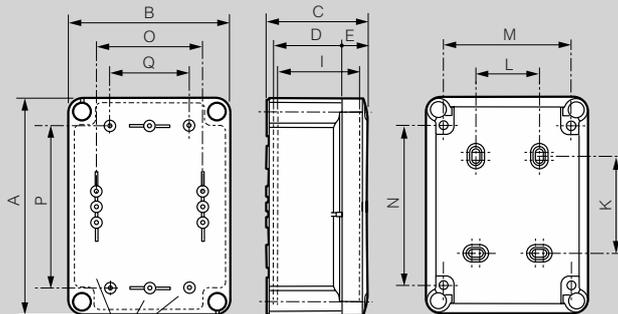
■ Dimensions (mm)

Cat. No. 0920 11

Cat. No. 0920 20

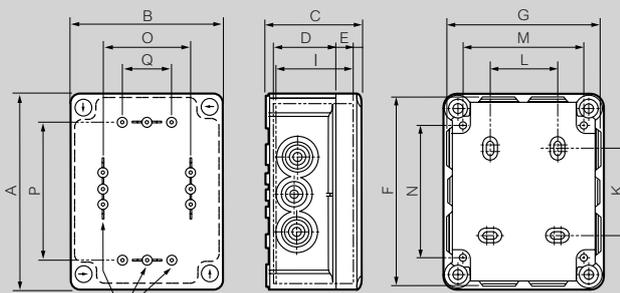### Boxes IP 55 – IK 07 and IP 66 – IK 08


Fixings for accessories (screw Ø 4 mm)

Boxes	Dimensions (mm)						Fixing points (mm)				Fixing accessories (screw Ø 4 mm)		
Cat. Nos.	A	B	C	D	E	I	K	L	M	N	O	P	Q
0359 00 0350 07[1]	140	85	81	56	18	67	70	-	65	120	51	106	–
0359 30 0350 13	150	150	81	56	18	67	54	70	120	103	106	106	84
0359 40 0350 17	175	130	81	56	18	67	79	50	100	128	86	131	64
0359 50/51 0350 22	200	160	94	69	18	80	104	50	130	153	116	156	94
0359 60/61 0350 28	240	190	94	69	18	80	144	80	160	193	146	196	124
0359 70/71 0350 33	290	190	94	69	18	80	194	80	160	243	146	246	122
0359 80 0350 44	332	262	132	97	27	116	220	160	222	276	200	260	150
0359 90 0350 47	382	292	132	97	27	116	270	190	252	326	230	310	150

1 : Not suitable for direct mounting of IP 2X terminals, use with DIN rail or 12 x 2 mm metal rail (Cat. No. 0048 19 p. 40)

Cat. Nos. 0920 32 and 0920 42

Fixings for accessories (screw Ø 4 mm)

Boxes	Dimensions (mm)								Fixing points (mm)				Fixing accessories (screw Ø 4 mm)		
Cat. Nos.	A	B	C	D	E	I	F	G	K	L	M	N	O	P	Q
0920 32	150	150	81	56	18	67	149	149	54	70	120	103	106	106	84
0920 42	175	130	81	56	18	67	173	128	79	50	100	128	86	131	64

■ Metal mounting plates
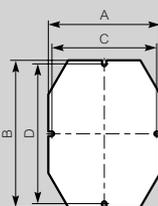
Cat. Nos.	A (mm)	B (mm)	C (mm)	D (mm)
0358 10	114	114	106	106
0358 11	94	139	86	131
0358 12	124	164	116	156
0358 13	154	204	146	196
0358 14	154	254	146	246
0358 15	211	271	200	260
0358 16	241	321	230	310

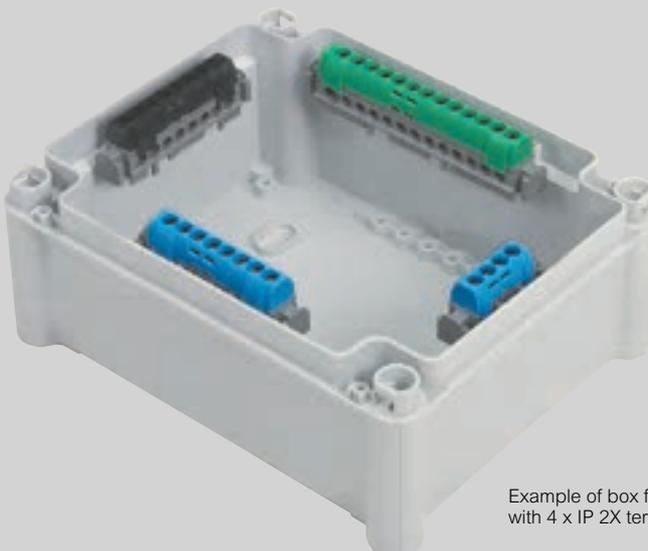## ■ IP 2X terminal acceptance[2] chart see p. 41

Not suitable for direct mounting on to PVC range nor 130 x 75 x 74 mm boxes

Boxes	4 way	8 way	13 way	17 way	22 way	28 way
130 x 130 x 74	x	x	–	–	–	–
155 x 110 x 74	x	x	x	–	–	–
180 x 140 x 86	x	x	x	–	–	–
220 x 170 x 86	x	x	x	x	x	–
310 x 240 x 124	x	x	x	x	x	x
360 x 270 x 124	x	x	x	x	x	x

2 : Also accepts partly shrouded terminals

■ Thickness of walls

Up to 220 x 170 box = 2 mm
Above this size = 3 mm

Example of box fitted with 4 x IP 2X terminals

L1 legrand

Plexo weatherproof boxes

increased depth PVC range

0921 22

0350 43

Selection chart **p. 34**
Dimensions opposite and **p. 39**

Grey RAL 7035
Operating temperature : – 20 °C to +50 °C
PVC box and cover
Self-extinguishing : 750 °C for Cat. Nos. 0350 43 and 0922 84
960 °C for Cat. Nos. 0350 58 and 0921 22
Deep weatherproof plastic industrial equipment boxes with smooth sides
Fixing options :
- inside : 4 oblong holes at back of box
- outside : cabling volume at 4 corners with Ø 4 screws
- with wall mounting brackets (Cat. No. 0364 08) for 310 x 240 boxes
Option of mounting equipment on rail or on plain plate at back of box
1/4 turn opening/closing

Pack	Cat. Nos.	**Weatherproof boxes – IP 55**
		Nominal internal dimensions : Height x Width x Depth (mm)
		Depth 140 mm
2	0921 22	IK 07 - IP 55 220 x 170 x 140 mm - (1/4 turn cover fixings)
		Depth 154 mm
2	0350 43	IK 08 - IP 55 265 x 174 x 154 mm - (1/4 turn cover fixings with hinges)
1	0350 58	359 x 265 x 154 mm - (1/4 turn cover fixings with hinges)
		Depth 160 mm
1	0922 84	IK 08 - IP 55 310 x 240 x 160 mm - (1/4 turn cover fixings with hinges)
		Accessories
		Metal mounting plates
		Galvanised steel - 1·5 mm thick For PVC box size :
5	0350 90	220 x 170 mm
5	0350 92	265 x 174 mm
5	0350 93	310 x 240 mm
1	0350 94	359 x 265 mm
		Set of 4 wall mounting brackets
1	0364 08	For PVC box size 310 x 240 mm only

PVC boxes are not provided with side mounts for IP 2X terminals
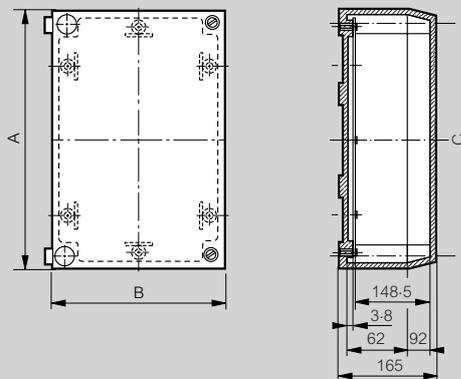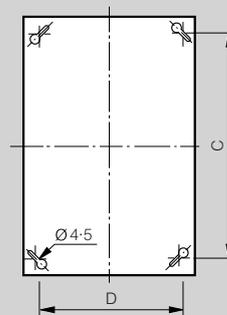
Dimensions (mm)
Cat. No. 0921 22

Mounting plate

140   233   200   183   132·6   60·7   79·6   146

Fixing dimensions

80   144   212   162

Cat. Nos. 0350 43/58

148·5   3·8   62   92   165

Fixing dimensions

Ø 4·5
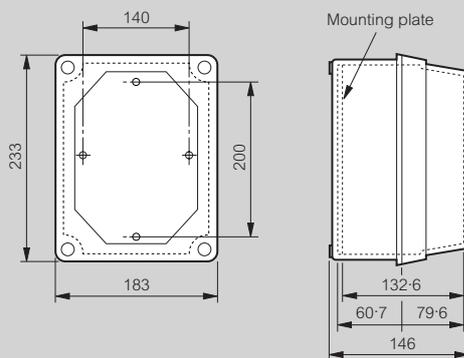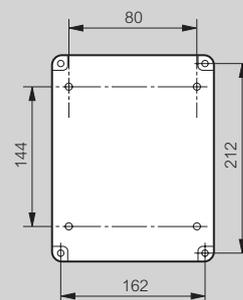
Cat. Nos.	Dimensions		Fixing points		Weight (kg)
	A (mm)	B (mm)	C (mm)	D (mm)	
0350 43	273	182	246	155	1·08
0350 58	367	273	340	246	1·80

Plexo weatherproof boxes

increased depth PVC range (continued)

Nylbloc™ terminal strips and line taps

0342 13

0342 25

0 340 03

0 340 33   0 340 42   0 340 45

■ Dimensions (mm)

Cat. No. 0922 84

321
282
9·2
251
146
12·3
78   82
190

Fixing dimensions

211
Ø 4·5
282   342
271
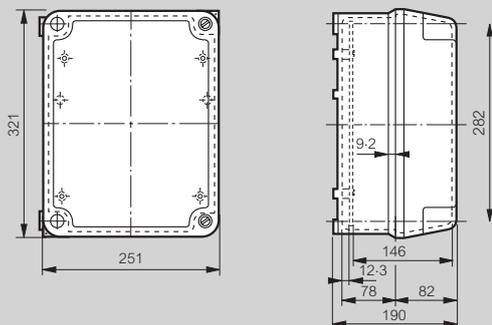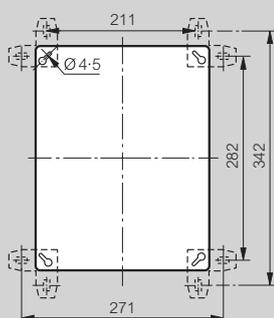
■ Mounting plates for PVC boxes

Cat. No. 0350 90

200 212
154

Cat. No. 0350 92

234 250
142

Cat. No. 0350 93

202 280
202
214

Cat. No. 0350 94

185 326
242
258
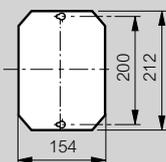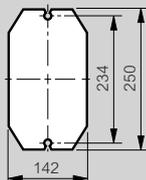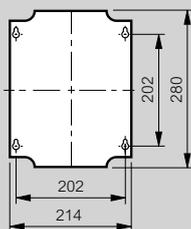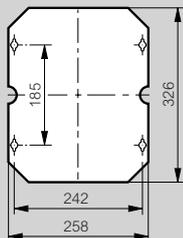
Nylbloc terminal strips

According to EN 60998-2-1, the rated insulation voltage of Nylbloc terminal strips is 250 V
They may be used under 400 V nominal voltage supply when integrated in equipment designed according to EN 60664-1 with pollution degree 2 and overvoltage category III
12 way strips with captive screws
Supplied with screws undone
Flame retardant polypropylene (–25 °C to +100 °C)
Ambient temperature from –25 °C to +55 °C

Pack	Cat. Nos.	Rated capacity (mm²)	Diameter Ø	Current max. (A)	Dimensions (mm)
	Black				
10	0342 11	2·5	2·5	24	15·6 x 94 x 12·3
10	0342 13	6	3·5	41	18 x 107 x 14·7
10	0342 15	10	4·5	57	20·8 x 136 x 17·4
10	0342 17	16	5·5	76	24·2 x 157 x 22·6
10	0342 19	25	7	101	33·2 x 214 x 27·8
	White				
10	0342 21	2·5	2·5	24	15·6 x 94 x 12·3
10	0342 23	6	3·5	41	18 x 107 x 14·7
10	0342 25	10	4·5	57	20·8 x 136 x 17·4
10	0342 27	16	5·5	76	24·2 x 157 x 22·6

Line taps

Strip of 10 separable line taps

Pack	Cat. Nos.	Capacity per tap (mm²)	Width (mm)
	With feet		
10	0340 00	2 x 6	15
10	0340 01	2 x 10	19.5
10	0340 02	2 x 16	21
10	0340 03	2 x 25	21.5
10	0340 04	2 x 35	25
	Without feet		
10	0340 30	2 x 6	15
10	0340 31	2 x 10	19.5
10	0340 32	2 x 16	21

Non-shear line taps
Hexagonal head

Pack	Cat. Nos.	Capacity per tap (mm²)	Width of slot (max. cable Ø in mm)	Overall height (mm)	Fixing centres (mm)
	Without feet				
20	0340 33	2 x 25	7.4	49	33
10	0340 34	2 x 50	9.5	59	44
	With feet				
20	0340 41	2 x 10			
20	0340 42	2 x 18	5.8	41	37
20	0340 43	2 x 30	7.4	49	37
10	0340 44	2 x 50	9.5	59	44
10	0340 45	2 x 75	11.7	71	62

⌐legrand

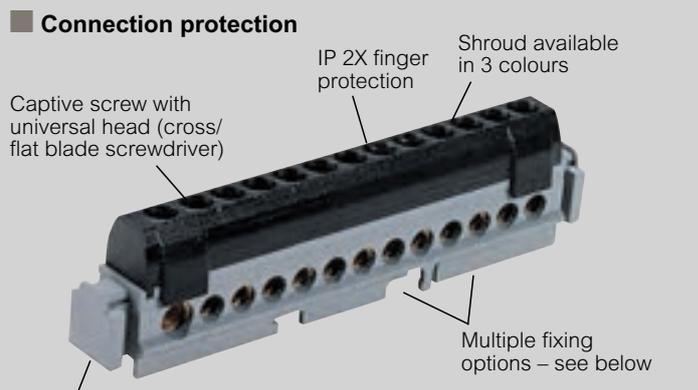## distribution terminal blocks

0048 03

0048 22

0048 32

Conform to standard IEC 60998-2-1
Supplied ready for use (screws captive and backed-off)
100 A max. - 400 V∿ with 25 mm² incoming
80 A max. - 400 V∿ with 16 mm² incoming
Ipk (kA) 60 : Icw (kA) 3·5

Unshrouded terminal blocks

Fix using M4 dia. screw

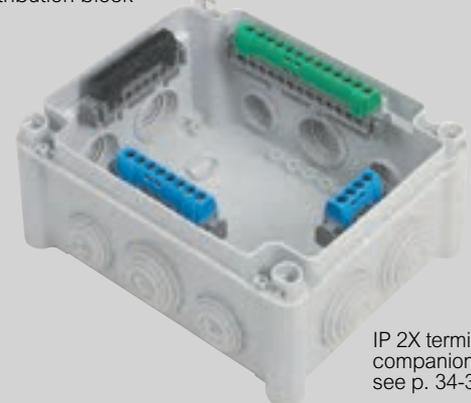| Pack	Cat. Nos.	Incoming capacity	Outgoing capacity	Terminal length (mm)
10	0048 01	1 x 6 to 25 mm²	4 x 1·5 to 16 mm²	45
10	0048 03	1 x 6 to 25 mm²	8 x 1·5 to 16 mm²	73
10	0048 05	1 x 6 to 25 mm²	14 x 1·5 to 16 mm²	122
10	0048 06	1 x 6 to 25 mm²	19 x 1·5 to 16 mm²	157
10	0048 07	1 x 6 to 25 mm²	24 x 1·5 to 16 mm²	192

Fully shrouded terminal blocks

Terminal blocks on support
Mounting on ⌐ or ⌐ rail with universal
terminal rail support Cat. No. 0048 11 or on
12 x 2 mm rail
Supplied with Duplix markers[1]

Pack	Cat. Nos.	Incoming capacity	Outgoing capacity	Terminal length (mm)
10	0048 20[1]	–	4 x 1·5 to 16 mm²	47
10	0048 22[1]	–	8 x 1·5 to 16 mm²	75
10	0048 24[1]	1 x 6 to 25 mm²	12 x 1·5 to 16 mm²	113
10	0048 25[1]	1 x 6 to 25 mm²	16 x 1·5 to 16 mm²	141

IP 2X terminal blocks on support
For fixing to 12 x 2 mm rail

Pack	Phase (black)	Neutral (blue)	Incoming capacity	Outgoing capacity	Terminal length (mm)
10	0048 50	0048 40	–	4 x 1·5 to 16 mm²	47
10	0048 52	0048 42	–	8 x 1·5 to 16 mm²	75
10	0048 54	0048 44	1 x 6 to 25 mm²	12 x 1·5 to 16 mm²	113
10	0048 55	0048 45	1 x 6 to 25 mm²	16 x 1·5 to 16 mm²	141
10	0048 56	0048 46	1 x 6 to 25 mm²	21 x 1·5 to 16 mm²	176
10	0048 58	0048 48	2 x 6 to 25 mm²	33 x 1·5 to 16 mm²	276

Pack	Earth (green)	Incoming capacity	Outgoing capacity	Terminal length (mm)
10	0048 30	–	4 x 1·5 to 16 mm²	47
10	0048 32	–	8 x 1·5 to 16 mm²	75
10	0048 34	1 x 6 to 25 mm²	12 x 1·5 to 16 mm²	113
10	0048 35	1 x 6 to 25 mm²	16 x 1·5 to 16 mm²	141
10	0048 36	1 x 6 to 25 mm²	21 x 1·5 to 16 mm²	176
10	0048 38	2 x 6 to 25 mm²	33 x 1·5 to 16 mm²	276

Supports for terminal blocks

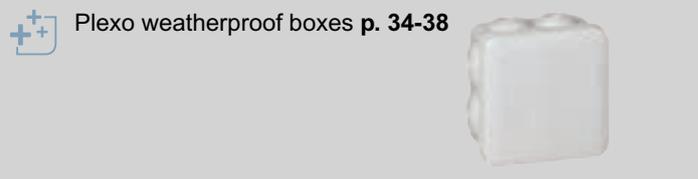| Pack	Cat. Nos.	
1	0048 10	**Terminal side support** Consists of two side supports for positioning of up to 4 x IP 2X terminal blocks with the same dimensions to create a 2, 3 or 4 pole distribution block
5	0048 11	**Terminal rail support** Adaptor support for ⌐ or ⌐ rail. Provides a firm fixing allowing IP 2X terminal blocks to be side or top mounted on to adaptor
5	0048 17	**35 hole empty support** For screw terminal blocks Length : 276 mm
10	0048 19	**Rail** 1 metre length of 12 x 2 mm terminal mounting rail - accepts partly and fully shrouded terminals

1 : Each terminal supplied with :
- 2 green Duplix markers (⏚) - 2 blue Duplix markers (N) - 2 red Duplix markers (L)

◼ Connection protection

Captive screw with universal head (cross/ flat blade screwdriver)

IP 2X finger protection

Shroud available in 3 colours

Fixes into side supports to construct a distribution block

Multiple fixing options – see below

IP 2X terminals are the ideal companion for Plexo boxes, see p. 34-38

◼ Use of terminal supports Cat. No. 0048 10

0048 10

Terminal supports Cat. No. 0048 10 fitted with fully shrouded terminals providing custom made distribution

0048 50

0048 11

0048 40

0048 22

0048 34
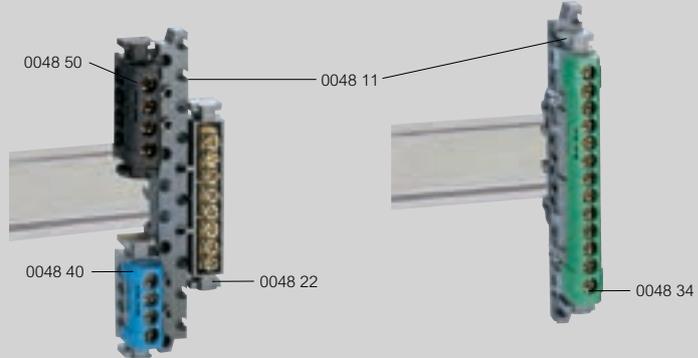
Adaptor support Cat. No. 0048 11 showing method of fixing terminals

Plexo weatherproof boxes **p. 34-38**

distribution blocks 40 to 160 A

modular style - rail or screw fixing

0048 88 + 0048 45 (p. 42)

0048 79

Conform to standard EN 60947-1
Insulation voltage according to EN 60947-1/IEC 60664-1 : 500 V
Impulse (surge) voltage (Uimp) : 8 kV
Degree of pollution : 3 (conductive dust)
Self-extinguishing 960 °C for active part supports
Connection with or without Starfix ferrules

Pack	Cat. Nos.	**Modular style blocks**

Fixing on rail ⌐ or on plate using 2 screws
Supplied complete with rear insulated plate and transparent cover
Bar identification possible using CAB 3 markers
When installing under a front plate a blank can also be clipped on to the front plate
Additional IP 2X terminals can be fitted
(see table opposite)

Double pole
Equipped with 2 bars

Pack	Cat. Nos.		Ways per bar	Capacity rigid (mm²)	Capacity flexible (mm²)	Ipk peak withstand current (kA)	Icw (kA)	Number of modules
5	0048 81	**40 A**	11	1·5 to 4	0·75 to 4	20	3	6
			2	6 to 16	4 to 10			
10	0048 80	**100 A**	5	2·5 to 10	1·5 to 10	20	4·5	4
			2	10 to 25	6 to 16			
5	0048 82	**125 A**	11	2·5 to 10	1·5 to 10	18	4·5	8
			2	10 to 25	6 to 16			
			2	10 to 35	10 to 25			

Four pole
Equipped with 4 bars

| Pack	Cat. Nos.		Ways per bar	Capacity rigid (mm²)	Capacity flexible (mm²)	Ipk peak withstand current (kA)	Icw (kA)	Number of modules
5	0048 85	**40 A**	11	1·5 to 4	0·75 to 4	20	3	6
			2	6 to 16	4 to 10			
10	0048 84	**100 A**	5	2·5 to 10	1·5 to 10	20	4·5	4
			2	10 to 25	6 to 16			
5	0048 86	**125 A**	7	2·5 to 10	1·5 to 10	20	4·5	6
			2	10 to 25	6 to 16			
			2	10 to 35	10 to 25			
5	0048 88[1]	**125 A**	11	2·5 to 10	1·5 to 10	14·5	4·2	8
			4	10 to 35	6 to 25[1]			
1	0048 79[1]	**160 A**	1	35 to 70	35 to 70	27	8·4	10
			8	2·5 to 10	1·5 to 10			
			4	10 to 25	6 to 16			
			2	10 to 35	10 to 25[1]			

1 : Supplied with short ferrule

CAB 3 markers **p. 70-73**
Starfix ferrules **p. 78-79**

Dimensions
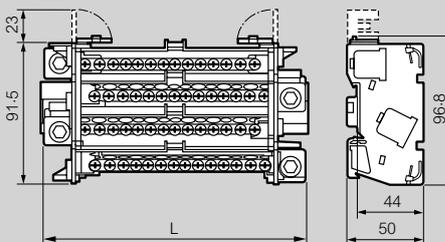
Double pole 40 - 100 - 125 A
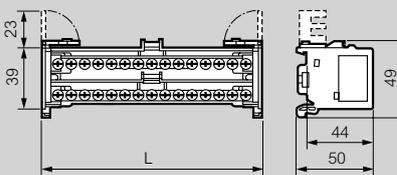
Cat. Nos.	Length (L)
0048 80	70
0048 81	105
0048 82	140

Four pole 40 - 100 - 125 A
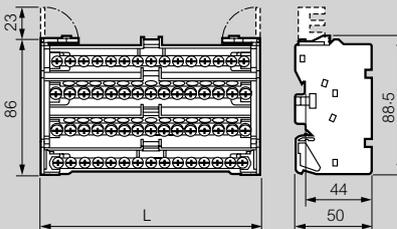
Cat. Nos.	Length (L)
0048 84	70
0048 85	105
0048 86	105
0048 88	140

Four pole 160 A

| Cat. Nos.	Length (L)
0048 79	179
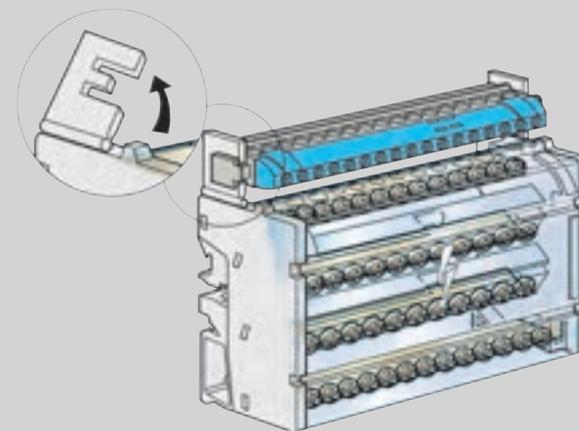
0048 88 + 0048 45 (p. 40)

Extend your wiring capability using IP 2X fully shrouded terminals (see p. 40) on the following :

Distribution block Cat. Nos.	IP 2X Terminal	Characteristics Voltage	Characteristics Rating
0048 80	0048 32[1]	400 V	80 A
0048 81	0048 34[1]	400 V	40 A
0048 82	0048 35[1]	400 V	100 A
0048 84	0048 42[2]	400 V	80 A
0048 85	0048 44[2]	400 V	40 A
0048 86	0048 44[2]	400 V	100 A
0048 88	0048 45[2]	400 V	100 A
0048 79	0048 45[2]	400 V	100 A
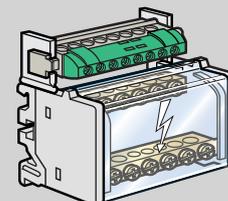
1 : ⏚ (green cover)
2 : Neutral (blue cover)

0048 80 + 0048 32 (p. 40)

distribution blocks 125 to 400 A

four pole

0374 00
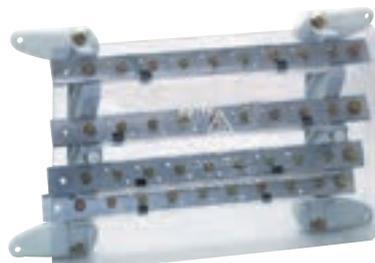
0373 08

Pack	Cat. Nos.	**Extra-flat distribution blocks for lugs**
1	0374 47	**125 A screw type** (60 mm depth) Ipk peak withstand current 25 kA Insulation voltage according to EN 60947-1/ IEC 60664-1 : 500 V Self-extinguishing : 960 °C Fix to ⊔ (15 mm high) or by M6 screws Four bars each equipped with :

	Incoming	Phase outgoing	Neutral outgoing	No. of 17·5 mm modules
	1 x 35 mm²	10 x 16 mm² M5 screw	17 x 16 mm² M5 screw	16

Clamp connection possible using connector
Cat. No. 0373 65 (p. 43)

Pack	Cat. Nos.	
1	0374 00	**250 A** (75·5 mm depth) Ipk peak withstand current 60 kA Insulation voltage according to EN 60947-1/ IEC 60664-1 : 1 000 V Self-extinguishing : 960 °C Fix to mounting plate by M6 screws Four bars each equipped with :

Incoming	Outgoing
150 mm²	either 1 x 70 mm² or 1 x 50 mm² plus 1 x 35 mm² or 2 x 35 mm² or 1 connector Cat. No. 0374 03

| Pack	Cat. Nos.	
10	0374 03	Connector for Cat. No. 0374 00 converts outgoing terminal to : • 1 x 1·5 to 6 mm² Ø 5·3 mm • 2 x 6 to 16 mm² Ø 7·5 mm Dimensions : 29 x 29 x 16·8 mm

Stepped distribution blocks for lugs

With front insulation sheet

Pack	Cat. Nos.	
1	0373 95	**125 A** (77 mm depth) Fix to ⊔ (15 mm high) or by M4 screws Four 12 x 4 mm bars each equipped with : • Five 2 x 10 mm² claw connectors per bar (not mounted)
1	0374 30	**125 A** (125 mm depth) Fix to mounting plate by M6 screws Four 15 x 4 mm bars each equipped with :

Incoming	Outgoing
1 x 35 mm² - M8 screw	5 x 25 mm² - M6 screw

Pack	Cat. Nos.	
1	0374 31	**160 A** (125 mm depth) Fix to mounting plate by M6 screws Four 18 x 4 mm bars each equipped with :

Incoming	Outgoing
1 x 70 mm² - M8 screw	5 x 35 mm² - M6 screw

Pack	Cat. Nos.	
1	0374 35	**250 A** (155 mm depth) Fix to mounting plate by M6 screws Four 25 x 4 mm bars each equipped with :

Incoming	Outgoing
1 x 120 mm² - M10 screw	5 x 50 mm² - M8 screw

Pack	Cat. Nos.	
1	0373 08	**400 A** (107 mm depth) Four 32 x 5 mm bars equipped with :

Incoming	Outgoing
2 x Ø 8·5 mm holes for bar/flexible bar	21 x M6 holes for 70 mm² max cable lugs

Extra-flat distribution blocks for lugs

125 A Cat. No. 0374 47

250 A Cat. No. 0374 00

M 8
Plate width : 35 mm

M 6
Plate width : 35 mm
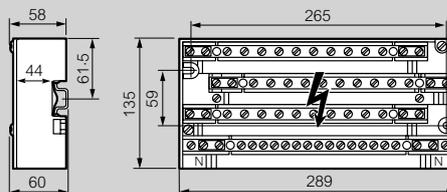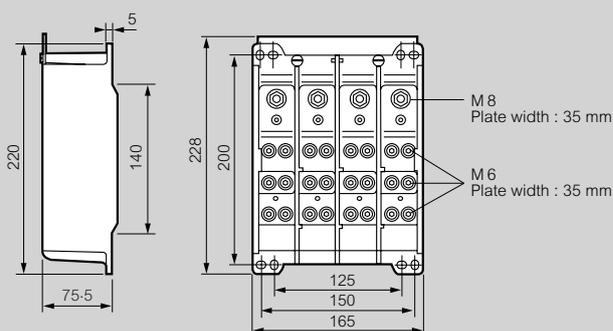
Stepped distribution blocks for lugs

125 A Cat. No. 0373 95 - Ipk peak withstand current 20 kA
Insulation voltage according to EN 60947-1/IEC 60664-1 : 600 V
Self-extinguishing : 850 °C
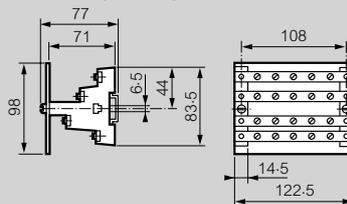
125/160/250 A Cat. Nos. 0374 30/31/35 - Ipk peak withstand current 35 kA
Insulation voltage according to EN 60947-1/IEC 60664-1 : 1 000 V
Impulse (surge) voltage (Uimp) : 12 kV
Degree of pollution : 3 (conductive dust)
Self-extinguishing : 850 °C
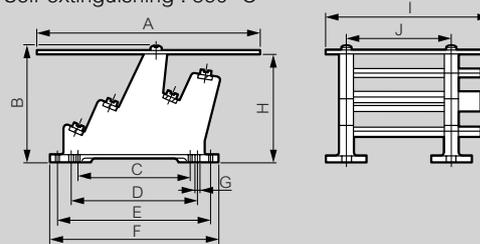
Dimensions (mm)

Rating	A	B	C	D	E	F	G	H	I	J
125 A	225	125	110	125	165	189	6·5	117·5	165	108
160 A	240	125	110	125	165	189	6·5	117·5	180	120
250 A	260	155	110	125	165	209	6·5	147·5	195	120

400 A[1] Cat. No. 0373 08 - Ipk peak withstand current 42 kA
Insulation voltage according to EN 60947-1/IEC 60664-1 : 1 000 V
Impulse (surge) voltage (Uimp) : 12 kV
Degree of pollution : 3 (conductive dust)
Self-extinguishing : 960 °C

1 : It is recommended that the unit is fitted horizontally with a minimum face plate height of 300 mm

distribution blocks

self assembly

0373 96   0373 98   0374 37

0374 33

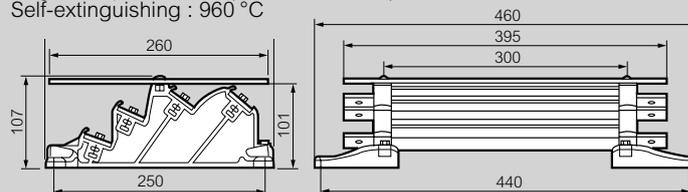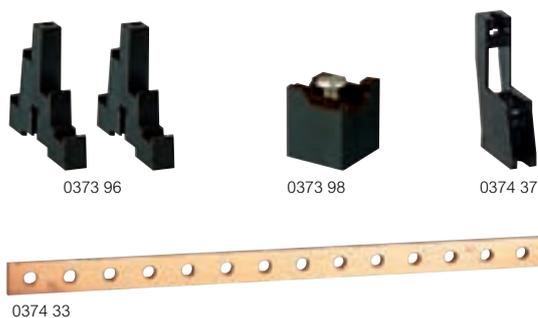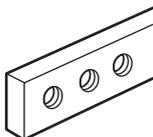| Pack	Cat. Nos.	
		Insulated supports (maximum 280 A)
		For assembling distribution blocks of varying lengths using bars and connectors below Supplied with insulated screws for mounting optional protective cover (except Cat. No. 0373 98)
		Set of 2 insulated 4 pole supports / **Mounting type**
5	0373 96	For bars 12 x 2 or 12 x 4 mm / DIN rail 0044 16 supplied or M4 screws not supplied
		Single pole supports
10	0373 98	For bars 12 x 2 or 12 x 4 mm / by M4 screws supplied
10	0374 37	For bars 15 x 4, 18 x 4 or 25 x 4 mm

Copper connector bars

With threaded holes

		Size (mm)	Threaded holes Ø mm	Pitch	Max. thermal rating (A)	Length (mm)
10	0373 88	12 x 2	M5	18	110	990
10	0373 89	12 x 4	M5	18	160	990
10	0374 33	15 x 4	M6	18	200	990
10	0374 34	18 x 4	M6	18	245	990
10	0374 38	25 x 4	M6	18	280	990
4	0374 19	32 x 5	M6	25	450	1 750

Connectors

Clamp type – For bars with threaded holes 12 x 4 (mm)
For one or two conductors
1·5 to 10 mm² (supplied with Ø 5 mm screw)

100	0373 65	

Clips

For mounting on rail EN 60715 and 15 mm depth

10	0044 16	10 mm width With threaded Ø 4 mm hole

Copper connector bars with threaded holes

Cat. Nos. 0373 88/89

990 — 12 — M5 — 9 — 18 — 18 — 18 — 18

Cat. Nos. 0374 33/34

990 — 15/18 — M6 — 9 — 18 — 18 — 18 — 18

Cat. No. 0374 38

990 — 25 — M6 — 9 — 18 — 18 — 18

Cat. No. 0374 19

1 750 — 32 — M6 — 9 — 50 — 50 — 50 — 50
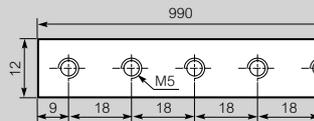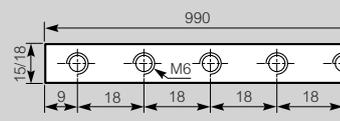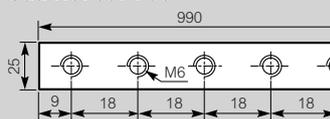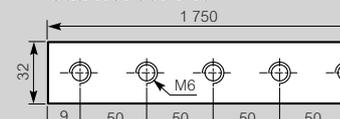
Cat. Nos.	Size	Ithe (A)	Ic (A)
0373 88	12 x 2	110	80
0373 89	12 x 4	160	125
0374 33	15 x 4	200	160
0374 34	18 x 4	245	200
0374 38	25 x 4	280	250
0374 19	32 x 5	450	400

Current ratings according to EN 60947-1 :
• Ith : bars in free air
• Ithe : bars enclosed with ventilation
• Ic : bars totally enclosed in a weatherproof enclosure

Insulated supports four pole

Insulation voltage according to EN 60947-1/IEC 60664-1 :
Cat. No. 0373 96 : 690 V - Impulse voltage (surge) (Uimp) : 8 kV
Degree of pollution (conductive dust) : 3
Distance between supports (mm)

Cat. Nos.	0373 96
Bar size	12 x 4 (12 x 2)
In (A)	125 (80)
Peak withstand current (kA)	
10	400 (200)
15	300 (150)
20	200 (125)
25	150 (100)
30	–
35	–
40	–

Cat. No. 0373 96

14 — 83 — 70
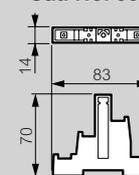
Insulated supports single pole

Insulation voltage according to EN 60947-1/IEC 60664-1 : 500 V
Impulse voltage (surge) (Uimp) : 8 kV
Degree of pollution (conductive dust) : 3

Cat. No. 0373 98

Front view for 12 x 2 mm bar
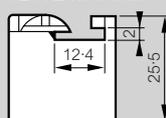
View from above
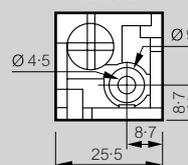
Cat. No. 0374 37

Front view for 12 x 4 mm bar
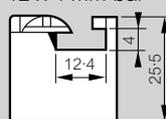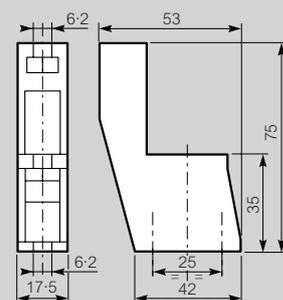
Max. space between 2 supports :
bar size 12 x 2 : 20 cm, 12 x 4 : 25 cm

The distance between supports can be determined using the chart
Select the peak withstand current (kA rating) and the distance between bars - dimension E (mm) after choosing your bar and support
Distance between supports (mm)

Cat. Nos.	0373 98				0374 37			
Bar size	12 x 2/12 x 4				15 x 4/18 x 4/25 x 4			
In (A)	80/125				160/200/245			
E (mm)	50	75	100	125	50	75	100	125
Peak withstand current (kA)								
10	400	600	800	–	350	600	750	–
15	300	450	600	800	250	400	500	700
20	250	350	450	600	150	225	300	375
25	200	250	300	400	125	150	200	250
30	–	–	–	–	100	125	150	175
35	–	–	–	–	–	100	125	150

TRANSCAB®...
uniquely innovative open slot trunking
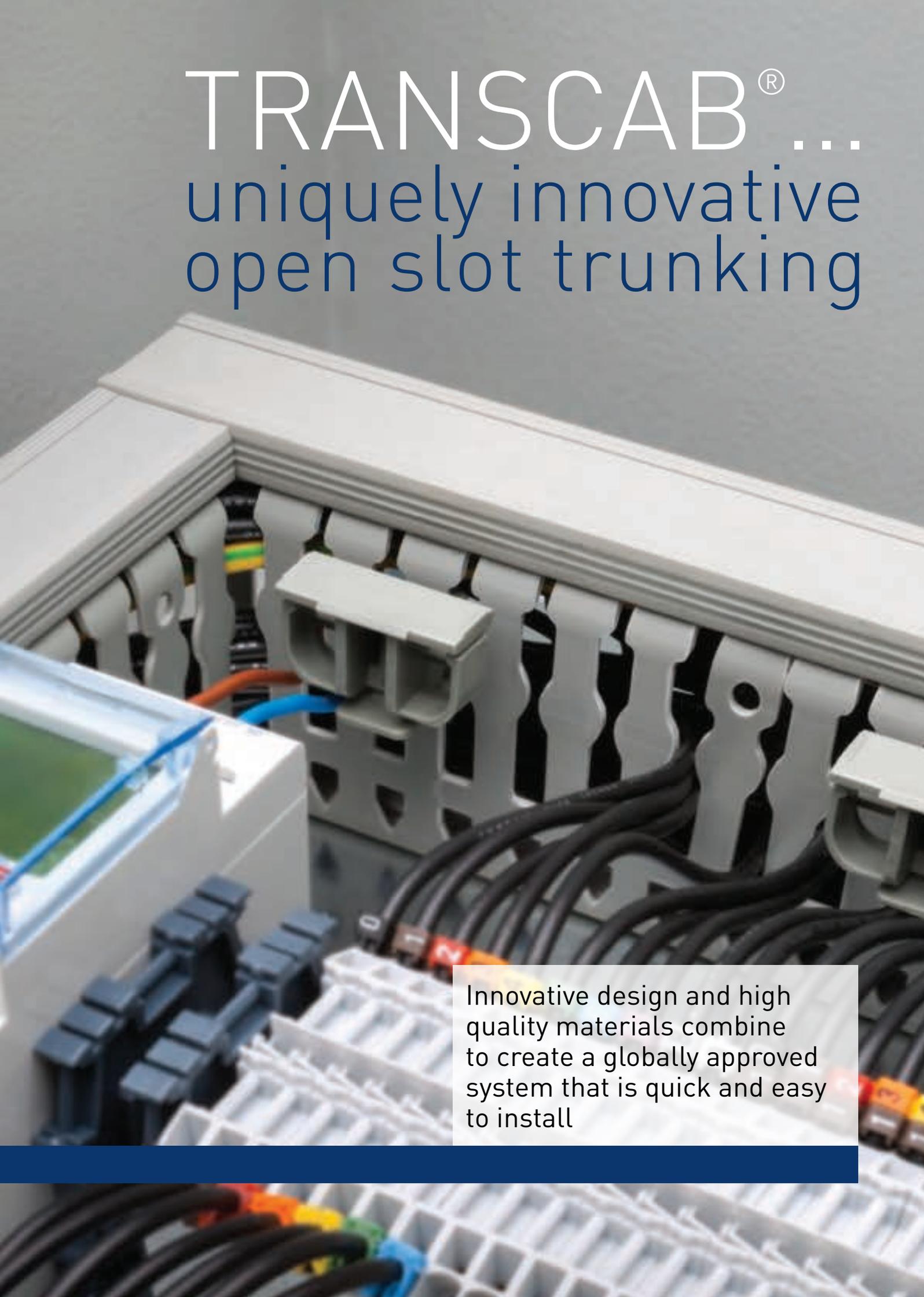
Innovative design and high quality materials combine to create a globally approved system that is quick and easy to install
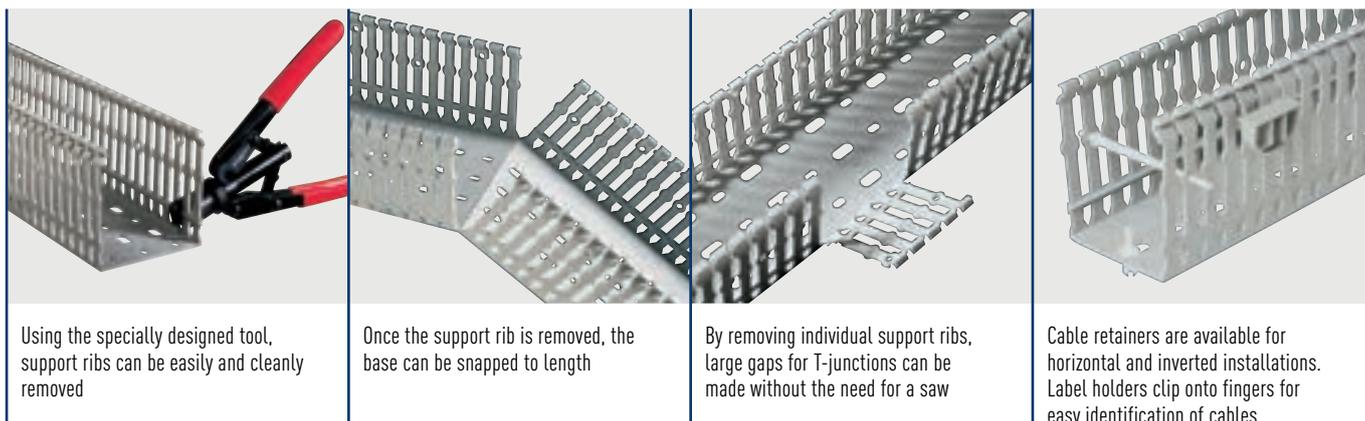
Using the specially designed tool, support ribs can be easily and cleanly removed

Once the support rib is removed, the base can be snapped to length

By removing individual support ribs, large gaps for T-junctions can be made without the need for a saw

Cable retainers are available for horizontal and inverted installations. Label holders clip onto fingers for easy identification of cables

With its innovative snap to length design, Transcab open slot panel trunking is quick and easy to install without compromising on quality. With its global standards approvals, Transcab is ideal for almost any industrial application.

Strength and flexibility

Transcab's durable PVC body consists of 6mm gaps and 6.5mm fingers with unique support ribs that provide strength and rigidity. Trunking fingers are easily removed by snapping at support rib or base level without the need for a saw.

FEATURES

- Snap to length design - for quick and simple installation without the need for a saw
- Rounded fingers - easily removed at support rib or base level to create T-junctions
- Clip-on covers with raised lines - for quick installation and easy label alignment
- Available in PVC and PC/ABS halogen-free versions - to suit a variety of applications
- Sizes : width x height - from 15 x 25mm to 150 x 100mm
  : supplied in 2m lengths

ACCESSORIES

- Unique cutting tool for removing support ribs - Cat. No. 0367 10
- Cable retainer - for vertical and inverted installations
- Label holder clips to fingers - for easy identification of cables

TECHNICAL DATA

APPROVALS: EN 50085 Parts 2 and 3, UL and CSA
SLOTTING: Open with 6mm gaps
FLAMMABILITY: UL94 VO rated
OPERATING TEMPERATURE: -5 to + 60ºC
COLOUR: Grey RAL 7030 (PVC), light grey RAL 7035 (PC/ABS halogen-free)

Transcab® open slot panel trunking

PVC and PC/ABS halogen free

Transcab® accessories

6361 25

6361 17

6362 17

6362 07

![UL]
![CSA]

0367 01 Cable retainer

0367 10 Support rib cutting tool

0367 02 Label holder

0361 95 Rivet

Dimensions and technical information **p. 47**
Accessories **opposite**

Conforms to EN 50085 Parts 2 and 3. UL and CSA approval
Material : PVC self-extinguishing or PC/ABS halogen free
Colour : grey RAL 7030 (PVC) or light grey RAL 7035 (PC/ABS)
PC/ABS range passes IEC 695-2-1 850 °C glow wire test
Operating temp. : –5 to +60 °C
UL classification : UL94 VO
Oxygen index : 43% (PVC) or 37% (PC/ABS) EN ISO 4589 (low fume)
Metric size body in 2 m lengths (6 mm gap/6·5 mm finger width)
DIN fixing centres of 12·5/25 mm
Maximum space for cables with good heat dissipation
Exit cables at terminal or base level

Plastic panel trunking (base + cover)
2 metre lengths

Pack	Cat. Nos.			
Metres per pack	PVC Grey RAL 7030	PC/ABS Grey RAL 7035 halogen free	Width x Height (mm)	Capacity (mm²)
32	6360 95		15 x 25	264
60	6361 00		25 x 25	391
56	6361 05		40 x 25	692
40	6360 96		15 x 40	455
56	6361 01		25 x 40	720
48	6361 06		40 x 40	1 245
32	6361 11		60 x 40	1 932
24	6361 15		80 x 40	2 647
24	6361 19		100 x 40	3 363
56	6361 02	6362 02	25 x 60	1 159
48	6361 07	6362 07	40 x 60	2 007
32	6361 12	6362 12	60 x 60	3 115
24	6361 16		80 x 60	4 200
24	6361 20		100 x 60	5 307
40	6361 03		25 x 80	1 600
40	6361 08		40 x 80	2 717
32	6361 13	6362 13	60 x 80	4 216
24	6361 17	6362 17	80 x 80	5 715
16	6361 21		100 x 80	7 215
16	6361 25	6362 25	120 x 80	8 729
24	6361 09		40 x 100	3 354
24	6361 14		60 x 100	5 216
20	6361 18		80 x 100	7 078
16	6361 22		100 x 100	8 960
12	6361 23		150 x 100	13 683

Spare covers
2 metre lengths

	PVC	Width (mm)
36	0370 10	15 - also used for marking[1]
36	0370 11	25
36	0370 12	40
36	0370 13	60
20	0370 14	80
20	0370 15	100
36	0370 16	120
36	0370 17	150

Pack	Cat. Nos.	
		Transcab cutting tool
1	0367 10	Tool for cutting 6 mm support ribs
		Cable retainer
50	0367 01	Cable retainer - clips through trunking fingers
		Marking accessories
		Label holder
50	0367 02	Label holder - (clips to finger) for marking
		Black felt tip pen
10	0395 98	Indelible for marking

Pack	Cat. Nos.	
		Fixing accessories
		To DIN rail
100	6361 90	Insulated Nylon fixing screws Ø 6 mm for fixing the panel trunking to DIN rail
		To plain plate
500	6361 95	Insulated plastic rivets Ø 6 mm for fixing the panel trunking to a plain plate without the need of a screw
		To enclosure door
20	0366 42	Material : polyamide 6/6 For fixing the panel trunking to an enclosure door Fits under warning lights or other auxiliary controls attached to door Enables direct mounting of trunking by a manual 1/4 turn

Braided sleeving

Material : black polyester
50 m roll in dispenser box
Used to protect runs of
cables to door equipment

		Ø of roll	Ø variations
1	0366 38	Ø 20 mm	10 - 30 mm
1	0366 39	Ø 30 mm	18 - 54 mm

1 : Clips to label holder Cat. No. 0367 02

Transcab® open slot panel trunking

■ Dimensions
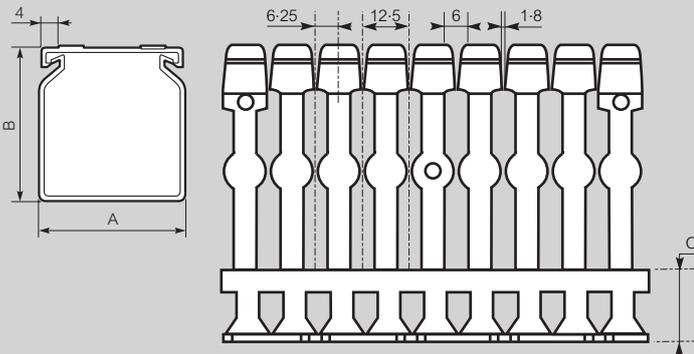
Trunking width 25 to 120 mm
6 mm gap – 6·5 mm finger width

■ Detail of base perforations
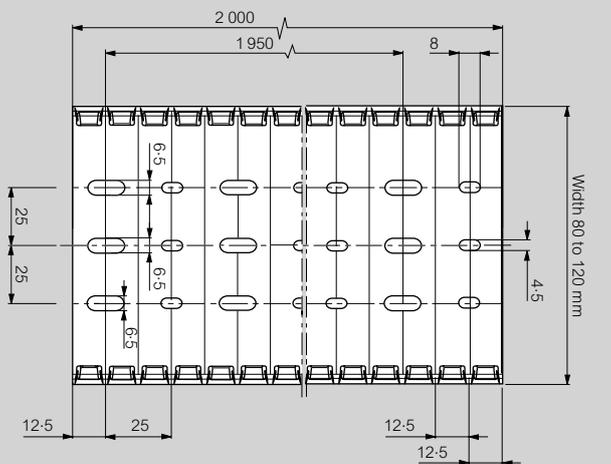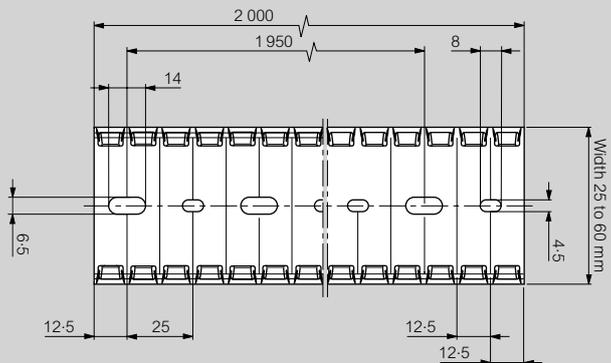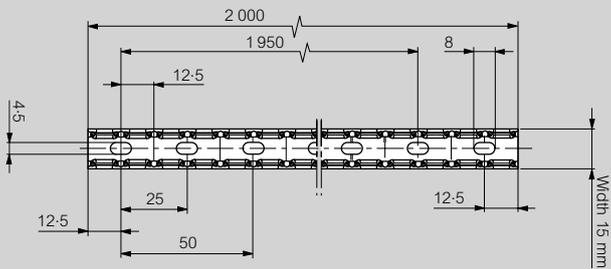
Transcab Cat. Nos.	A (mm)	B (mm)	C (mm)
6361 00	25	25	10·1
6361 01	25	40	12·6
6361 05	40	25	10·1
6361 06	40	40	12·6
6361 09	40	100	20·6
6361 11	60	60	16·1
6361 02	25	60	16·1
6361 07	40	60	16·1
6361 12	60	60	16·1
6361 15	80	40	12·6
6361 16	80	60	16·1
6361 18	80	100	20·6
6361 20	100	60	16·1
6361 03	25	80	18·6
6361 08	40	80	18·6
6361 13	60	80	18·6
6361 17	80	80	18·6
6361 19	100	40	12·6
6361 21	100	80	18·6
6361 25	120	80	18·6
6361 14	60	100	20·6
6361 22	100	100	20·6
6361 23	150	100	20·6

Calculating the panel trunking usable cross section
Graph for H 05 V-K and H 07 V-K cables with 0·75 packing coefficient
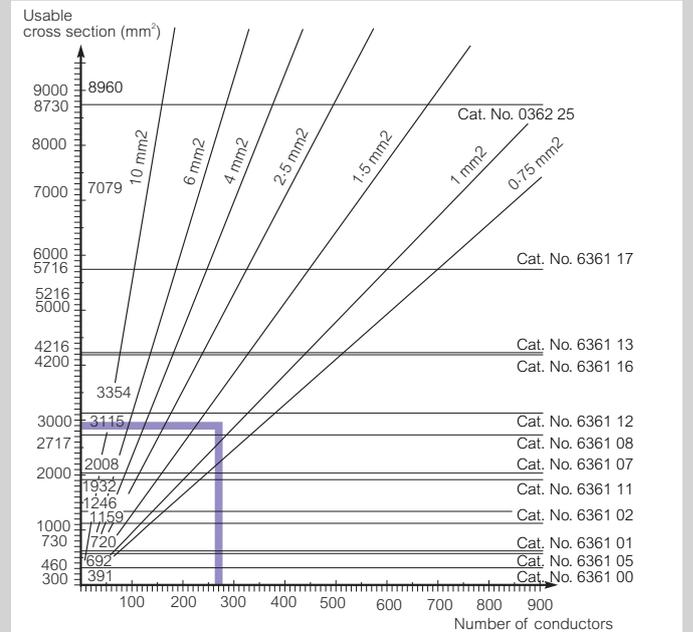
Example :
150 conductors 0·75 mm² ➔ 1 230 mm² cross section and
120 conductors 1·5 mm² ➔ 1 700 mm² cross section
Makes a total of 2 930 mm²

The correct panel trunking is Cat. No. 6361 12, 60 x 60 mm, with a capacity of 3 115 mm²

Faster base build without a saw
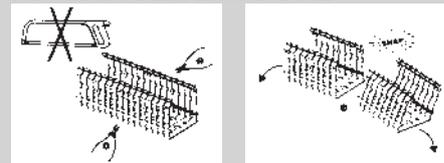
Remove support ribs at required length and break

'T' junctions made easy
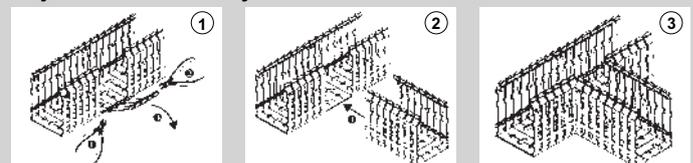
1 Clip out the required section width support ribs and snap out section
2 Form T junction and fix into place
3 Ready for wiring – cut cover to suit

VIKING 3®

fast, secure connections every time

Available with a choice of screw, spring and heavy duty connection options, Viking 3 terminal blocks provide trusted, safe and reliable installations whatever your application.

Terminal blocks in the screw and spring connection ranges are complemented by a range of common accessories, including end stops, dividers and bridging combs.

Used in conjunction with Legrand's CAB 3 marking system and Starfix ferrules and crimping tools, Viking 3 provides a total solution for easy to use connection systems.

TECHNICAL DATA
APPROVALS:

Conform to EN 60947-7-1,
EN 60947-7-2, EN 60947-7-3,
UL / CSA / NF / VDE / IMQ
ATEX certification

SIZE RANGE:

To fit cable cross sections from
0.25mm² to 300mm²

FLAMMABILITY:

UL94, self extinguishing at 960ºC

SCREW CONNECTION

Universal screw technology, ideal for distribution and process cabinets.

FEATURES
- Cable capacities from 0.25mm² to 95mm²
- High quality steel clamp ensures mechanical strength
- Angled cable entries for easy cabling and visible cable marking
- 2 central shunting zones
- Supplied pre-assembled in blocks of 5 or 10, using fixing pin
- 2 marking zones

SPRING CONNECTION

Ideal for vibration sensitive environments such as cranes, machines and onboard cabinets.

FEATURES
- Cable capacities from 0.5mm² to 16mm²
- Angled cable entries for easy cabling and visible cable marking
- Direct insertion of rigid cable, or flexible cable with ferrules, in terminal blocks up to 6mm²
- 2 central shunting zones
- Reduced cabling time
- Automatic connection with or without ferrules
- 2 marking zones
- No regular retightening required
- 5mm pitch block facilitates 4mm cable

HEAVY DUTY CONNECTION
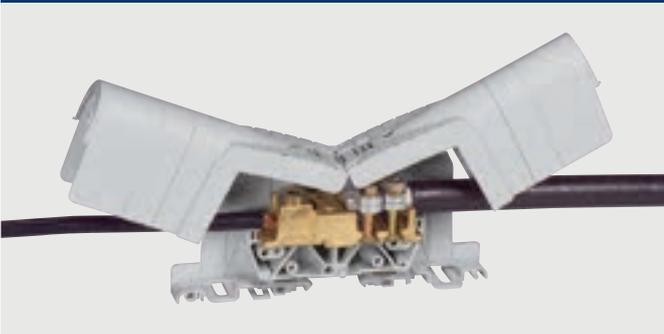
Enables copper and aluminium cables with cross sections from 35mm² to 300mm² to be connected directly or via lugs.

FEATURES
- Multiple mounting options: DIN rail, G rail or plate fixing
- Compatible with CAB 3 marking system
- Sealable to create weatherproof connections
- Separation barriers and protective covers available
- Provide facility for the termination of larger cables associated with long cable runs

INTEGRATED ACCESSORIES

Common accessories across the screw and spring connection ranges include:

- End stops with screwless fixing
- Bridging comb with automatic insertion up to 8mm (screw) or 12mm (spring) widths
- Identification of blown fuses (12 / 48 V or 110 / 250 V)
- Additional functions can be added: standard, neutral or protected isolation, MCBs, automotive-type fuses, etc.

Perfect connections...

Create reliable connections in seconds with Starfix crimping tools and ferrules... everything you need for cable widths from 0.25mm² to 50mm².

clearly marked

CAB 3 offers a high quality solution to multiple cable and terminal block marking needs. Universal fittings enable clear, rapid marking and simple modification.

Viking 3 terminal blocks – screw connection

for copper cable

	Product detail **p. 52-53**	TERMINAL TYPE	
0371 61 0371 63 0371 64 0371 66 0371 69 0371 68 0371 00 0371 08 0371 20 0371 30	**Connection** p. 52	1 connection - 1 entry/1 exit	
		1 connection - 2 entries/2 exits	
		2 connections on 2 levels	
		3 connections on 3 levels	
0371 71 0371 76 0371 78 0371 79	**Protection** p. 52	1 connection - 1 entry/1 exit - metal base	⏚ ⊥
		1 connection - 1 entry/1 exit - plastic base**1**	o—o
		1 connection - 2 entries/2 exits - metal base	⏚ ⊥⊥
0371 80 0371 81 0371 84 0371 86 0371 87	**Disconnection** p. 53	1 connection	Open (to be equipped)	
			For fuse cartridge 5 x 20 with handle lever	
			For fuse cartridge 5 x 20 with handle lever + blown fuse indicator	
			For neutral circuit with handle lever	
			For standard circuit — With handle lever	
			For standard circuit — With mini lever	
			For circuit not broken — With handle lever	
			For circuit not broken — With mini lever	
			For fuse cartridge 5 x 20 with screwed plug	
0371 51 0371 52	**For sensors and actuator** p. 53	3 connections on 3 levels	Sensor	o—o
			Actuator	⏚
	PNE p. 52		Phase/Neutral/Earth	

1 : Can be used for protection conductor inside class II equivalent assemblies
2 : Blown fuse indicator 12/24/48 V ⎓/∿ Cat. No. 0375 24 or 110/250 V∿ Cat. No. 0375 25 (p. 59)
3 : Or end stop Cat. No. 0375 10 (p. 58)

4 : Upper level only
5 : Lower and intermediate levels

![legrand logo]

accessories

for Viking 3 terminal blocks – screw connection

TERMINAL BLOCK				INSULATION		BRIDGING COMBS					PROTECTION		MEASURE-MENT	ASSOCIATED PRODUCTS
Nominal cross section (mm²)	Width (mm)	Colour	Cat. Nos.	End cap	Separation / insulation divider	Comb for 2 blocks, auto. front	Comb for 3 blocks, auto. front	Comb for 10 blocks, auto. front	Comb for 12 blocks, side	Bar for 12 blocks, front	Single pole screen	Cut to length screen	Test meter adaptor	
2·5	5	●	0371 60	0375 50[3]	0375 60	0375 02	–	0375 01	–	–	0375 65	0375 68	0375 27	End stops **p. 58**
		●	0371 00											
		●	0371 20											
		●	0371 30											
4	6	●	0371 61	0375 50[3]	0375 60	0375 05	–	0375 04	–	–	0375 65	0375 68	0375 27	Label holder for end stop **p. 58**
		●	0371 01											
		●	0371 21											
		●	0371 31											
		●	0371 77											
6	8	●	0371 62	0375 50[3]	0375 60	–	0375 07	–	–	–	0375 66	0375 68	0375 27	
		●	0371 02											
		●	0371 78											End caps **p. 58**
10	10	●	0371 63	0375 50[3]	0375 60	–	–	–	–	0375 40	0375 66	0375 68	–	
		●	0371 03											
16	12	●	0371 64	0375 51	0375 61	–	–	–	–	0375 42	0375 67	0375 69	–	
		●	0371 04											
35	15	●	0371 65	0375 51	0375 61	–	–	–	–	0375 44	0375 67	0375 69	–	
		●	0371 05											
70	22	●	0371 66	built-in	–	–	–	–	–	–	–	–	–	
4	6	●	0371 69	0375 52	0375 62	0375 05	–	0375 04	–	–	–	–	0375 27	Dividers **p. 58**
		●	0371 09											
2·5	5	●	0371 67	0375 53	0375 63	0375 02	–	0375 01	–	–	–	–	0375 27[4]	
		●	0371 07											
4	6	●	0371 68	0375 53	0375 63	0375 05	–	0375 04	–	–	–	–	0375 27[4]	
		●	0371 08											
2·5	5	●	0371 51	0375 54	0375 54	0375 02[4]	–	0375 01[4]	0375 46 ●[5] 0375 47 ●[5]	–	–	–	0375 27[4]	
2·5	5	◐	0371 70	0375 50[3]	–	–	–	–	–	–	–	–	–	Blown fuse indicators **p. 59**
4	6	◐	0371 71											
6	8	◐	0371 72											
10	10	◐	0371 73											
16	12	◐	0371 74	0375 51	–	–	–	–	–	–	–	–	–	
35	15	◐	0371 75											
35	15		0371 76	–	–	–	–	–	–	–	–	–	–	
4	6	●	0371 77	0375 50	0375 60	0375 05	–	0375 04	–	–	0375 65	0375 68	–	
6	8	●	0371 78	0375 50	0375 60	–	0375 07	–	–	–	0375 66	0375 68	–	
4	6	◐	0371 79	0375 52	–	–	–	–	–	–	–	–	–	Shielding **p. 59**
2·5	6	●	0371 80	0375 55	0375 62	0375 05	–	0375 04	–	–	–	–	0375 27	
		●	0371 81											
		●	0371 81 + 0375 24 / 25[2]	0375 55	0375 62	0375 05	–	0375 04	–	–	–	–	–	
		◐	0371 82											
		●	0371 83											
		●	0371 84	0375 55	0375 62	0375 05	–	0375 04	–	–	–	–	0375 27	CAB 3 marking system **p. 70**
		●	0371 85	0375 55	0375 62	0375 05	–	0375 04	–	–	–	–	–	
		●	0371 86	0375 55	0375 62	0375 05	–	0375 04	–	–	–	–	0375 27	
10	12	●	0371 87	0375 56	–	–	–	–	–	–	–	–	–	
2·5	5	●	0371 51	0375 54	0375 54	0375 02[4]	–	0375 01[4]	0375 46 ●[5] 0375 47 ●[5]	–	–	–	0375 27[4]	Starfix ferrules **p. 78**
		●	0371 52											

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Viking 3 terminal blocks – screw connection

for copper cable

0371 60 + 0371 00 +
0371 20 + 0371 30

0371 69

0371 68

0371 70 on rail ⌐

0371 74

0371 76

0371 79

0371 60 + 0371 61 + 0371 62 + 0371 63 +
0371 64 + 0371 65 + 0371 66

Accessories **p. 58-59**
Technical characteristics **p. 60-61**

All V2 polyamide UL94 960 °C to IEC EN 60695-2-11
Compatible with either rigid (0·25 mm² to 95 mm²) or flexible (0·25 mm² to 70 mm²) copper cables
Facility for 2 bridging combs
Compatible with rails ⌐ depth 15 mm and rails ⌐ EN 60715 depth 7·5 mm and 15 mm
Range comprises only 2 block heights (2·5 mm² to 10 mm² and 16 mm² to 70 mm²) ensuring a neat installation

Connection

Grey for standard circuit
Blue for neutral conductor
Orange for circuit not broken by the master isolating device
Red for special circuits (safety, protected, etc)

1 connection - 1 entry/1 exit

Pack	Cat. Nos.	Colour	Nominal cross section (mm²)	Rigid cable (mm²)	Flexible cable (mm²)	Width (mm)
60	0371 60	Grey ●				
60	0371 00	Blue ●	2·5	0·25 to 4	0·25 to 2·5	5
60	0371 20	Orange ●				
60	0371 30	Red ●				
50	0371 61	Grey ●				
50	0371 01	Blue ●	4	0·25 to 6	0·25 to 4	6
50	0371 21	Orange ●				
50	0371 31	Red ●				
40	0371 62	Grey ●	6	0·5 to 10	0·25 to 6	8
40	0371 02	Blue ●				
30	0371 63	Grey ●	10	1·5 to 16	2·5 to 10	10
30	0371 03	Blue ●				
20	0371 64	Grey ●	16	1·5 to 25	4 to 16	12
20	0371 04	Blue ●				
20	0371 65	Grey ●	35	2·5 to 50	4 to 35	15
20	0371 05	Blue ●				
10	0371 66[1]	Grey ●	70	25 to 95	16 to 70	22

1 connection - 2 entries/2 exits

Pack	Cat. Nos.	Colour			
25	0371 69	Grey ●	4	0·25 to 6	0·25 to 4	6
25	0371 09	Blue ●				

2 connections on 2 levels

Pack	Cat. Nos.	Colour			
60	0371 67	Grey ●	2·5	0·25 to 4	0·25 to 2·5	5
60	0371 07	Blue ●				
60	0371 68	Grey ●	4	0·25 to 6	0·25 to 4	6
60	0371 08	Blue ●				

3 connections on 3 levels

Pack	Cat. Nos.	Colour			
50	0371 51[2]	Grey ●	2·5	0·25 to 4	0·25 to 2·5	5

Protection

1 connection - 1 entry/1 exit - metal base

Screwless fixing on rail up to 10 mm width
PEN from 10 mm²

Pack	Cat. Nos.	Colour	Nominal cross section (mm²)	Rigid cable (mm²)	Flexible cable (mm²)	Width (mm)
60	0371 70	Green/yellow ●	2·5	0·25 to 4	0·25 to 2·5	5
50	0371 71	Green/yellow ●	4	0·25 to 6	0·25 to 4	6
40	0371 72	Green/yellow ●	6	0·5 to 10	0·25 to 6	8
30	0371 73	Green/yellow ●	10	1·5 to 16	2·5 to 10	10
10	0371 74	Green/yellow ●	16	1·5 to 25	4 to 16	12
10	0371 75	Green/yellow ●	35	2·5 to 50	4 to 35	15

1 connection - bare block - metal base

Pack	Cat. Nos.	Colour			
10	0371 76	-	35	2·5 to 50	4 to 35	15

1 connection - 2 entries/2 exits - metal base

Screwless fixing on rail

Pack	Cat. Nos.	Colour			
50	0371 79	Green/yellow ●	4	0·25 to 6	0·25 to 4	6

1 connection - 1 entry/1 exit - plastic base

Can be used for protection conductor inside class II equivalent assemblies

Pack	Cat. Nos.	Colour			
50	0371 77	Green ●	4	0·25 to 6	0·25 to 4	6
40	0371 78	Green ●	6	0·5 to 10	0·25 to 6	8

PNE - Phase/Neutral/Earth

3 connections on 3 levels - metal base

Green/yellow marking for the lower level
Screwless fixing on rail

Pack	Cat. Nos.	Colour	Nominal cross section (mm²)	Rigid cable (mm²)	Flexible cable (mm²)	Width (mm)
50	0371 52[2]	Grey ●	2·5	0·25 to 4	0·25 to 2·5	5

CAB 3 marking system **p. 70-73**
Starfix ferrules and crimping tools **p. 78-79**

1 : Built-in end cap
2 : Cable capacity - 2·5 mm² max. only when used with bridging comb

Viking 3 terminal blocks – screw connection

for copper cable (continued)

0371 80 + automotive-type fuse

0371 82 + 0371 83 + 0371 85

0371 84 + 0371 86
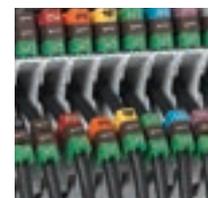
0371 87

0371 51

0371 52

Accessories **p. 58-59**
Technical characteristics **p. 60-61**

All V2 polyamide UL94 960 °C to IEC EN 60695-2-11
Compatible with either rigid (0·25 mm² to 95 mm²) or flexible (0·25 mm² to 70 mm²) copper cables
Facility for 2 bridging combs
Compatible with rails ⌐ depth 15 mm and rails ⌐ EN 60715 depth 7·5 mm and 15 mm
Range comprises only 2 block heights (2·5 mm² to 10 mm² and 16 mm² to 70 mm²) ensuring a neat installation

Disconnection

1 connection
Disconnection by means of blade type lever, handle lever or mini lever (with tool)

Open (to be equipped)
Can take a blade-type automotive fuse or a miniature circuit breaker

Pack	Cat. Nos.	Colour	Nominal cross section (mm²)	Capacity Rigid cable (mm²)	Capacity Flexible cable (mm²)	Width (mm)
20	0371 80	Grey ●	2·5	0·25 to 2·5	0·25 to 2·5	6

For fuse cartridge 5 x 20 with handle lever

| 20 | 0371 81 | Grey ● | 2·5 | 0·25 to 2·5 | 0·25 to 2·5 | 6 |

For neutral circuit with blue handle lever

| 20 | 0371 82 | Grey/blue ● | 2·5 | 0·25 to 2·5 | 0·25 to 2·5 | 6 |

For standard circuit with handle lever

| 20 | 0371 83 | Grey ● | 2·5 | 0·25 to 2·5 | 0·25 to 2·5 | 6 |

For standard circuit with mini lever

| 20 | 0371 84 | Grey ● | 2·5 | 0·25 to 2·5 | 0·25 to 2·5 | 6 |

For circuit not broken with handle lever
Circuit not broken by the master isolating device

| 20 | 0371 85 | Orange ● | 2·5 | 0·25 to 2·5 | 0·25 to 2·5 | 6 |

For circuit not broken with mini lever
Circuit not broken by the master isolating device

| 20 | 0371 86 | Orange ● | 2·5 | 0·25 to 2·5 | 0·25 to 2·5 | 6 |

For cartridge 5 x 20 with screwed plug

| 20 | 0371 87 | Grey ● | 10 | 0·25 to 16 | 0·25 to 10 | 12 |

Blown fuse indicators p. 59

Blocks for sensors and actuators

For connecting sensors (Cat. No. 0371 51) or actuators (Cat. No. 0371 52), and their shared power supply unit when using equipotential bridging comb
Cat. Nos. 0375 46/47 (wiring diagram p. 59)

3 connections on 3 levels - for sensor

Pack	Cat. Nos.	Colour	Nominal cross section (mm²)	Capacity Rigid cable (mm²)	Capacity Flexible cable (mm²)	Width (mm)
50	0371 51¹	Grey ●	2·5	0·25 to 4	0·25 to 2·5	5

3 connections on 3 levels - for actuator
Green/yellow marking for the lower level
Metal base. Screwless fixing on rail

| 50 | 0371 52¹ | Grey ● | 2·5 | 0·25 to 4 | 0·25 to 2·5 | 5 |

Accessories p. 58-59

End stops p. 58

CAB 3 marking system **p. 70-73**
Starfix ferrules and crimping tools **p. 78-79**
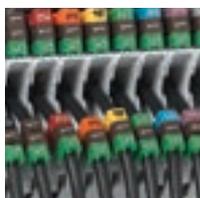
1 : Rigid cable capacity - 2·5 mm² max. only when used with bridging comb

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Viking 3 terminal blocks – spring connection

for copper cable

	Product detail **p. 56-57**	TERMINAL TYPE

Products	Category	Description	Terminal type
0372 60 / 0372 61 / 0372 64 / 0372 40 / 0372 69 / 0372 68 / 0372 02 / 0372 47 / 0372 21 / 0372 42	**Connection** p. 56	1 connection - 1 entry/1 exit	
		1 connection - 1 entry/2 exits	
		1 connection - 2 entries/2 exits	
		2 connections - 2 levels	
0372 70 / 0372 71 / 0372 72 / 0372 12	**Protection** p. 56	1 connection - 1 entry/1 exit - metal base	
		1 connection - 1 entry/2 exits - metal base	
		1 connection - 2 entries/2 exits - metal base	

Products	Category		Description		Terminal type
0372 80 / 0372 82 / 0372 83 / 0372 84	**Disconnection** p. 57	1 connection	Open (to be equipped)		
			For fuse cartridge 5 x 20 with handle lever		
			For fuse cartridge 5 x 20 with handle lever + blown fuse indicator		
			For neutral circuit with handle lever		
			For standard circuit	With handle lever	
				With mini lever	
			For circuit not broken	With handle lever	
				With mini lever	
0372 54	**Function blocks** p. 57	1 connection - 2 entries/2 exits	Diode carrier 1N4007		
		2 connections - 2 entries	Diode carrier 1N4007		
			With voltage presence LED		

1 : Blown fuse indicator 12/24/48V= /∿ Cat. No. 0375 24 or 110/250V∿ Cat. No. 0375 25 (p. 59)
2 : Lower level only
3 : Upper level only

accessories

for Viking 3 terminal blocks – spring connection

TERMINAL BLOCK				INSULATION		BRIDGING COMBS			MEASUREMENT
Nominal cross section (mm²)	Width (mm)	Colour	Cat. Nos.	End cap	Separation and insulation divider	Comb for 2 blocks	Comb for 3 blocks	Comb for 10 blocks	Test meter adaptor
4	5	grey	0372 60	0375 86	0375 95	0375 02	–	0375 01	0375 27
		blue	0372 00						
		orange	0372 20						
4	6	grey	0372 61	built-in	0375 95	0375 05	–	0375 04	0375 27
		blue	0372 01						
		orange	0372 21						
6	8	grey	0372 62	built-in	–	–	0375 07	–	0375 27
		blue	0372 02						
10	10	grey	0372 63	built-in	–	0375 82	–	–	–
		blue	0372 03						
16	12	grey	0372 64	built-in	–	0375 85	–	–	–
		blue	0372 04						
4	5	grey	0372 40	0375 87	0375 95	0375 02	–	0375 01	0375 27
		blue	0372 41						
		orange	0372 42						
4	6	grey	0372 43	built-in	0375 95	0375 05	–	0375 04	0375 27
		blue	0372 44						
4	5	grey	0372 46	0375 88	0375 95	0375 02	–	0375 01	0375 27
		blue	0372 47						
4	6	grey	0372 69	built-in	–	0375 05	–	0375 04	0375 27
		blue	0372 09						
4	5	grey	0372 67	0375 89	0375 96	0375 02	–	0375 01	0375 27[3]
		blue	0372 07						
4	6	grey	0372 68	built-in	0375 96	0375 05	–	0375 04	0375 27[3]
		blue	0372 08						
4	5		0372 70	0375 86	–	–	–	–	–
4	6		0372 71	0375 86	–	–	–	–	–
6	8		0372 72	0375 86	–	–	–	–	–
10	10		0372 73	0375 86	–	–	–	–	–
16	12	green/yellow	0372 74	built-in	–	–	–	–	–
4	5		0372 10	0375 87	–	–	–	–	–
4	6		0372 11	built-in	–	–	–	–	–
4	5		0372 12	0375 88	–	–	–	–	–
4	6		0372 79	built-in	–	–	–	–	–
2·5	6	grey	0372 80	0375 90	–	0375 05	–	0375 04	0375 27
		grey	0372 81	0375 90	–	0375 05	–	0375 04	–
		grey	0372 81 + 0375 24/25[1]						
		blue	0372 82						
		grey	0372 83						
			0372 84	0375 90	–	0375 05	–	0375 04	0375 27
		orange	0372 85	0375 90	–	0375 05	–	0375 04	–
			0372 86	0375 90	–	0375 05	–	0375 04	0375 27
4	5		0372 54	0375 88	0375 95	0375 02	–	0375 01	–
		dark grey	0372 55	0375 89	0375 96	0375 02	–	0375 01	–
			0372 56	0375 89	0375 96	0375 02[2]	–	0375 01[2]	–

ASSOCIATED PRODUCTS

End stops p. 58

Label holder for end stop p. 58

End caps p. 58

Dividers p. 58

Blown fuse indicators p. 59

Shielding p. 59
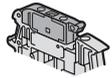
CAB 3 marking system p. 70

Starfix ferrules p. 78

Viking 3 terminal blocks – spring connection

for copper cable

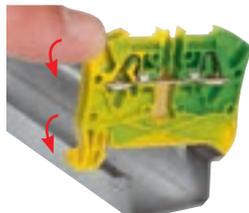0372 60 + 0372 00 + 0372 20

0372 01

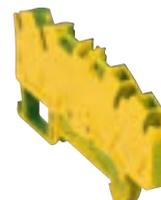0372 21

0372 63

0372 40

Automatic insertion of stripped cable with ferrule cap or rigid cable up to width of 6 mm

0372 70
Automatic fixing on rail ⌐

0372 72

0372 79

Accessories **p. 58-59**
Technical characteristics **p. 62-63**

Screwless connection system, stainless steel spring type
Compatible with either 2 rigid copper cables or flexible cables (0·5 mm² - 16 mm²) with or without ferrules (p. 78)
Direct tool-free insertion of a rigid cable. Direct tool-free insertion of a flexible cable with ferrule, up to 6 mm width
Facility for 2 bridging combs
Compatible with rails ⌐ EN 60715 depth 7·5 mm and 15 mm

Pack	Cat. Nos.	**Connection** Ⓔⓧ					

Grey for standard circuit
Blue for neutral conductor
Orange for circuit not broken by the master isolating device

1 connection - 2 cables - 1 entry/1 exit

Pack	Cat. Nos.	Colour	Nominal cross section (mm²)	Rigid cable (mm²)	Capacity Flexible cable (mm²)	Flexible cable with ferrule (mm²)	Width (mm)
60	0372 60	Grey ●					
60	0372 00	Blue ●	4	0·5 to 6	0·5 to 4	0·5 to 2·5	5
60	0372 20	Orange ●					
50	0372 61[1]	Grey ●					
50	0372 01[1]	Blue ●	4	0·5 to 6	0·5 to 4	0·5 to 4	6
50	0372 21[1]	Orange ●					
50	0372 62[1]	Grey ●	6	0·5 to 6	0·5 to 6	0·5 to 6	8
50	0372 02[1]	Blue ●					
40	0372 63[1]	Grey ●	10	0·75 to 10	0·75 to 10	0·75 to 10	10
40	0372 03[1]	Blue ●					
10	0372 64[1]	Grey ●	16	4 to 16	4 to 16	4 to 16	12
10	0372 04[1]	Blue ●					

1 connection - 3 cables - 1 entry/2 exits

Pack	Cat. Nos.	Colour	Nominal	Rigid	Flexible	Flexible ferrule	Width
60	0372 40	Grey ●					
60	0372 41	Blue ●	4	0·5 to 6	0·5 to 4	0·5 to 2·5	5
60	0372 42	Orange ●					
50	0372 43[1]	Grey ●	4	0·5 to 6	0·5 to 4	0·5 to 4	6
50	0372 44[1]	Blue ●					

1 connection - 4 cables - 2 entries/2 exits

Pack	Cat. Nos.	Colour	Nominal	Rigid	Flexible	Flexible ferrule	Width
60	0372 46	Grey ●	4	0·5 to 6	0·5 to 4	0·5 to 2·5	5
60	0372 47	Blue ●					
50	0372 69[1]	Grey ●	4	0·5 to 6	0·5 to 4	0·5 to 4	6
50	0372 09[1]	Blue ●					

2 connections - 4 cables - 2 levels

Pack	Cat. Nos.	Colour	Nominal	Rigid	Flexible	Flexible ferrule	Width
60	0372 67	Grey ●	4	0·5 to 6	0·5 to 4	0·5 to 2·5	5
60	0372 07	Blue ●					
50	0372 68[1]	Grey ●	4	0·5 to 6	0·5 to 4	0·5 to 4	6
50	0372 08[1]	Blue ●					

1 : Built-in end cap

Protection Ⓔⓧ

Metal base
Screwless fixing on rail
PEN from 10 mm²

1 connection - 2 cables - 1 entry/1 exit

Pack	Cat. Nos.	Colour	Nominal cross section (mm²)	Rigid cable (mm²)	Capacity Flexible cable (mm²)	Flexible cable with ferrule (mm²)	Width (mm)
60	0372 70	Green/yellow	4	0·5 to 6	0·5 to 4	0·5 to 2·5	5
50	0372 71[1]	Green/yellow	4	0·5 to 6	0·5 to 4	0·5 to 4	6
25	0372 72[1]	Green/yellow	6	0·5 to 6	0·5 to 6	0·5 to 6	8
20	0372 73[1]	Green/yellow	10	0·75 to 10	0·75 to 10	0·75 to 10	10
15	0372 74[1]	Green/yellow	16	4 to 16	4 to 16	4 to 16	12

1 connection - 3 cables - 1 entry/2 exits

Pack	Cat. Nos.	Colour	Nominal	Rigid	Flexible	Flexible ferrule	Width
40	0372 10	Green/yellow	4	0·5 to 6	0·5 to 4	0·5 to 2·5	5
30	0372 11[1]	Green/yellow	4	0·5 to 6	0·5 to 4	0·5 to 4	6

1 connection - 4 cables - 2 entries/2 exits

Pack	Cat. Nos.	Colour	Nominal	Rigid	Flexible	Flexible ferrule	Width
40	0372 12	Green/yellow	4	0·5 to 6	0·5 to 4	0·5 to 2·5	5
30	0372 79[1]	Green/yellow	4	0·5 to 6	0·5 to 4	0·5 to 4	6

CAB 3 marking system **p. 70-73**
Starfix ferrules and crimping tools **p. 78-79**

Viking 3 terminal blocks – spring connection

for copper cable (continued)

0372 80 with automotive-type fuse

0372 81 open

0372 81 with blown fuse indicator (p. 127)

0372 82 + 0372 83 + 0372 85

0372 84

0372 54

Accessories **p. 58-59**
Technical characteristics **p. 62-63**

Screwless connection system, stainless steel spring type
Compatible with either 2 rigid copper cables or flexible cables (0·5 mm² - 16 mm²) with or without ferrules (p. 78)
Direct tool-free insertion of a rigid cable. Direct tool-free insertion of a flexible cable with ferrule, up to 6 mm width
Facility for 2 bridging combs
Compatible with rails ⌐ EN 60715 depth 7·5 mm and 15 mm

Disconnection

1 connection - 2 cables
Disconnection by means of blade type lever, handle lever or mini lever (with tool)

Open (to be equipped)
Can take a blade-type automotive fuse or a miniature circuit breaker

Pack	Cat. Nos.	Colour	Nominal cross section (mm²)	Rigid cable (mm²)	Capacity Flexible cable (mm²)	Flexible cable with ferrule (mm²)	Width (mm)
20	0372 80	Grey ●	2·5	0·5 to 2·5	0·5 to 2·5	0·5 to 2·5	6

For fuse cartridge 5 x 20 with handle lever

20	0372 81	Grey ●	2·5	0·5 to 2·5	0·5 to 2·5	0·5 to 2·5	6

For neutral circuit with blue handle lever

20	0372 82	Grey/blue ◐	2·5	0·5 to 2·5	0·5 to 2·5	0·5 to 2·5	6

For standard circuit with handle lever

20	0372 83	Grey ●	2·5	0·5 to 2·5	0·5 to 2·5	0·5 to 2·5	6

For standard circuit with mini lever

20	0372 84	Grey ●	2·5	0·5 to 2·5	0·5 to 2·5	0·5 to 2·5	6

For circuit not broken with handle lever
Circuit not broken by the master isolating device

20	0372 85	Orange ●	2·5	0·5 to 2·5	0·5 to 2·5	0·5 to 2·5	6

For circuit not broken with mini lever
Circuit not broken by the master isolating device

20	0372 86	Orange ●	2·5	0·5 to 2·5	0·5 to 2·5	0·5 to 2·5	6

Blown fuse indicators p. 59

Function blocks

1 connection - 4 cables - 2 entries/2 outlets - diode-carrier

Pack	Cat. Nos.	Colour	Nominal cross section (mm²)	Rigid cable (mm²)	Capacity Flexible cable (mm²)	Flexible cable with ferrule (mm²)	Width (mm)
60	0372 54	Grey ●	4	0·5 to 6	0·5 to 4	0·5 to 2·5	5

2 connections - 4 cables - 2 levels - diode carrier

60	0372 55	Grey ●	4	0·5 to 6	0·5 to 4	0·5 to 2·5	5

2 connections - 4 cables - 2 levels - with LED
Voltage presence indicator (12/24V⎓ /∿)

60	0372 56	Grey ●	4	0·5 to 6	0·5 to 4	0·5 to 2·5	5

Accessories p. 58-59

End stops p. 58

CAB 3 marking system **p. 70-73**
Starfix ferrules and crimping tools **p. 78-7 9**

Viking 3 accessories for terminal blocks

End stop 0375 10, screwless mounting

0375 11 with
label holder 0395 96

0375 12 with
CAB 3 markers

0375 13 with
label holder 0395 96

Automatic bridging combs
Cat. Nos. 0375 01 to 0375 07

Divider
Cat. No. 0375 95

Equipotential bars
Cat. Nos. 0375 40/42/44
(p. 59)

0375 62

Bridging combs
Cat. Nos. 0375 46/47
(p. 59)

End cap
Cat. No. 0375 54

End cap
Cat. No. 0375 52

End cap
Cat. No. 0375 89

CAB 3 markers
(p. 71)

CAB 3 marker holders
Cat. No. 0383 92 (p. 72)

Technical characteristics **p. 63**

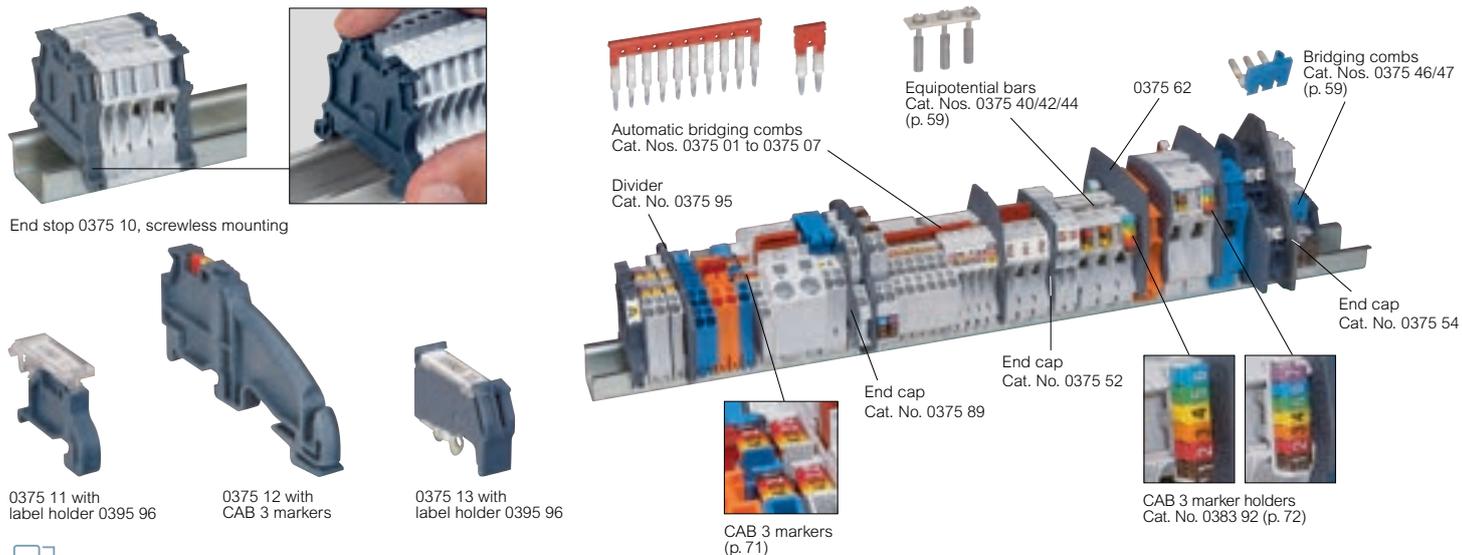| Pack	Cat. Nos.	**Rails**
		Length 2 m
10	0374 04	EN 60715 depth 7·5 mm
10	0374 07	depth 15 mm
		45° mounting bracket
10	0394 49	Set of 2 supports for tilting a rail at an angle of 45° Supplied with 4 x M6 screws, nuts and washers
		End stops
		Grey Compatible with CAB 3 marking system
		6 mm width
50	0375 10	Screwless mounting For rails depth 15 mm and EN 60715 depth 7·5 mm and 15 mm Accepts label holder Cat. No. 0395 96 Acts as end cap for screw terminal blocks 1 entry/1 exit 5, 6, 8 and 10 mm width
		8 mm width
20	0375 11	For rails depth 15 mm and EN 60715 depth 7·5 mm and 15 mm Accepts label holder Cat. No. 0395 96
		10 mm width
10	0375 12	For rails depth 15 mm and EN 60715 depth 7·5 mm (except for rail fixed on plate) and 15 mm - IP 2X terminal block with flat steel bar 12 x 2 mm Cat. No. 0048 19 (p. 40) - Copper bar 12 x 4 mm Cat. No. 0373 89 (p. 43) - Shielding bar 10 x 3 mm Cat. No. 0375 34 (p. 59)
		12 mm width
20	0375 13	For rails EN 60715, depth 15 mm and EN 60715 depth 7·5 mm and 15 mm
		Identification accessories
		Transparent label holder
20	0395 96	With variable angle Fixing on end stops Cat. Nos. 0375 10/11 Supplied with label 32 x 9·5 mm Compatible with label Cat. No. 0395 97
		Label
20	0395 97	For engraving 28 x 9·5 mm For label holder Cat. No. 0395 96. Flexible ABS White background, black engraving
		Black felt tip pen
10	0395 98	For permanent marking

CAB 3® marking system p. 70-73

Pack	Cat. Nos.	**End caps**
		Grey
		For screw terminal blocks
100	0375 50	1 entry/1 exit 5, 6, 8 and 10 mm width
20	0375 51	1 entry/1 exit 12 and 15 mm width
20	0375 52	2 entries/2 exits
20	0375 53	2 levels
20	0375 54	3 levels
20	0375 55	Disconnection terminal 6 mm width and function blocks 5 mm width
20	0375 56	Disconnection terminal fuse cartridge 5 x 20 with screwed plug
10	0375 57	Disconnection for measurement
		For spring terminal blocks with 5 mm width 5 mm pitch block becomes 6 mm pitch with end cap fitted Permits termination of a 4 mm^2 cable complete with ferrule
50	0375 86	1 entry/1 exit
50	0375 87	1 entry/2 exits
20	0375 88	2 entries/2 exits
20	0375 89	2 levels
		For spring terminal blocks with 6 mm width
20	0375 90	Disconnection type
		Separation and insulation dividers
		Grey
		For screw terminal blocks
20	0375 60	1 entry/1 exit 5, 6, 8 and 10 mm width
10	0375 61	1 entry/1 exit 12 and 15 mm width
10	0375 62	2 entry/2 exits and disconnection 6 mm width blocks
10	0375 63	2 levels
		For spring terminal blocks
10	0375 95	1 entry/1 exit, 1 entry/2 exits and 2 entry/2 exits 5 and 6 mm width
10	0375 96	2 levels
		Bridging accessories
		Bridging combs for screw and spring terminal blocks Front mounting (automatic insertion), screwless Isolated and separable. Consecutive or alternating connection. Red
20	0375 01[1]	For 10 blocks with 5 mm width
50	0375 02[1]	For 2 blocks with 5 mm width
20	0375 04[1]	For 10 blocks with 6 mm width
50	0375 05[1]	For 2 blocks with 6 mm width
20	0375 07[1]	For 3 blocks with 8 mm width

1 : Blocks Cat. Nos. 0371 51/52 : upper level only
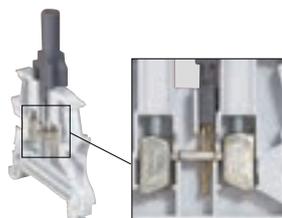Block Cat. No. 0372 56 : lower level only

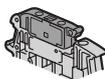# Viking 3 accessories for terminal blocks (continued)

0372 81 (p. 57) + 0375 24
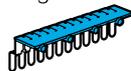
0371 63/0371 03 (p. 52) + 0375 66

0371 61 (p. 52) + 0375 27

Shielding terminal block with end stops Cat. No. 0375 12 (p. 58), shielding bar Cat. No. 0375 34 and clamps Cat. Nos. 0375 30/31

Technical characteristics **p. 63**

Pack	Cat. Nos.	**Bridging accessories (continued)**
		Bars for screw terminal blocks
		Front mounting with screws. Pre-assembled Consecutive or alternating connection
10	0375 40	For 12 blocks with 10 mm width
10	0375 42[1]	For 12 blocks with 12 mm width
10	0375 44	For 12 blocks with 15 mm width
		Bridging combs for 3-level screw terminal blocks
		For lower and intermediate levels of blocks Cat. Nos. 0371 51/52 (p. 121). Side mounting Isolated and separable
10	0375 46	Brown. For 12 blocks with 5 mm width
10	0375 47	Blue. For 12 blocks with 5 mm width
		Bridging combs for spring terminal blocks
		Front mounting (automatic insertion), screwless Isolated. Red
20	0375 82	For 2 blocks with 10 mm width
20	0375 85	For 2 blocks with 12 mm width
		Accessories for disconnection blocks
		For screw and spring terminal blocks
		Blown fuse indicators
		Clip directly on to blocks Cat. Nos. 0371 81 (p. 52) or 0372 81 (p. 53)
50	0375 24	12/24/48 V⎓/∿ for block with fuse cartridge 5 x 20 with handle lever
50	0375 25	110/250 V∿ for block with fuse cartridge 5 x 20 with handle lever

Pack	Cat. Nos.	**Shielding accessories**
		Ensure safe, simple connection of cable shielding
		Shielding clamps
		For screw and spring terminal blocks
		- mounted by pivoting on collector bar 10 x 3 mm Cat. No. 0375 34
		- mounted on plate with M4 screws (supplied)
		- mounted on rail ⌐⌐ with Cat. No. 0364 69 (p. 58)
10	0375 30	For cable diameter 3 to 8 mm
10	0375 31	For cable diameter 4 to 13·5 mm
4	0375 32	For cable diameter 10 to 20 mm
		Shielding bar
		For screw and spring terminal blocks. Steel. Length 1 m
		For use with end stop Cat. No. 0375 12 (p. 58)
10	0375 34	10 x 3 mm
		Screening continuity bracket
50	0375 35	For screw terminal blocks 1 entry/1 exit 5, 6, 8 and 10 mm width Connected with 2·8 x 0·8 mm clips or welded on. Capacity : 1 mm²
		Protective screens
		1 pole
		For screw terminal blocks 1 entry/1 exit
10	0375 65	5 and 6 mm width
10	0375 66	8 and 10 mm width
10	0375 67	12 and 15 mm width
		Cut to length
		Length 1 m
		Mounted on separation and insulation divider For screw terminal blocks 1 entry/1 exit
10	0375 68	5, 6, 8 and 10 mm width (divider Cat. No. 0375 60, p. 58)
10	0375 69	12 and 15 mm width (divider Cat. No. 0375 61, p. 58)
		Test meter adaptor
		For screw and spring terminal blocks
10	0375 27[2]	Measurement socket for Ø4 mm plug for blocks with 5 and 6 mm width
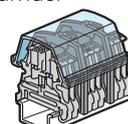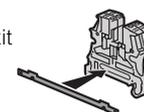
1 : Except for Cat. No. 0371 87 (p. 53)
2 : Except for disconnection blocks with handle lever, screw terminal block with LED and spring function blocks. 2 and 3-level terminal blocks : upper level only

Viking 3 terminal blocks – screw connection

■ Characteristics and dimensions (mm)

V2 polyamide according to UL 94, 960 °C according to IEC EN 60695-2-11
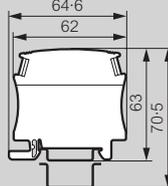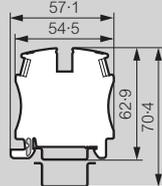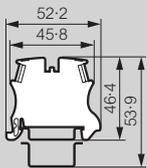
Connection blocks

Cat. Nos.	Voltage (V)			Current (A)				Nominal cross section		
	IEC	CSA	UL	Ie	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0371 00/20/30/60	800	600	600	27	24	20	20	2·5	12	12
0371 01/21/31/61				36	32	30	30	4	10	10
0371 02/62				48	41	50	50	6	8	8
0371 03/63				63	57	60	60	10	6	6
0371 04/64				85	76	85	85	16	4	4
0371 05/65				138	125	115	115	35	2	2
0371 07/67	500	300	300	27	24	20	20	2·5	12	12
0371 08/68				36	32	30	30	4	10	10
0371 09/69				36	32	30	30	4	10	10
0371 66	1 000	600	600	213	192	200	200	70	000	000
0371 77	800	600	600	36	32	30	30	4	10	10
0371 78				48	41	50	50	6	8	8

Cat. No. 0371 51 : see blocks for sensors
IEC 60947-7-1, CSA no. 22-2 no. 158, UL 1059
Ie: Rated current NF C 15100 table 52H, column 4

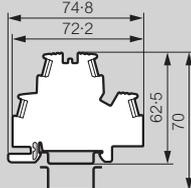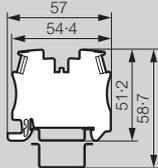Cat. Nos. 0371 00/01/ 02/03/20/21/30/31/60/ 61/62/63/77/78

Cat. Nos. 0371 04/05/64/65

Cat. No. 0371 66

Cat. Nos. 0371 09/69

Cat. Nos. 0371 07/08/67/68

Approved by ATEX :
LCIE 07 ATEX 0010 U-0081 ⟨Ex⟩ II 1 or 2 G or D Ex e/i/tD/iD II

The terminal blocks with screw connection covered by this certificate are 1-, 2- and 3-level connection terminal blocks, and protection blocks with metal[1] and plastic base (detailed list on p. 118)
The main characteristics are :
Operating temperature : –30 °C to +55 °C
Maximum temperature of materials : +85 °C

Working voltage acc. to EN 60079-7 : 1-level terminal blocks : 500 V
Blocks with 2 entries - 2 exits : 250 V
2 and 3-level terminal blocks : 250 V

Rated current:

Conductor cross section (mm²)	2·5	4	6	10	16	35	70
Rated current (A)	18	23	30	42	57	93	144

Certificate of conformity of components is available on request

1 : Except for Cat. No. 0371 76

Protection blocks

Cat. Nos.	Voltage (V)			Nominal cross section		
	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0371 70	800	600	600	2·5	12	12
0371 71				4	10	10
0371 72				6	8	8
0371 73[1]				10	6	6
0371 74[1]				16	4	4
0371 75[1]				35	2	2
0371 76	–	–	–	35	–	–
0371 77	800	600	600	4	10	10
0371 78				6	8	8
0371 79	500	300	300	4	10	10

IEC 60947-7-1/7-2, CSA no. 22-2 no. 158, UL 1059

1 : PEN terminal blocks

Cat. Nos. 0371 70/71/72/73

Cat. Nos. 0371 74/75

Cat. No. 0371 76
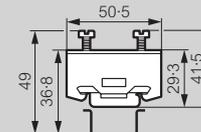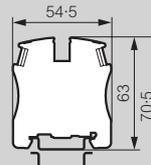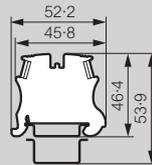
Cat. Nos. 0371 77/78

Cat. No. 0371 79
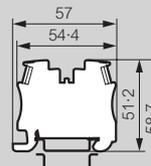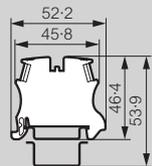
Disconnection blocks

Cat. Nos.	Voltage (V)			Current (A)			Nominal cross section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0371 80	500	300	300	15	15	15	2·5	12	12
0371 81 or 0371 80	250	250	250	6·3	6·3	6·3			
0371 82	500	300	300	15	15	15			
0371 83									
0371 84									
0371 85									
0371 86									
0371 87	250	250	250	10	10	10	10		

IEC 60947-7-1/7-3, CSA no. 22-2 no. 158, UL 1059

Power according to EN 60947-7-3

Cat. Nos.	Short-circuit		Short-circuit + overload	
	Separate blocks	Assembled blocks	Separate blocks	Assembled blocks
0371 81 or 0371 80	4 W / 6·3 A	1·6 W/6·3 A	1·6 W/6·3 A	–
	Pvk = 4·75 W	Pvk = 2 W	Pv = 1·65 W	–
0371 87	4 W	2·5 W	1·6 W	–
	Pvk = 5 W	Pvk = 2·7 W	Pv = 1·8 W	–

Cat. No. 0371 80

Cat. Nos. 0371 81/82/83/85

Cat. Nos. 0371 84/86
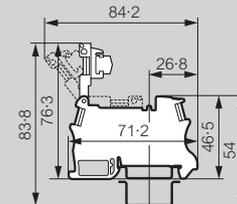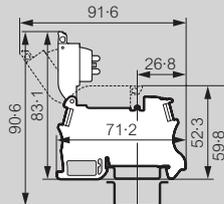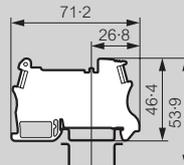
Cat. No. 0371 87
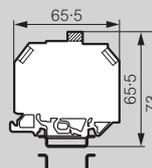
Blocks for sensors and actuators/PNE

Cat. Nos.	Voltage (V)			Current (A)				Nominal cross section		
	IEC	CSA	UL	Ie	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0371 51 **0371 52**	400	300	300	27	24	20	20	2·5	12	12

IEC 60947-7-1/7-2, CSA no. 22-2 no. 158, UL 1059
Ie: Rated current NF C 15100 table 52H, column 4

Cat. Nos. 0371 51/52
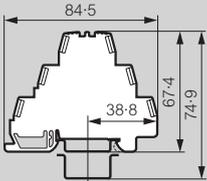
Wiring diagram

Block for sensor Cat. No. 0371 51
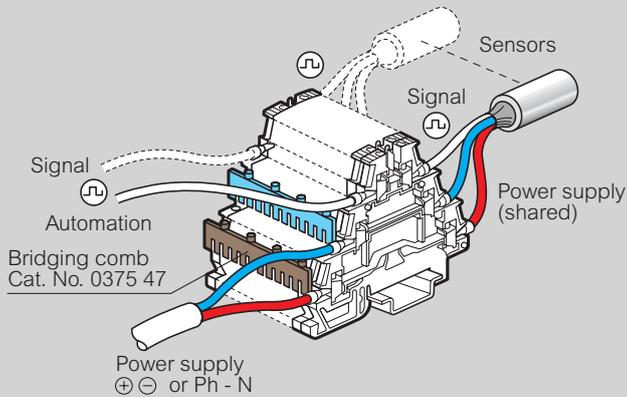
Block for actuator Cat. No. 0371 52
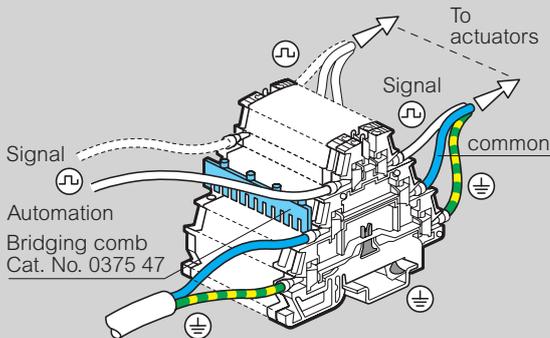
PNE block Cat. No. 0371 52
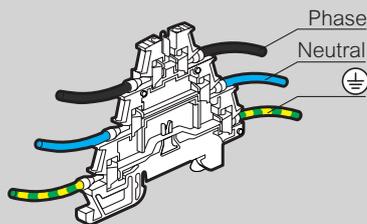
Stripped lengths (mm)

Screw terminal width (mm)	Rigid or flexible cable
5	6 to 8
6	
8	10 to 12
10	
12	13 to 17
15	14 to 18
22	15 to 22

Protection against fire and panic risks in public buildings/UTE C 12-201 guide

Art. EL 3, definitions : "Security installations are those that have to be put into or maintained in service to ensure the evacuation of the public" or facilitate the intervention of the first-aid

Art. EL 16, power supply circuits in security installations section 1a: "…the corresponding junction or deviation devices and their enclosures except for the waterproofing systems must satisfy the incandescent cable test defined in the standard in force, the temperature of the incandescent cable being 960 °C"
Viking 3 terminal blocks satisfy the incandescent cable test 960 °C according to standard IEC 60695-2-11

Viking 3 terminal blocks – spring connection

■ Characteristics and dimensions (mm)

V2 polyamide according to UL 94, 960 °C according to IEC EN 60695-2-11

Connection blocks

Cat. Nos.	Voltage (V)			Current (A)				Nominal cross section		
	IEC	CSA	UL	Ie	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0372 00				36	32	20	20	4	12	12
0372 01										
0372 02	800	600	600	48	41	30	30	6	10	10
0372 03				63	57	50	50	10	8	8
0372 04				85	76	65	65	16	6	6
0372 07	500	300	300			30	30		10	10
0372 08										
0372 09										
0372 20										
0372 21										
0372 40										
0372 41										
0372 42				36	32	20	20	4	12	12
0372 43										
0372 44	800	600	600							
0372 46										
0372 47										
0372 60										
0372 61										
0372 62				48	41	30	30	6	10	10
0372 63				63	57	50	50	10	8	8
0372 64				85	76	65	65	16	6	6
0372 67	500	300	300			30	30		10	10
0372 68				36	32			4		
0372 69	800	600	600			20	20		12	12

IEC 60947-7-1, CSA no. 22-2 no. 158, UL 1059
Ie: Rated current NF C 15100 table 52H, column 4

Protection blocks

Cat. Nos.	Voltage (V)			Nominal cross section		
	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0372 10						
0372 11						
0372 12				4	10	10
0372 70						
0372 71	800	600	600			
0372 72				6		
0372 73[1]				10	8	8
0372 74[1]				16	6	6
0372 79				4	10	10

IEC 60947-7-2, CSA no. 22-2 no. 158, UL 1059
1 : PEN terminal blocks

Function blocks

Cat. Nos.	Voltage (V)			Current (A)			Nominal cross section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0372 54	500	300	300	1	1	1	4	14	14
0372 55									
0372 56	12 to 24	12 to 24	12 to 24	–	–	–			

IEC 60947-7-1, CSA no. 22-2 no. 158, UL 1059

Cat. Nos. 0372 00/01/20/21/60/61/70/71
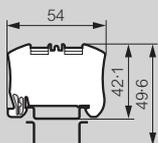
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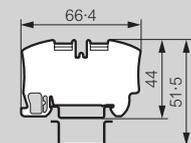
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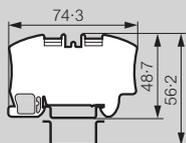
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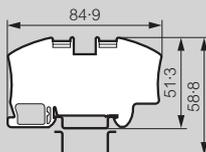
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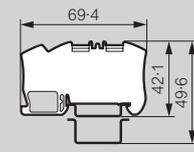
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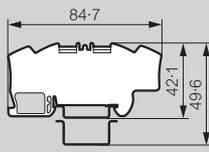
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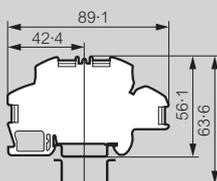
Function block schematic diagrams
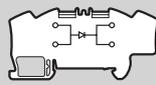
Cat. No. 0372 54   Cat. No. 0372 55   Cat. No. 0372 56
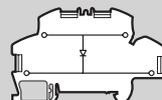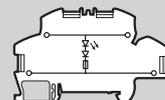
Diode for Cat. Nos. 0372 54/55
- 1N4007 type 1 A
- direct current = 1 A
- peak inverse voltage 1 000 V
- inverse current 5 µA at 25 °C

Approved by ATEX :
LCIE 07 ATEX 0010 U-0081 ⟨Ex⟩ II 1 or 2 G or D Ex e/i/tD/iD II

The terminal blocks with spring connection covered by this certificate are 1- and 2-level connection terminal blocks, and blocks for protection conductor with metal base (detailed list on p. 120)
The main characteristics are :
Operating temperature : –30 °C to +55 °C
Maximum temperature of materials : +85 °C

Working voltage acc. to EN 60079-7 : 1-level terminal blocks : 500 V
Blocks with 2 entries - 2 exits : 500 V
2-level terminal blocks : 250 V

Rated current:

Conductor cross section (mm²)	4	6	10	16
Rated current (A)	23	30	42	57

Certificate of conformity of components is available on request

Disconnection blocks

Cat. Nos.	Voltage (V)			Current (A)			Nominal cross section		
	IEC	CSA	UL	IEC	CSA	UL	IEC (mm²)	CSA (AWG)	UL (AWG)
0372 80	500	300	300	15	15	15			
0372 81 or 0372 80	250	250	250	6·3	6·3	6·3	2·5	14	14
0372 82									
0372 83	500	300	300	15	15	15			
0372 84									
0372 85									
0372 86									

IEC 60947-7-1/7-3, CSA no. 22-2 no. 158, UL 1059

Power according to EN 60947-7-3

Cat. Nos.	Short-circuit		Short-circuit + overload	
	Separate blocks	Assembled blocks	Separate blocks	Assembled blocks
0372 81 or 0372 80	4 W / 6·3 A	1·6 W / 6·3 A	1·6 W / 6·3 A	–
	Pvk = 4·75 W	Pvk = 2 W	Pv = 1·65 W	–

Cat. No. 0372 80
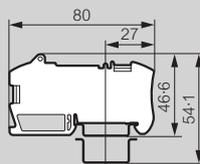
Cat. Nos. 0372 81/82/83/85
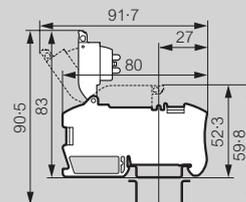
Cat. No. 0372 84/86
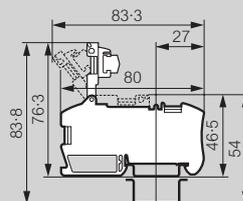
Stripped lengths (mm)

Spring terminal width (mm)	Rigid or flexible cable
5	
6	8 to 12
8	
10	8 to 13
12	8 to 15

Protection against fire and panic risks in public buildings/UTE C 12-201 guide

Art. EL 3, definitions : "Security installations are those that have to be put into or maintained in service to ensure the evacuation of the public" or facilitate the intervention of the first-aid

Art. EL 16, power supply circuits in security installations section 1a: "…the corresponding junction or deviation devices and their enclosures except for the waterproofing systems must satisfy the incandescent cable test defined in the standard in force, the temperature of the incandescent cable being 960 °C"
Viking 3 terminal blocks satisfy the incandescent cable test 960 °C according to standard IEC 60695-2-11

■ Characteristics and dimensions (mm)

End stops

Cat. No. 0375 10

Cat. No. 0375 11
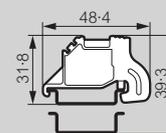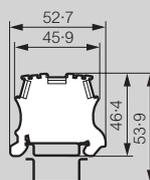
Cat. No. 0375 12

Cat. No. 0375 13
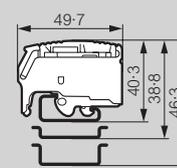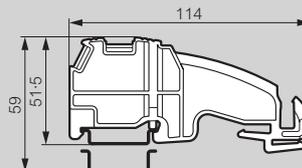
End caps

Cat. Nos.	Thickness (mm)
0375 50	2
0375 51	2·5
0375 52	2
0375 53	2
0375 54	2·5
0375 55	2
0375 56	1·4
0375 57	1·4
0375 86	1
0375 87	1·1
0375 88	1·1
0375 89	1·1
0375 90	2

Separation and insulation dividers

Cat. Nos.	Thickness (mm)
0375 54	2·5
0375 60	2·5
0375 61	2·6
0375 62	2·5
0375 63	2·5
0375 95	2·8
0375 96	2·7

Bridging combs/bars

Cat. Nos.	Cross-section (mm²)
0375 01	2·5
0375 02	2·5
0375 04	4
0375 05	4
0375 07	6
0375 40	10
0375 42	16
0375 44	35
0375 46	2·5
0375 47	2·5
0375 82	10
0375 85	16

Shielding accessories

Mounting on bar
10 x 3
Cat. No. 0375 34

Mounting on rail with accessory
Cat. No. 0364 69[1]

Mounting on plate
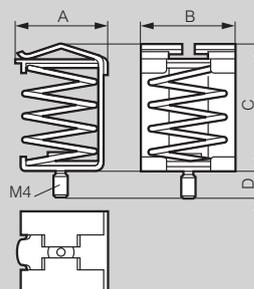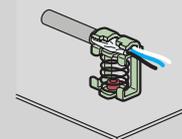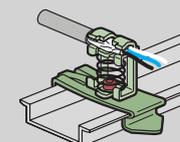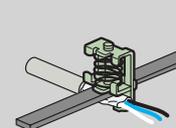
Cat. Nos.	A	B	C	D
0375 30	13·5	18	26	5·6
0375 31	20	20·3	31·4	5·3
0375 32	24·8	26	40	5·3

1 : See enclosures equipment and fixing accessories p. 24

Viking 3 heavy duty terminal blocks

selection chart

ⓊⓁ ⓈⒶ	TERMINAL TYPE			TERMINAL BLOCK				INSULATION	BRIDGING COMB	PROTECTION		ASSOCIATED PRODUCTS
				Max. connection (mm²)	Width (mm)	Cat. Nos.		Separation and insulation divider	Shunt	Cover 4 blocks	Cover 3 blocks	CAB 3 marking system **p. 70**
						Rail ⌐	Rail ⌐					
0390 11 / 0390 14 — **Heavy duty terminal blocks** p. 65	Cable - cable			–	42	0390 10	–	–	0394 46	–	–	
				–	55	0390 11	–	–	0394 47	–	–	
	Cable lug - cable lug			–	36	0390 13	–	–	0394 46	–	–	
					42	0390 14	–	–	0394 46	–	–	
					55	0390 15	–	–	0394 47	–	–	
	Cable lug - cable			–	42	0390 17	–	–	0394 46	–	–	
					55	0390 18	–	–	0394 47	–	–	
0390 32 — **Heavy duty terminal blocks** p. 66	For copper bars and cable lugs			35	26	0390 71	0390 31	0394 77	–	0394 88	–	
				70	34	0390 72	0390 32	0394 78	–	0394 86	–	
				120	34	0390 73	0390 33	0394 78	–	0394 86	–	
				240	46	0390 74	0390 34	0394 78	–	0394 89	0394 86	

CAB 3 marking system **p. 70-73**

Enclosures **p. 6-21**

Viking 3 heavy duty terminal blocks

for copper and aluminium cables

With CAB 3 marking
(p. 70)

Possibility of sealing

0390 10

Termination options

Cable - Cable

Cable lug - Cable lug

Cable lug - Cable

0390 11 (interior view)

Technical characteristics **p. 67**

Pack	Cat. Nos.	**Heavy duty terminal blocks**

For copper and aluminium cables
IK 04
Conform to IEC 60947-7-1, EN 60947-7-1
UL 1059 and 486 E - CSA 22-2
Fire resistant IEC 60695-2-11 : 960°C (except cover)
V2 according to UL 94
Bridging the gap between the enclosure and external cables
Fixed using metal clip for rails ⌐ 15 mm depth and ⌐ EN 60715, 15 mm depth or on plate with screws
Fitted with hinged covers with cut-outs
Permits the use of CAB 3 markers
Test via test plug Ø4 mm closed covers
Blocks with identical width can be joined using a threaded rod
Supports shunt with Cat. Nos. 0394 46/47

Cable - Cable

Pack	Cat. Nos.	Rigid or flexible connecting cable (mm²)	Rigid or flexible connecting cable (mm²)	Width (mm)
5	0390 10	Al/Cu 35 to 120	Cu 35 to 70	42
5	0390 11	Al/Cu 70 to 300	Cu 70 to 150	55

Cable lug - Cable lug

Pack	Cat. Nos.	Connecting plate max. (mm²)	Connecting plate max. (mm²)	Width (mm)
5	0390 13	Al/Cu 95	Al/Cu 95	36
5	0390 14	Al/Cu 150	Al/Cu 150	42
5	0390 15	Al/Cu 300	Al/Cu 300	55

Cable lug - Cable

Pack	Cat. Nos.	Connecting plate max. (mm²)	Rigid or flexible connecting cable (mm²)	Width (mm)
5	0390 17	Al/Cu 150	Cu 35 to 95	42
5	0390 18	Al/Cu 300	Cu 70 to 150	55

Pack	Cat. Nos.	**Accessories**
		Shunt
5	0394 46	For blocks with width 36 and 42 mm
5	0394 47	For blocks with width 55 mm

DIN rails **p. 58**

Viking 3 heavy duty terminal blocks

for copper bars and cable lugs

0390 32

0394 78 + 86

Technical characteristics **p. 67**

Pack	Cat. Nos.	**Heavy duty terminal blocks**
		For copper bars or cable lugs
		Conform to IEC EN 60947-7-1
		Fire resistance : 960 °C, IEC EN 60695-2-11
		V2 according to UL94
		Insulating material : polyamide –30 °C to +100 °C
		Bridging the gap between the enclosure and external cables
		Plastic foot
		For use with terminal marker sheets (p. 70)
		Separation barriers and protective covers to be ordered separately
		For symmetrical rails
		Fixed using metal clip on rails ⌐ 15 mm depth and ⌐ EN 60715, 15 mm depth (p. 58)

Pack	Cat. Nos.	Connecting max. (mm²)	Width of plate (mm)	Stud (Ø)	Width (mm)
5	0390 71	35	15	M 8	26
5	0390 72	70	20	M 10	34
5	0390 73	120	25	M 10	34
5	0390 74	240	35	M 12	46

For asymmetrical rails
Fixed using metal clip on rails ⌐ EN 60715 (p. 26)

Pack	Cat. Nos.	Connecting max. (mm²)	Width of plate (mm)	Stud (Ø)	Width (mm)
5	0390 31	35	15	M 8	26
5	0390 32	70	20	M 10	34
5	0390 33	120	25	M 10	34
5	0390 34	240	35	M 12	46

Pack	Cat. Nos.	**Accessories**
		Separation barriers
		Take protective covers
		Marking possible with CAB 3 marking system (p. 70)
10	0394 77	For terminals with width 26 mm
10	0394 78	For terminals with width 34 and 46 mm
		Protective covers
		For mounting on separation barriers
5	0394 86	For 3 terminals with width 46 mm or for 4 terminals with width 34 mm
5	0394 88	For 4 terminals with width 26 mm
5	0394 89	For 4 terminals with width 46 mm

End stops p. 58

CAB 3 marking system **p. 70-73**
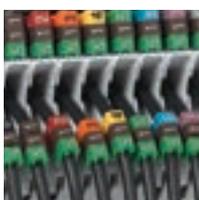
Enclosures **p. 6-29**

Viking 3 heavy duty terminal blocks

■ Characteristics of heavy duty terminal blocks for copper and aluminium cables

IK 04
Conform to IEC 60947-7-1, EN 60947-7-1
UL 1059 and 486 E - CSA 22-2
Fire resistant IEC 60695-2-11 : 960 °C (except cover)
V2 according to UL 94
Insulation voltage Ui : 1 000 V
Impulse voltage Uimp : 12 kV
Insulating material :
- polyamide body –30 °C to +100 °C
- polypropylene cover –25 °C to +100 °C

Connection table

Cat. Nos.	Connection (mm²)	Width of plate (mm)	Screw Ø	Connection (mm²)	Width of plate (mm)	Screw Ø	Width (mm)
Cable - Cable							
0390 10	Rigid or flexible Cu/Al: 35 to 120	–	–	Rigid or flexible Cu: 35 to 70	–	–	42
0390 11	Rigid or flexible Cu/Al: 70 to 300	–	–	Rigid or flexible Cu: 70 to 150	–	–	55
Cable lug - Cable lug							
0390 13	Cu/Al: max. 95	28	M 8	Cu/Al: max. 95	28	M 8	36
0390 14	Cu/Al: max. 150	34	M 10	Cu/Al: max. 150	34	M 10	42
0390 15	Cu/Al: max. 300	46	M 12	Cu/Al: max. 300	46	M 12	55
Cable lug - Cable							
0390 17	Cu/Al: max. 150	34	M 10	Rigid or flexible Cu: 35 to 95	–	–	42
0390 18	Cu/Al: max. 300	46	M 12	Rigid or flexible Cu: 70 to 150	–	–	55

Cable - Cable

Cable lug - Cable lug

Cable lug - Cable

Currents table

Cat. Nos.	Current (A)				Short-circuit current (kA)		Tightening torque (Nm)		Width (mm)
	Shunted input	I/O currents			Shunted input	I/O	Site	Factory	
	IEC	IEC	CSA	UL					
Cable - Cable									
0390 10	340	250	200	170	14·4	8·4	15	15	42
0390 11	570	400	300	285	36	18	35	35	55
Terminal for cable lug - Terminal for cable lug									
0390 13	310	310	250	230	11·4	11·4	15	15	36
0390 14	415	415	340	285	18	18	15	15	42
0390 15	670	670	520	420	36	36	35	35	55
Terminal for cable lug - Cable									
0390 17	415	315	210	230	18	11·4	15	15	42
0390 18	670	420	325	285	36	18	35	35	55
Shunts									
0394 46	450 max.	–	–	–	–	–	6		–
0394 47	700 max.	–	–	–	–	–	10		–

Cable section equivalence table

mm²	35	70	95	120	150	185	300
AWG	2	00	0000	250	300	350	600

Dimensions (mm)
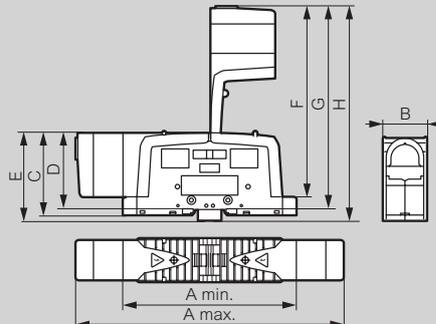
Cat. Nos.	A max.	A min.	B	C	D	E	F	G	H
0390 13	227	155	36	82	73	88	176	185	191
0390 10/14/17	296	200	42	83·5	74·5	89·5	212	221	227
0390 11/15/18	337	216	55	107·3	98·5	113·5	257	266	272

■ Characteristics of heavy duty plate terminal blocks for copper bars or cable lugs

Cat. Nos.	Voltage (V) IEC	Intensity (A) IEC
0390 31/71	1000	125
0390 32/72	1000	192
0390 33/73	1000	269
0390 34/74	1000	415

IEC EN 60947-7-1
Fire resistance :
960 °C, IEC EN 60695-2-11
V2 according to UL 94
Insulating material :
polyamide –30 °C to +100 °C
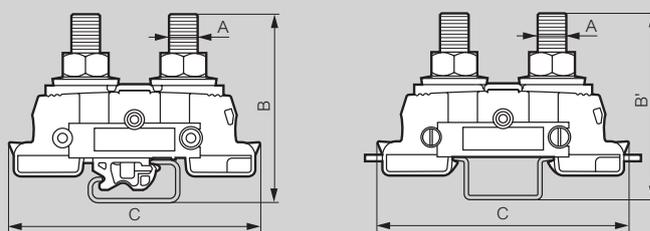
Dimensions (mm)

Cat. Nos. 0390 31/32/33/34   Cat. Nos. 0390 71/72/73/74

Cat. Nos.	A	B	B'	C
0390 31	M 8	56		84
0390 32	M 10	61		84
0390 33[1]	M 10	61		84
0390 34[2]	M 12	64		86
0390 71	M 8		55·3	84
0390 72	M 10		60·4	84
0390 73	M 10		60·4	84
0390 74	M 12		63·5	86

■ Separation barriers

Dimensions (mm)
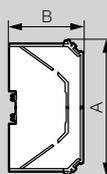
Cat. Nos. 0394 77/78

Cat. Nos.	A	B	Thickness
0394 77	106	82	8
0394 78	188	102	12

1 : Previously M 12 + block length 78·5 mm
2 : Previously M 16 + block length 94 mm

Completing the

Create reliable connections which are clearly marked and secured with Legrand's range of cabling accessories. From Starfix tools and ferrules to CAB 3 marking systems and Colson and Colring cable ties, we've got everything you need to complete your installation to the highest standard.

Starfix crimping tools - available in 3 sizes for cables from 0.25 to 6mm^2

Fit the applicator

Adjust cable size

Insert cable and crimp

Starfix multi-purpose crimping tool - for cables from 0.5mm to 2.5mm^2

Adjust cross section

Cut, strip and twist

Crimp

Create reliable connections in seconds with Starfix crimping tools and ferrules... everything you need for 0.25 to 50mm^2 cables.

perfect installation

Colring® cable ties

Colring polyamide 6/6 cable ties feature internal teeth and are available in black UV protected and colourless non UV protected options.

Tool available for tightening and trimming of Colring cable ties

Self-adhesive and screw mounting bases available

Colson® cable ties

Colson polyamide 12 (halogen-free, low fire hazard) cable ties feature external teeth and offer UV, high level acid and chemical protection.

Tool available for tightening and trimming of Colson cable ties

Screw mounting and wall plug bases available

Making your mark

CAB 3 offers a high quality solution to multiple cable and terminal marking requirements. Universal fittings enable clear, rapid marking and simple modification.

- Sizes range from 0.15 to 6mm²
- Numbers, letters, conventional symbols and international marker colours available
- Supplied in strips - easier to handle / less wastage
- For Viking 3, heavy duty terminal blocks - or fit directly to cables (retrofit possible)
- Mixed marker sets available

Markers can be fitted directly onto cables or via a marker holder

Terminal block installation with CAB 3 markers

L1 legrand

marking label sheets
for Viking 3 terminal blocks

CAB 3® marking system
for cables and Viking 3 terminal blocks
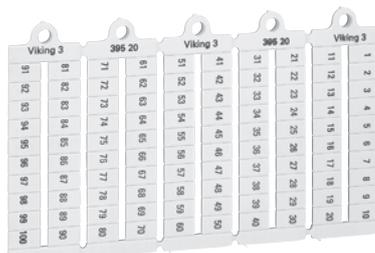
0395 20

0395 98
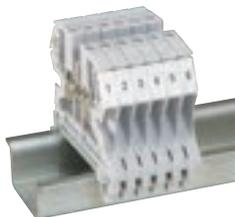
0395 05 on Viking 3
terminal blocks
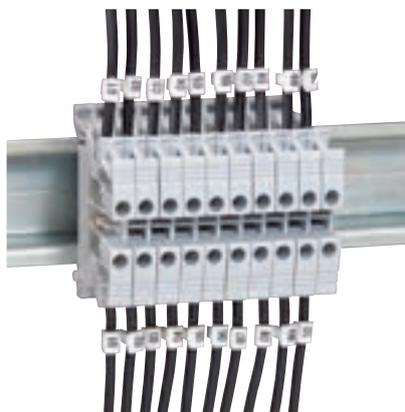
Same markers for cable and terminal blocks

Strips of 20 markers
For cables or Viking 3 terminal blocks

 Technical information **p. 73**

Pack	Cat. Nos.	**Blank markers**
		Displayed by sheet of 100 pre-cut markers
		Manual marking with black felt tip pen Cat. No. 0395 98
1000	0395 00	For blocks 5 mm width
1000	0395 01	For blocks 6 mm width
1000	0395 02	For blocks 8 mm width

Pack	Cat. Nos.	**Pre-printed markers – numbers**
		Horizontal format
		Width of 5 mm
1000	0395 05	From 1 to 10 (10 times)
1000	0395 06	From 11 to 20 (10 times)
1000	0395 09	From 1 to 50 (2 times)
1000	0395 10	From 1 to 100
		Width of 6 mm
1000	0395 15	From 1 to 10 (10 times)
1000	0395 16	From 11 to 20 (10 times)
1000	0395 19	From 1 to 50 (2 times)
1000	0395 20	From 1 to 100
1000	0395 21	From 101 to 200

Pack	Cat. Nos.	**Black felt tip pen**
10	0395 98	Permanent marker

Pack	Cat. Nos.	**Markers for cables 1·5 to 2·5 mm² cross section and terminal blocks**
		Numbers : black on white background
240	0381 60	01 to 20
240	0381 61	21 to 40
240	0381 62	41 to 60
240	0381 63	61 to 80

 Viking 3 terminal blocks
p. 50-67
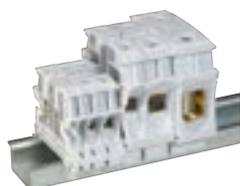
CAB 3® marking system

for cables and Viking 3 terminal blocks (continued)

Perfect alignment of markers

0382 12

Terminal blocks with CAB 3 markers and label holders

Technical information **p. 73**

Markers for cables 0·15 to 0·5 mm² and 0·5 to 1·5 mm² cross section and terminal blocks

On Viking 3 terminal blocks
- 4 markers 0·15 to 0·5 mm² max.
- 3 markers 0·15 to 1·5 mm² max.

Digits : international colour code

Pack¹		Cat. Nos.			
		0·15 to 0·5²	0·5 to 1·5²		
1 000	1 200	0381 00	0382 10	0	Black
1 000	1 200	0381 01	0382 11	1	Brown
1 000	1 200	0381 02	0382 12	2	Red
1 000	1 200	0381 03	0382 13	3	Orange
1 000	1 200	0381 04	0382 14	4	Yellow
1 000	1 200	0381 05	0382 15	5	Green
1 000	1 200	0381 06	0382 16	6	Blue
1 000	1 200	0381 07	0382 17	7	Purple
1 000	1 200	0381 08	0382 18	8	Grey
1 000	1 200	0381 09	0382 19	9	White

0381 06

Letters : black on yellow background

Pack¹		Cat. Nos.		
300		0381 10	0383 00	A
300		0381 11	0383 01	B
300		0381 12	0383 02	C
300		0381 13	0383 03	D
300		0381 14	0383 04	E
300		0381 15	0383 05	F
300		0381 16	0383 06	G
300		0381 17	0383 07	H
300		0381 18	0383 08	I
300		0381 19	0383 09	J
300		0381 20	0383 10	K
300		0381 21	0383 11	L
300		0381 22	0383 12	M
300		0381 23	0383 13	N
300		0381 24	0383 14	O
300		0381 25	0383 15	P
300		0381 26	0383 16	Q
300		0381 27	0383 17	R
300		0381 28	0383 18	S
300		0381 29	0383 19	T
300		0381 30	0383 20	U
300		0381 31	0383 21	V
300		0381 32	0383 22	W
300		0381 33	0383 23	X
300		0381 34	0383 24	Y
300		0381 35	0383 25	Z

0383 17

0381 28

Conventional symbols : black on yellow background

Pack¹		Cat. Nos.		
300		0381 40	0382 70	/
300		0381 41	0382 71	•
300		0381 42	0382 72	+
300		0381 43	0382 73	−
300		0381 44	0382 74	∼
300			0382 75	⏚
300			0382 76	⏚

0382 72

0381 43

Markers for cables 1·5 to 2·5 mm² and 4 to 6 mm² cross section

Digits : international colour code

Pack¹		Cat. Nos.			
		1·5 to 2·5²	4 to 6²		
1 200	800	0382 20	0382 30	0	Black
1 200	800	0382 21	0382 31	1	Brown
1 200	800	0382 22	0382 32	2	Red
1 200	800	0382 23	0382 33	3	Orange
1 200	800	0382 24	0382 34	4	Yellow
1 200	800	0382 25	0382 35	5	Green
1 200	800	0382 26	0382 36	6	Blue
1 200	800	0382 27	0382 37	7	Purple
1 200	800	0382 28	0382 38	8	Grey
1 200	800	0382 29	0382 39	9	White

0382 32

0382 26

Letters : black on yellow background

Pack¹		Cat. Nos.		
300		0383 30	0383 60	A
300		0383 31	0383 61	B
300		0383 32	0383 62	C
300		0383 33	0383 63	D
300		0383 34	0383 64	E
300		0383 35	0383 65	F
300		0383 36	0383 66	G
300		0383 37	0383 67	H
300		0383 38	0383 68	I
300		0383 39	0383 69	J
300		0383 40	0383 70	K
300		0383 41	0383 71	L
300		0383 42	0383 72	M
300		0383 43	0383 73	N
300		0383 44	0383 74	O
300		0383 45	0383 75	P
300		0383 46	0383 76	Q
300		0383 47	0383 77	R
300		0383 48	0383 78	S
300		0383 49	0383 79	T
300		0383 50	0383 80	U
300		0383 51	0383 81	V
300		0383 52	0383 82	W
300		0383 53	0383 83	X
300		0383 54	0383 84	Y
300		0383 55	0383 85	Z

0383 46

0383 79

Conventional symbols : black on yellow background

Pack¹		Cat. Nos.		
300		0382 80	0382 90	/
300		0382 81	0382 91	•
300		0382 82	0382 92	+
300		0382 83	0382 93	−
300		0382 84	0382 94	∼
300		0382 85	0382 95	⏚
300		0382 86	0382 96	⏚

0382 82

0382 94

CAB 3 accessories **p. 72**
Viking 3 terminal blocks **p. 50-67**

1 : Up to 0·5 mm²: strips of 25 markers
From 0·5 mm² to 2·5 mm²: strips of 30 markers
Upper 2·5 mm²: strips of 20 markers

CAB 3® marking system

accessories

0384 90

0384 92

0383 92 +
CAB 3 markers
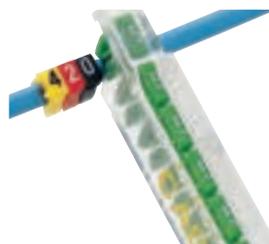
0383 97

0382 00

Technical information **p. 73**

Pack	Cat. Nos.	CAB 3 accessories
		Marker holders – for cable
		For cables with cross section from 10 mm^2 to 70 mm^2
		Capacity :
		8 digit, letter or symbol markers from 0·5 to
		1·5 mm^2 or 1·5 to 2·5 mm^2 cross section
		Black
100	0384 90	10 to 16 mm^2 cable cross section
50	0384 91	25 to 35 mm^2 cable cross section
50	0384 92	50 to 70 mm^2 cable cross section
		Marker holders – for Viking 3 terminal blocks
100	0383 92	Can be clipped onto Viking 3 terminal blocks
		Capacity :
		7 markers from 0·15 to 0·5 mm^2
		6 markers from 0·5 to 1·5 mm^2
		Transparent applicators
		For rapid selection and application of markers onto cable

Pack	Cat. Nos.	For markers cross section (mm^2)	Applicator colour for identification of cross section
10	0383 94	0·15 to 0·5	Green
10	0383 95	0·5 to 1·5	Red
10	0383 96	1·5 to 2·5	Blue
10	0383 97	4 to 6	Yellow

Pack	Cat. Nos.	CAB 3 accessories
		On-site toolbox
1	0382 00	With removable tray for CAB 3 markers and applicators, Starfix ferrules etc.
		Height 85 mm, depth 280 mm, width 450 mm
		Metal, padlockable
		Supplied empty

CAB 3® marking system

for cables and Viking 3 terminal blocks

■ Dimensions

Markers
Polyamide 6/6
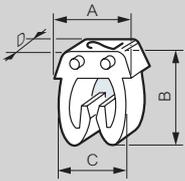
Dimensions	Cable cross section (mm²)			
	0·15 to 0·5	0·5 to 1·5	1·5 to 2·5	4 to 6
A (mm)	5	5	5·6	8
B (mm)	5·05	6·4	7·6	9·6
C (mm)	3·7	4·3	4·9	7·1
D (mm)	2·3	3	3	3
Ø min./max. (mm)	0·8/2·2	2·2/3	2·8/3·8	4·3/5·3

Marker holders – for cable

Cat. No. 0384 90   Cat. No. 0384 91   Cat. No. 0384 92
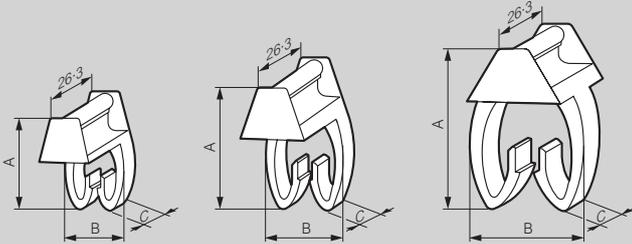
Dim.	Section of cable for marking (mm²)		
	10 to 16	25 to 35	50 to 70
A (mm)	18	24·3	27·2
B (mm)	8·9	12·2	17·2
C (mm)	7	7	10

Marker holders – for Viking 3 terminal blocks

Cat. No. 0383 92
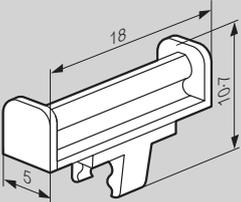
On-site toolbox
Cat. No. 0382 00
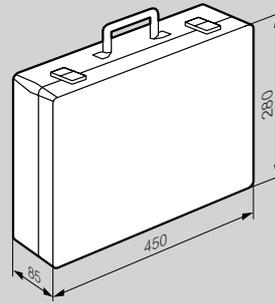
Bottom tray consists of :
• 8 medium slots
  (each slot takes 1 box of CAB 3)
• 1 large slot

Top tray consists of :
• 12 small slots (<=> approx.
  6 boxes of CAB 3)
• 1 medium slot for applicators
  Capacity : approx. 15 000 CAB 3 markers

■ Examples

CAB 3 fitted on to Viking 3 terminal blocks
using marker holder (Cat. No. 0383 92)

Fitted directly on to heavy duty terminal blocks
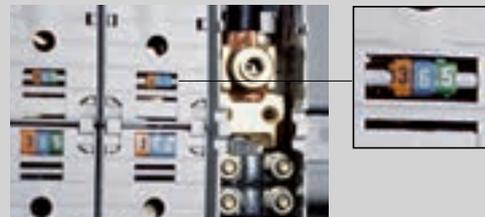
Fitted on to cable with marker holder
(Cat. No. 0384 92)

Cable tie specification guide

OPERATING TEMPERATURE

Always check the operating temperature, especially if the cable tie is to be installed in an application where extreme temperature may occur. Not all ties are made with the same material characteristics and some can become brittle at low temperatures and soften at high temperatures

Legrand recommends

- Colring polymide 6/6 black cable ties (operating temperature: -15°C to +120°C)
- Colson polymide 12 black cable ties (operating temperature: -40°C to +100°C)

ENVIRONMENT

Establish if the cable tie is being used inside or outside. Exposure to sunlight and UV rays can damage and break down the material causing the tie to weaken and fracture. Always choose a UV protected cable tie for external applications

Legrand recommends

- Colring polyamide 6/6 black or Colson polyamide 12 black UV protected cable ties for external usage

TENSILE STRENGTH

Consider the load that the cable tie will need to deal with. Tensile strength is the maximum stress that a material can withstand while being stretched or pulled before failing or breaking

Legrand recommends

- Colson polyamide 12 black UV protected cable ties for heavy load applications

For more information please contact Legrand on:

Tel: 0345 605 4333

Email: uk-cmsales@legrand.co.uk

HALOGENS

Are halogen free cable ties required?
Halogens are a group of highly reactive elements. Products containing halogens can produce highly dangerous gases when burned, and can therefore be life threatening in the event of a fire

Legrand recommends

- Colring and Colson cable ties, both of which are halogen free

INTERNAL OR EXTERNAL TEETH

Cable ties with external teeth are particularly useful in applications where internal teeth could cause damage. An example of this is for suspended lines, where damage to insulation needs to be avoided

Legrand recommends

- Colson polyamide 12 black UV protected cable ties with external teeth

EXTERNAL AGENTS

Ensure that the cable ties are resistant to any external agents they may be exposed to, such as oils, greases, petroleum products and chlorinated solvents. This is particularly important for extreme environments

Legrand recommends

- Colring cable ties for environments where oils, greases, petroleum products and chlorinated solvents may be present
- Colson cable ties for environments where oils, greases, petroleum products, saline mist and diluted acids may be present

FIRE PROPAGATION

Is there a fire risk? This will affect the type of cable tie required. We would always recommend fire resistant cable ties to guarantee the safety of persons and property in the event of a fire

Legrand recommends

- All Legrand cable ties are flame retardant with a fire resistance to UL 94

Colring® cable ties

0320 15/37/22/24

0320 42 supplied
in blister pack

0320 65

0320 70

0320 72

0320 88

 Technical information and dimensions **p. 76**

Colson® cable ties

0319 16

0319 50

0319 55

0319 96

 Technical information and dimensions **p. 77**

Colring cable ties with internal teeth

With self-locking head
Conform to EN 62275 type 1 (NF C 68-146)

Polyamide 6/6 colourless

Blister packed

Pack	Cat. Nos.	Width (mm)	Flat length (mm)	Max. Ø grip capacity (mm)	Min. Ø grip capacity (mm)	Weight (g)
1000	0320 30	2·4	95	18	1·6	0·26
1000	0320 31	2·4	140	33	1·6	0·37
1000	0320 32	2·4	180	46	1·6	0·47
1000	0320 37	3·5	140	33	1·6	0·57
1000	0320 38	3·5	180	46	1·6	0·73
100	0320 39	3·5	280	77	1·6	1·13
100	0320 40	3·5	360	102	1·6	1·46
1000	0320 42	4·6	180	46	1·6	1·20
100	0320 43	4·6	280	77	1·6	1·88

Polyamide 6/6 black

High temperature
UV protected
Blister packed

Pack	Cat. Nos.	Width (mm)	Flat length (mm)	Max. Ø grip capacity (mm)	Min. Ø grip capacity (mm)	Weight (g)
100	0320 12	2·4	95	18	1·6	0·26
100	0320 15	3·5	140	33	1·6	0·57
1000	0320 22	4·6	180	46	1·6	1·20
100	0320 24	4·6	360	102	1·6	2·38

Accessories

Self-adhesive base

| 100 | 0320 65 | For ties up to 4·6 mm max. width Colourless |

Screw mounting bases

| 1000 | 0320 70 | For ties 4·6 mm max. width Central fixing (screw Ø 4 mm) |
| 100 | 0320 72 | For ties all widths Central fixing (screw Ø 5 mm) |

Tool for Colring cable ties

Max. width 4·6 mm
Direct adjustment of clamping tension by using the milled screw at the base of the handle
After clamping, a blade automatically cuts the surplus length close to the head without leaving a burr

| 1 | 0320 88 | P 46 tool for cable ties |

Colson UV protected cable ties

Conform to EN 50146 and IEC 62275
UV protected
External teeth
Black polyamide 12

Pack	Cat. Nos.	Width (mm)	Flat length (mm)	Max. Ø grip capacity (mm)	Min. Ø grip capacity (mm)	Weight (g)
100	0319 13	9	185	42	10	3·2
100	0319 16	9	262	62	26	4·7
100	0319 19	9	357	92	26	6·9
100	0319 20	9	498	140	74	12·7
100	0319 21	9	750	220	74	16·9
100	0319 22	6	119	25	4	1·6
100	0319 25	6	180	45	10	2·0

Accessories

Screw-on base

| 100 | 0319 50 | Black For ties max. width 9 mm. Height : 12 mm for cartridge-fired stud and rag-bolt Ø 6·35 mm, metal stud Ø 7 mm and countersunk screws Ø 5 mm |

Wall plug base

| 100 | 0319 55 | Black Ø 8 mm drilling |

Tool for Colson cable ties

| 1 | 0319 96 | Black and red finish Allows tightening and trimming of Colson ties |

⌐⌐ legrand

Colring® cable ties

■ Performance

Conform to EN 62275 type 1 (NFC 68-146)
"cable ties for electrical installations"
Recognised **Ⓝus** UL 1565 approval

■ Technical data

Good resistance to bases, oils, greases and petroleum products
Limited resistance to acids, sensitive to mineral acids and no
resistance to phenol

Cable ties Polyamide 6/6		Max. rachet force (daN)	Tensile strength	
			According to EN 50146	
Colourless Non UV protected	Black High temperature UV protected		Test dia. (mm)	Min. guaranteed strength (daN)
0320 30	0320 12	0·50	18	8·0
0320 31		0·50	20	8·0
0320 32		0·50	20	8·0
0320 37	0320 15	0·50	20	13·0
0320 38		0·50	20	13·0
0320 39		0·50	20	13·0
0320 40		0·50	20	13·0
0320 42	0320 22	0·50	20	22·0
0320 43		0·50	20	22·0
	0320 24	0·50	20	22·0

Type	Colring colourless	Colring black
UV protection	no	yes
Polyamide material	6/6	6/6
Teeth	internal	internal
Halogen free[1]	yes	yes
Humidity absorbtion[2]	2·5 %	2·5 %
Operating temperature		
- 20,000 hrs	85 °C	105 °C
- 1,000 hrs	100 °C	120 °C
Resistance to low temperatures		
- fitted	−15 °C	−15 °C
- assembly	−10 °C	0 °C
Flame retardancy	UL 94 V2	UL 94 V2
Oxygen index (LOI) (EN ISO 4589-1/ASTM D 2863-00)	28·5 %	26 %
Self-extinguishing[3]	850 °C	850 °C

1 : Conform to Class I ASTM D 4066 (Class 2 for Colring black)
2 : Conform to ISO 62 (EH 0-23 °C)
3 : Conform to IEC 60695-2-12

External agents resistance
- Good resistance to bases, oils, greases, petroleum products,
  chlorinated solvents
- Humidity retention : 1·5 % ≤ humidity retention ≤ 3 %

Fire resistance
- Flame resistance UL 94 : V2
- Flame-retardant
- Self-extinguishing 850 °C according to IEC 60695-2-12
- Oxygen index : EN ISO 4589-1 / ASTM D 2863-00 :
  28·5% (26% for Colring black)
- Halogen-free polyamide, class 1 according to ASTM D 4066
  (Class 2 for Colring black)

■ Dimensions

Accessories for Colring
Cat. No. 0320 65
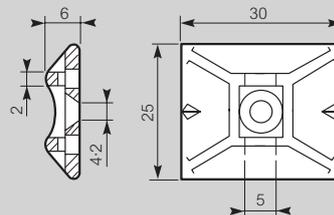
Cat. No. 0320 70
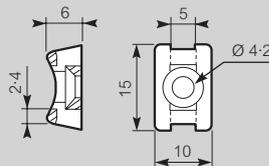
Cat. No. 0320 72
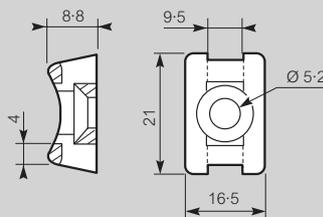
Colson® cable ties

■ Performance

Conform to EN 62275 type 1 (NFC 68-146)
"cable ties for electrical installations"
Test conditions :
• Temperature : 23 °C
• Relative humidity of air : 50 %
• Traction speed : 25·4 mm/min

■ Technical data

Constant high quality

Type tests
• Raw material test
• Product test on the production line and in the laboratory
• Packaging test

Tensile strength (according to EN 50146)

Tensile strength depending on temperature

100 % of strength at 23 °C according to EN 50146

Temperature (°C)
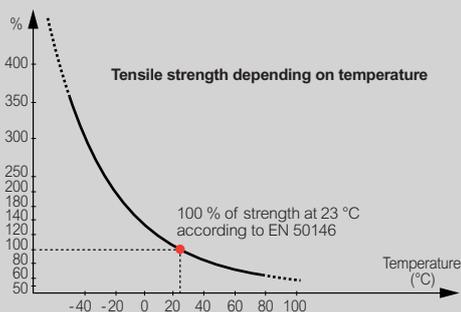
Quality of tensile strength

Cat. Nos.	Diagram (A) - Max. ratchet force (daN)	Diagram (B) - Tensile strength	
		Test dia. (mm) According to EN 50146	Min. strength (daN)
0319 13	4	20	36
0319 16	5	26	53
0319 19	5	26	53
0319 20	5·5	74	53
0319 21	5·5	74	53
0319 22	4	20	22
0319 25	4	20	22

(A)

F (daN)

(B)
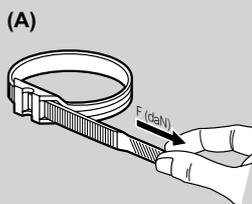
Fire resistance

• Flame retardant
• Conform to UL 94 requirements, HB classification
• Glow-wire flammability resistance according to IEC 60695-2-11 : 650 °C
• Oxygen index (LOI) according to EN ISO 4589-1/ASTM D 2863-00 : 20 %
• Low fire hazard polyamide

UV protected according to norm IEC 62275 type 1

UV protected black cable ties for outdoor use
These black cable ties have successfully undergone UV resistance and climatic ageing tests representing actual conditions of use
These cycles combine a 1000 hours radiance under arc or xenon lamp according to ISO 4892-2 method 1

Resistance to external agents

• Good resistance to oils, greases, petroleum products, saline mist and diluted acids

Resistance to rain
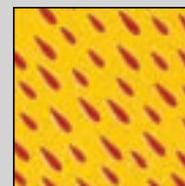
• Humidity absorption: ≤0·7%

Resistance to low temperatures
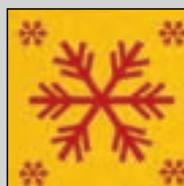
• Assembly −30 °C
• Fitted −40 °C

Resistance to sun

Maximum temperatures :
• 85 °C continuous
• 100 °C @ 1000 hrs
• UV resistant

Colson approvals

Oxygen index : EN ISO 4589-1 and ASTM D 2863-00, 20 %
Corrosiveness of fumes : NFC 20-453, < 5 %
Flame retardancy : UL 94 HB

Type	Colson black
UV protection	yes
Polyamide material	12
Teeth	external
Halogen free[1]	yes
Humidity absorbtion[2]	<0·7 %
Operating temperature	
- 20,000 hrs	85 °C
- 1,000 hrs	100 °C
Resistance to low temperatures	
- fitted	−40 °C
- assembly	−30 °C
Flame retardancy	UL 94 HB
Oxygen index (LOI) (EN ISO 4589-1/ASTM D 2863-00)	20 %
Self-extinguishing[3]	650 °C

1 : Conform to Class I ASTM D 4066
2 : Conform to ISO 62 (EH 0-23 °C
3 : Conform to IEC 60695-2-11

■ Colson traceability

Each Colson cable tie can be identified, underlining Legrand's commitment to the consumer, so that you can always be sure you are using a genuine Colson

■ Dimensions

Accessories for Colson

Cat. No. 0319 50
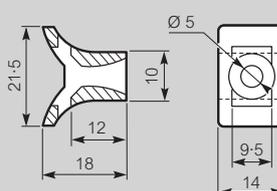
Cat. No. 0319 55

L legrand

Starfix® ferrules and crimping tools

0376 50

0376 60

0376 61

0376 62

0376 63

0376 87

0376 64

0376 66

0376 67

0376 68

0376 43

0376 09 + refill 0376 43

Adjustable cross section

0376 06

0376 39

0376 92
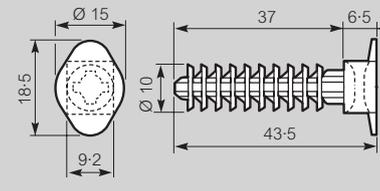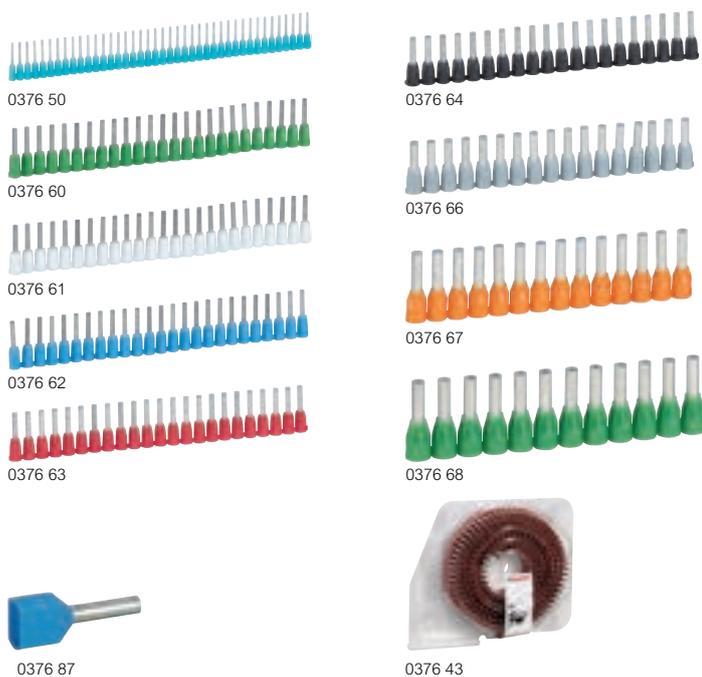
Technical information and dimensions **p. 79**

Ferrules with insulating flange

Provide an equipotential link for all the strands
of a flexible conductor
Active part in tinned electrolytic copper
Conform to NF C 63-023

Single ferrules (in strips)
Supplied in strips to prevent loss of ferrules

Pack	Cat. Nos.	For cables cross section (mm²)	Colour	Strips	Ferrules
500	0376 50	0·25	turquoise	10	50
500	0376 60	0·34	green	10	50
480	0376 61	0·5	white	12	40
480	0376 62	0·75	blue	12	40
1 000	0376 63	1·0	red	25	40
1 000	0376 64	1·5	black	25	40
1 000	0376 66	2·5	grey	25	40
250	0376 67	4·0	orange	10	25
250	0376 68	6·0	green	10	25

Individual ferrules - single

Pack	Cat. Nos.				
100	0376 69	10	brown		
100	0376 70	16	white		
50	0376 71	25	black		

Individual ferrules - double

Pack	Cat. Nos.				
100	0376 87	2 x 0·75	blue		
100	0376 88	2 x 1·0	red		
100	0376 89	2 x 1·5	black		
100	0376 90	2 x 2·5	grey		

Large capacity refills
Large capacity for less frequent applicator reloading
Translucent packaging
For direct mounting on crimping tool Cat. No. 0376 09

Pack	Cat. Nos.	Cross section (mm²)	Colour	Number of ferrules per strip
3 000	0376 41	0·5	White	300
3 000	0376 42	0·75	Blue	300
3 000	0376 43	1·0	Red	300
3 000	0376 44	1·5	Black	300
2 500	0376 45	2·5	Grey	250

Colours according to NF C 63-023 standard
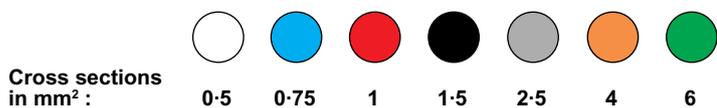
Cross sections in mm² :	0·5	0·75	1	1·5	2·5	4	6

Crimping tools for ferrules in strips

Cut and carry out 4-point crimping of ferrules from
0·25 to 6 mm² in one operation
Recommended for spring connections
Dedicated applicator for each crimping tool for
dispensing strips
For right and left-handed usage
4 point crimping for Cat. Nos. 0376 08/09
3 point crimping for Cat. No. 0376 10

Pack	Cat. Nos.	
1	0376 08	**For ferrules with 0·25 and 0·34 mm² cross sections** Supplied with empty applicator fitted
1	0376 09	**For ferrules with 0·5 to 2·5 mm² cross sections** Fitted with an adjustment wheel Supplied with empty applicator fitted
1	0376 10	**For ferrules with 4 and 6 mm² cross sections** Fitted with an adjustment wheel Supplied complete with empty applicator
1	0376 39	**Transport case for on-site use** Assorted kit, comprising : - 1 Starfix crimping tool, Cat. No. 0376 09 with empty applicator fitted - 120 x 0·5 mm² ferrules - 120 x 0·75 mm² ferrules - 240 x 1·0 mm² ferrules - 320 x 1·5 mm² ferrules - 200 x 2·5 mm² ferrules
1	0376 97	**Multi-purpose crimping tool for 0·5 to 2·5 mm² cross sections** Tool cuts, strips, twists, crimps Supplied complete with 5 empty applicators

Crimping tool for single and double ferrules

Starfix crimping tool for 0·25 to 6 mm² cross sections
For 4-point crimping of ferrules from 0·25 to 6 mm²
Recommended for spring connections

Pack	Cat. Nos.	
1	0376 06	Crimping tool with disengageable control system, crimping at end For right and left-handed usage
1	0376 92	**Transport case for on-site use** Assorted kit. Supplied with : - 1 tool with crimping operation control system for individual ferrules 10 to 50 mm² - 30 individual ferrules 10 mm² - 20 individual ferrules 16 mm² - 15 individual ferrules 25 mm² - 10 individual ferrules 35 mm² - 10 individual ferrules 50 mm²

applicators for Starfix® crimping tools

0376 47

Example of single/double ferrules fitted on cables

Example of different cables and ferrules
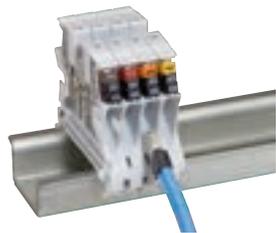
Example of use with Viking 3 terminals

 Technical information **opposite**

Pack	Cat. Nos.	**Starfix applicators**		
		For Starfix crimping tools		
		For dispensing strips of ferrules in Starfix crimping tools Cat. Nos. 0376 08/09/10/97		
		For ferrules cross section (mm²)		Colour
10	0376 46	0·25 and 0·34		yellow
10	0376 47	0·5 to 2·5		red
10	0376 48	4 and 6		orange

Starfix® ferrules, crimping tools and applicators

Correspondence table

Cross section (mm²)			
Ferrule	Single ferrule	Large capacity ferrule - refills	Starfix applicator
0·5	0376 61	0376 41	0376 47
0·75	0376 62	0376 42	0376 47
1·0	0376 63	0376 43	0376 47
1·5	0376 64	0376 44	0376 47
2·5	0376 66	0376 45	0376 47

Dimensions (mm)

Single ferrules
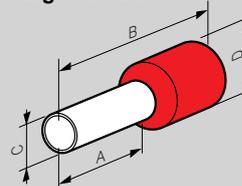
Cat. Nos.		Cross section (mm²)	A	B	C	D
0376 50		0·25	8	14·5	1·1	3
0376 60		0·34	8	14·5	1·1	3
0376 61	**0376 41**	0·5	8	14·5	1·5	3·4
0376 62	**0376 42**	0·75	8	14·5	1·5	3·4
0376 63	**0376 43**	1·0	8	14·5	1·7	3·6
0376 64	**0376 44**	1·5	8	14·5	2	4·1
0376 66	**0376 45**	2·5	8	14·5	2·6	4·8
0376 67		4	12	21	3·2	5·7
0376 68		6	12	23	3·9	7·2
0376 69		10	12	21	4·9	8·1
0376 70		16	18	29	6·3	9·8
0376 71		25	18	31	7·9	12

Double ferrules
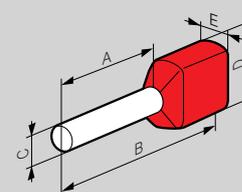
Cat. Nos.	Cross section (mm²)	A	B	C	D	E
0376 87	**2 x 0·75**	8	15	2·1	6	3·3
0376 88	**2 x 1·0**	8	15	2·35	6	4
0376 89	**2 x 1·5**	8	16	2·6	7·2	4·2
0376 90	**2 x 2·5**	10	18·5	3·3	8·4	4·8

Starfix crimping tool usage example

1 Fit the applicator

2 Adjust

The handle gives an excellent grip

3 Insert the cable

4 Crimp

Industrial
plugs, sockets and combination units

A choice of plugs, sockets and combination units, each designed to meet the individual needs of specific areas of the market.

From the everyday simplicity of the P17 Tempra Pro and P17 Tempra ranges to the rugged sophistication and additional security presented by Hypra, which is further enhanced by its unique interlocked load break Prisinter sockets range.

HYPRA PRISINTER SOCKETS

- Unique interlocked load break
- Padlockable cover
- Compact combined socket and switch
- Surface and panel mounting options
- Available in plastic and metal versions

TECH INFO
- IP 44/55
- IK 09 (plastic)
- IK 10 (metal)

HYPRA PLUGS AND SOCKETS

- Full range of panel and surface mounting sockets, mobile sockets, straight plugs and appliance inlets
- Available in plastic and metal

TECH INFO
- IP 44 and IP 66/67-55 ranges
- IK 09 (plastic)
- IK 10 (metal)

P17 Tempra Pro...

Following the success of P17 Tempra, Legrand's P17 Tempra Pro range of LV 16 and 32 A plugs and sockets offers improved strength, safety and a wealth of design features with real user benefits.

Available in IP 44 and IP 66/67 /69 polyamide 6 versions, P17 Tempra Pro is suited to most internal and external applications.

P17 Tempra Pro and P17 Tempra- innovative simplicity

Combination units - rugged versatility

P17 TEMPRA PRO
PLUGS AND SOCKETS

- LV 16 / 32 A range of panel and surface mounting sockets, mobile sockets and straight plugs

TECH INFO

- IP 44 and IP 66/67/69 ranges
- IK 09

P17 TEMPRA
PLUGS AND SOCKETS

- LV 16 / 32 A appliance inlets
- LV 63 / 125 A range of panel and surface mounting sockets, mobile sockets, straight plugs and appliance inlets

TECH INFO

- IP 44 and IP 66/67 ranges
- IK 09

HYPRA
COMBINATION UNITS

- Available with Hypra Prisinter or Hypra panel mounted sockets
- RCD, MCB or RCBO protection options

TECH INFO

- IP 44 and IP 66/67-55 ranges
- IK 09

P17 TEMPRA
COMBINATION UNITS

- Available pre-assembled, or as self assembly version
- Available with or without protection

TECH INFO

- IP 44, IP 55 and IP 66 ranges
- IK 08

Legrand's extended product family

With quality being paramount throughout its product portfolio, Legrand is in an unbeatable position... offering high quality, integrated solutions designed to meet your needs whatever the budget or installation requirements.

Enclosures
see p. 6 to 29

Protection devices
www.legrand.co.uk

Hypra® Prisinter...
take a load off
your mind

With its unique interlocked load break, the Prisinter is a key asset to the Hypra range and is available in 16, 32 and 63 A ratings.

Features:

- Combined socket and switch - saving space, cost and installation time
- Unique interlocked load break system - prohibits on load connection or disconnection for maximum safety
- Padlockable cover - for additional security
- Brass contact sleeves - create high quality, reliable connections
- Stainless steel screws - maximum durability

Simple, safe and unique

The added safety provided by Hypra's load break system prior to disconnection is equivalent to that provided by safety shutters on domestic sockets.

1. Turn the plug to lock in position and connect power
2. Press the isolator button to disconnect power and remove the plug

TECHNICAL DATA

APPROVALS:
BS EN 60309-1, BS EN 60309-2
Products are interchangeable with other manufacturers' products that meet BS EN 60309-2

SELF EXTINGUISHING:
950ºC for insulated parts, 650ºC for housing

OPERATING TEMPERATURE:
-20ºC to +100ºC

PROTECTION:
IP 44 with Hypra IP 44 straight plug connected
IP 54 with Hypra IP 66/67-55 straight plug connected
IP 55 with cover closed or IP 66/67-55 angled plug connected

IK 09 for plastic products
IK 10 for metal products

82

Safe and adaptable power supply for TATA steel Colorcoat® PV Facility

Prisinter sockets and Hypra plugs were specified retrospectively for TATA in a facility which requires machinery to be moved on a regular basis. Machines, originally wired directly to Zucchini tap-offs, are now wired into Hypra plugs, and simply connected and disconnected as required under the safety of Prisinter's interlocked load break switch.

Above:
Hypra Prisinter socket, Hypra angled plug and Zucchini tap-off

HYPRA PRISINTER - the choice is yours

Panel mounting (plastic and metal options)

Surface mounting (plastic and metal options)

Related products and accessories

IP 44 plugs
see p. 90 to 95

IP 66/67-55 plugs
see p. 96 to 101

Auxiliary c/o contact work in conjunction with main contacts to provide remote indication and supplementary equipment control
see p. 84

An innovative answer to safe, secure power connections

Hypra® Prisinter IP 44/55 - LV 16/32/63 A
selection chart

Hypra® Prisinter IP 44/55 - LV 16 A
interlocked switched sockets

HYPRA® PRISINTER IP 44/55 - LV 16/32/63 A

Conform to :
BS EN 60309-1,
BS EN 60309-2,
IP 44 when plug inserted
IP 54 when used with IP 66/67-55 straight plugs
IP 55 with cover closed or used with IP 66/67-55 angled plugs
IK 09 (plastic)
IK 10 (metal)
Self-extinguishing : 960 °C
650 °C for housing
Temp. rating :
−20 °C to +100 °C

(Back boxes sold separately)

Technical information and dimensions **p. 86-87**

		Prisinter				
		Panel mounting sockets		Surface mounting sockets		Auxiliary c/o contact microswitch
LV		METAL	PLASTIC	METAL	PLASTIC	
100 to 130 V 50/60 Hz	**16 A** 2 P + ⏚	–	0519 10	0520 59	0519 10+ 0520 49	0521 96
200 to 250 V 50/60 Hz	**16 A** 2 P + ⏚	–	0520 02	–	0520 02+ 0520 49	0521 96
	3 P + ⏚	–	0520 03	–	0520 03+ 0520 49	0521 96
	3 P + N + ⏚	–	0520 04	–	0520 04+ 0522 49	0521 96
	32 A 2 P + ⏚	–	0527 02	–	0527 02+ 0529 49	0521 96
	3 P + ⏚	–	0527 03	–	0527 03+ 0529 49	0521 96
380 to 415 V 50/60 Hz	**16 A** 3 P + ⏚	0522 13	0522 03	0522 13+ 0520 59	0522 03+ 0520 49	0521 96
	3 P + N + ⏚	0522 14	0522 04	0522 14+ 0529 59	0522 04+ 0522 49	0521 96
	32 A 3 P + ⏚	0529 13	0529 03	0529 13+ 0522 59	0529 03+ 0529 49	0521 96
	3 P + N + ⏚	0529 14	0529 04	0529 14+ 0522 59	0529 04+ 0529 49	0521 96
	63 A 3 P + ⏚	0538 00	0536 03	0538 00+ 0538 09	0536 03+ 0537 49	0521 96
	3 P + N + ⏚	0538 01	0536 04	0538 01+ 0538 09	0536 04+ 0537 49	0521 96

For pack quantities, see opposite and p. 85

0520 02

Turn plug to lock in position and connect power

Press the isolator button to disconnect power and remove the plug

0522 13

0522 49

Technical information and dimensions **p. 86-87**
Conformity to International Standards **p. 128**

Conform to BS EN 60309-1, BS EN 60309-2
IP 44 when plug inserted
IP 54 when used with IP 66/67-55 straight plugs
IP 55 with cover closed or used with IP 66/67-55 angled plugs
IK 09 (plastic)
IK 10 (metal)
Stainless steel screws
Brass contacts

Prisinter panel mounting sockets 16 A

Load break disconnect at the push of the button
Accepts Ø6 mm padlock with cover closed
Terminals accept 1·5 mm^2 to 4 mm^2 rigid cable (BS EN 60309-1 and IEC 60309-1)
Possibility to fit 2 auxiliary C/O contacts Cat. No. 0521 96

Pack	Cat. Nos.		
	Metal	Plastic	
			100/130 V ∿
1		0519 10	2 P + ⏚
			200/250 V ∿
1		0520 02	2 P + ⏚
1		0520 03	3 P + ⏚
1		0520 04	3 P + N + ⏚
			380/415 V ∿
1	0522 13	0522 03	3 P + ⏚
1	0522 14	0522 04	3 P + N + ⏚

Surface mounting boxes

Enable Hypra Prisinter panel mounting sockets to be surface mounted
Reversible entry box with 3 x M20 entries with 2 blanking plugs plus rear knockout entries

Pack	Metal	Plastic	
1	0520 59	0520 49	For 2 P + ⏚ / 3 P + ⏚ sockets
1	0529 59	0522 49	For 3 P + N + ⏚ sockets

IP 44 straight plugs **p. 90-92**

IP 66/67-55 angled and straight plugs **p. 97-98**

Hypra® Prisinter IP 44/55 - LV 32 A
interlocked switched sockets
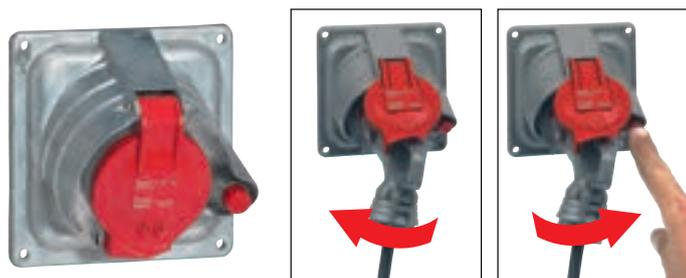
0529 13

Turn plug to lock in position and connect power

Press the isolator button to disconnect power and remove the plug

0529 04 + 0529 49

Technical information and dimensions **p. 86-87**
Conformity to International Standards **p. 128**

Conform to BS EN 60309-1, BS EN 60309-2
IP 44 when plug inserted
IP 54 when used with IP 66/67-55 straight plugs
IP 55 with cover closed or used with IP 66/67-55 angled plugs
IK 09 (plastic)
IK 10 (metal)
Stainless steel screws
Brass contacts

Prisinter panel mounting sockets 32 A

Load break disconnect at the push of the button
Accepts Ø6 mm padlock with cover closed
Terminals accept 2·5 mm^2 to 10 mm^2 rigid cable (BS EN 60309-1 and IEC 60309-1)
Possibility to fit 2 auxiliary C/O contacts Cat. No. 0521 96

Pack	Cat. Nos.		
	Metal	Plastic	
			200/250 V∿
1		0527 02	2 P + ⏚
1		0527 03	3 P + ⏚
			380/415 V∿
1	0529 13	0529 03	3 P + ⏚
1	0529 14	0529 04	3 P + N + ⏚

Surface mounting boxes

Enable Hypra Prisinter panel mounting sockets to be surface mounted
Reversible entry box with 2 x M25 and 1 x M20 entries with 1 x M25 and 1 x M20 blanking plugs plus rear knockout entries

Pack	Cat. Nos.		
	Metal	Plastic	
1	0522 59	0529 49	For 2 P + ⏚ / 3 P + ⏚ / 3 P + N + ⏚ sockets

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Hypra® Prisinter IP 44/55 - LV 63 A
interlocked switched sockets
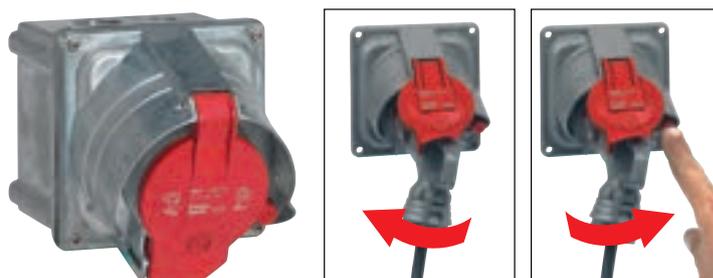
0538 00 + 0538 09

Turn plug to lock in position and connect power

Press the isolator button to disconnect power and remove the plug

Technical information and dimensions **p. 86-87**
Conformity to International Standards **p. 128**

Conform to BS EN 60309-1, BS EN 60309-2
IP 44 when plug inserted
IP 54 when used with IP 66/67-55 straight plugs
IP 55 with cover closed or used with IP 66/67-55 angled plugs
IK 09 (plastic)
IK 10 (metal)
Stainless steel screws
Brass contacts

Prisinter panel mounting sockets 63 A

Load break disconnect at the push of the button
Accepts 3 x Ø8 mm padlocks with cover closed
IP 2X protection against direct contact
Terminals accept 6 mm^2 to 25 mm^2 rigid cable
Possibility to fit 2 auxiliary C/O contacts Cat. No. 0521 96

Pack	Cat. Nos.		
	Metal	Plastic	
			380/415 V∿
1	0538 00	0536 03	3 P + ⏚
1	0538 01	0536 04	3 P + N + ⏚

Surface mounting boxes

Enable Hypra Prisinter panel mounting sockets to be surface mounted
Reversible entry box with 2 x M32 and 1 x M20 entries with 1 x M32 and 1 x M20 blanking plugs

Pack	Cat. Nos.		
	Metal	Plastic	
1	0538 09	0537 49	For 3 P + ⏚ / 3 P + N + ⏚ sockets

IP 44 straight plugs **p. 90-92**

IP 66/67-55 angled and straight plugs **p. 97-98**

L] legrand

Hypra® Prisinter IP 44/55 – LV 16/32/63 A
panel mounting interlocked switched sockets

■ Technical information

Icc 10 kA according to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2

IP rating according to BS EN 60529 and IEC 60529 :
IP 44 when plug inserted
IP 54 when used with IP 66/67-55 straight plugs
IP 55 with cover closed or used with IP 66/67-55 angled plugs

IK according to BS EN 62262 and IEC 62262 :
IK 09 : Plastic
IK 10 : Metal

Stainless steel screws
Brass contacts

Resistance to glow wire and dielectric strength
Glow wire :
960° C for live part supports
650° C for other parts
Dielectric strength : 3 000 V 50 Hz

Temperatures
–20 °C to + 100 °C (+80 °C with auxiliary fitted)
Installation : –20 °C / +40 °C
Use : –20 °C / +100 °C

**Hypra Prisinter breaking capacity at 3 x 400 V∿ according to
BS EN 60947-1, BS EN 60947-3, IEC 60947-1 and IEC 60947-3 :**

Category	16 A	32 A	63 A
AC 1	16 A	32 A	63 A
AC 23	8·4 kW	16·8 kW	33 kW
AC 3	8·4 kW	16·8 kW	33 kW

■ Dimensions

Prisinter panel mounting sockets IP 44/55 - LV 16/32/63 A
(p. 84-85)
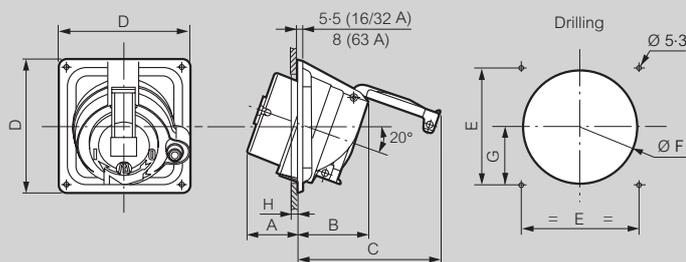
	Material	Weight (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm) min.	F (mm) max.	G (mm)	H (mm) max.
LV 16 A											
2 P + ⏚	Plastic	0·42	46	70	132	115	100	92	98	46	6 to 10
3 P + ⏚	Plastic	0·48	46	70	138	115	100	92	96	46	6 to 10
	Metal	1·33									
3 P + N + ⏚	Plastic	0·57	46	75	156	125	110	102	106	51·5	7
	Metal	1·47									
LV 32 A											
2 P + ⏚	Plastic	0·57	54	77	153	143	125	115	122	58·5	10 to 20
3 P + ⏚	Plastic	0·61	54	77	153	143	125	115	122	58·5	10 to 20
	Metal	1·5									
3 P + N + ⏚	Plastic	0·65	55	79	169	143	125	119	122	58·5	9 to 13
	Metal	1·8									
LV 63 A											
3 P + ⏚	Plastic	0·95	55	99	205	143	125	120	122	59·5	10 to 20
	Metal	1·85									
3 P + N + ⏚	Plastic	0·98	55	99	205	143	125	120	122	59·5	10 to 20
	Metal	2·2									

■ Accessories

Auxiliary contacts (–20 °C to +80 °C)
Prisinter sockets can accommodate two c/o auxiliary contacts (late make/early break) Cat. No. 0521 96 p. 84
These may be used to signal to a central control/monitoring station or control a contactor to remove load
Padlockable cover in closed position

Hypra® Prisinter IP 44/55

surface mounting back boxes

■ Dimensions

LV 16 A (p. 84)

Knockout cable entries on plastic box Ø 24 and Ø 22

Metal units are supplied with an earth continuity connection pin between socket flange and box
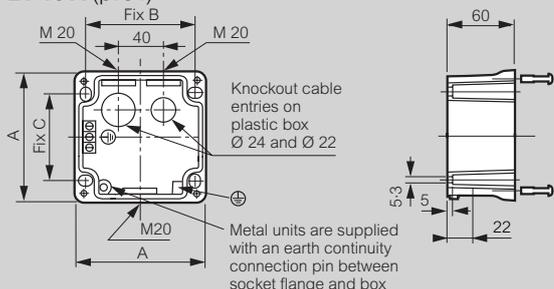
3 x M20 entries with 2 x M20 blanking plugs

Equipped with :
2 earth terminals inside and 1 external (metal box)
2 earth terminals inside (plastic box)

	Material	Weight (kg)	A (mm)	B (mm)	C (mm)
2 P + ⏚ 3 P + ⏚	Plastic	0·14	115	97	78
3 P + N + ⏚	Plastic	0·16	125	107	88
	Metal	0·9			

LV 32 A (p. 85)

Metal units are supplied with an earth continuity connection pin between socket flange and box

Knockout cable entries on plastic box Ø 30 and Ø 22
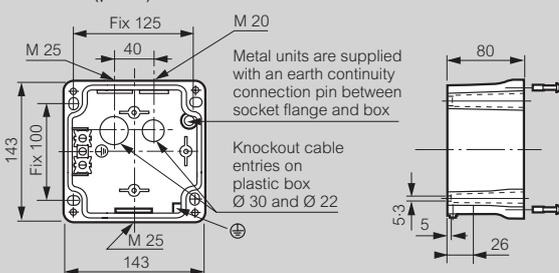
Reversible boxes
1 x M20 entry with 1 x M20 blanking plug
2 x M25 entries with 1 x M25 blanking plug

Equipped with :
2 earth terminals inside and 1 external (metal box)
1 earth terminal inside (plastic box)

Material	Weight (kg)
Plastic	0·3
Metal	1·7

LV 63 A (p. 85)

Metal units are supplied with an earth continuity connection pin between socket flange and box

Knockout cable entries on plastic box Ø 32 and Ø 22
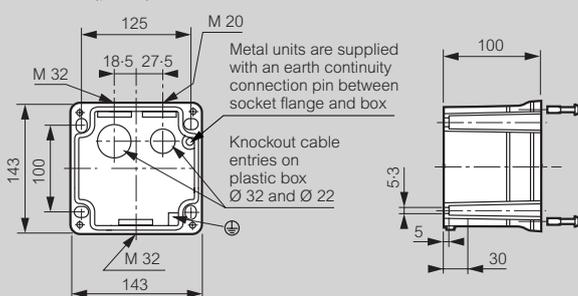
Reversible boxes
1 x M20 entry with 1 x M20 blanking plug
2 x M32 entries with 1 x M32 blanking plug
Equipped with external earth terminal on the metal box

Material	Weight (kg)
Plastic	0·35
Metal	1·75

■ Box entries

Prisinter boxes can be rotated to aid entry

LV 16/32 A
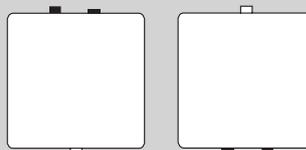
LV 63 A
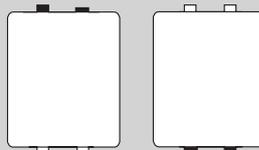
HYPRA®
plugs and sockets

The Hypra range is aimed at installations where maximum durability is a must... including the nuclear, chemical and process industries.

The highest levels of protection and reliability
Available in IP 44 and IP 66/67-55 rated versions and manufactured in Polyamide 6, Hypra plugs and sockets are ideal for use in harsh and demanding environments.

The plastic units are IK 09 rated, while the class leading metal units are IK 10 rated – the highest rating for impact.

FEATURES:

- **Integrated cable gland on entire IP 66/67-55 range** - providing the highest levels of ingress protection

- **Captive, slotted connection screws** - for fast secure connections

- **Nickel-plated brass pins and contact sleeves** - creating high quality, reliable connections

- **Captive, stainless steel external screws** - maximise durability

- **Double jaw cable clamps** - provide powerful cable fastening

- **Available in 2 ranges** - IP 44 and IP 66/67-55

HYPRA PLUGS AND SOCKETS - options for every application

PANEL AND SURFACE MOUNTING SOCKETS

CURRENT RATING - 16 A, 32 A, 63 A, 125 A

VOLTAGES - 20-25 V, 20-50 V, 110 V, 240 V, 400 V

PIN CONFIG - 2P, 3P, 2P+E, 3P+E, 3P+N+E

IP RATING - IP 44, IP 66/67-55

MOBILE SOCKETS, STRAIGHT AND ANGLED PLUGS

CURRENT RATING - 16 A, 32 A, 63 A, 125 A

VOLTAGES - 20-25 V, 20-50 V, 110 V, 240 V, 400 V

PIN CONFIG - 2P, 3P, 2P+E, 3P+E, 3P+N+E

IP RATING - IP 44, IP 66/67-55

APPLIANCE INLETS

CURRENT RATING - 16 A, 32 A, 63 A, 125 A

VOLTAGES - 20-25 V, 20-50 V, 110 V, 240 V, 400 V

PIN CONFIG - 2P, 3P, 2P+E, 3P+E, 3P+N+E

IP RATING - IP 44, IP 66/67-55

TECHNICAL DATA

APPROVALS:

BS EN 60309-1, BS EN 60309-2, BS EN 60529 (IP), BS EN 62262 (IK)

Products are interchangeable with other manufacturers' products that meet BS EN 60309-2

PROTECTION:

IP 44 and IP 66/67-55 ranges available

IK 09 for plastic products

IK 10 for metal products

SELF EXTINGUISHING:

850ºC for insulated parts, 650ºC for housing

OPERATING TEMPERATURE:

-50ºC to +100ºC

UNDERSTANDING THE IP 66/IP 67-55 RATING
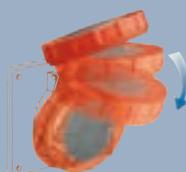
IP 55 assured automatically with cover closed without locking ring secured
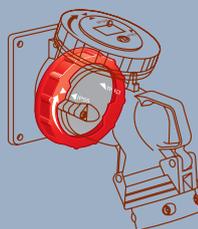
IP 55 guaranteed with IP 66/67-55 plug inserted and cover in place over spigot on plug
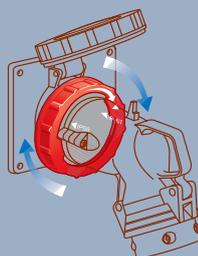
IP 66/67-55 obtained with locking ring secured

Hypra® plugs and sockets IP 44 - ELV 16 A and LV 16/32/63 A

selection chart

HYPRA® PLUGS AND SOCKETS IP 44 - ELV 16 A AND LV 16/32/63 A

Conform to:
BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2
IP 44 according to BS EN 60529 and IEC 60529
IK 09 plastic
IK 10 metal according to BS EN 62262 and IEC 62262
Self-extinguishing:
850 °C for insulated parts
650 °C for housing - conforms to BS EN 60695-2-10 and IEC 60695-2-10
Temp. rating: –50 °C to +100 °C

Technical information and dimensions **p. 93-95**

(Back boxes sold separately)

(Covers available, see bottom of page)

			PANEL MOUNTING SOCKETS			SURFACE MOUNTING SOCKETS		THROUGH ENTRY SURFACE MOUNTING SOCKETS	MOBILE SOCKETS	STRAIGHT PLUGS	PANEL APPLIANCE INLETS
ELV			METAL	PLASTIC	MODULAR[1]	METAL	PLASTIC	PLASTIC	PLASTIC	PLASTIC	PLASTIC
20 to 25 V 50/60 Hz	16 A	2 P	–	0524 01	–	–	0524 01+0524 19	–	0524 61	0524 21	–
20 to 50 V D.C.	16 A	2 P	–	0524 05	–	–	0524 05+0524 19	–	–	0524 25	–
LV											
100 to 130 V 50/60 Hz	16 A	2 P + ⏚	0519 30	0519 20	–	–	0519 20+0520 29	0519 20+0520 89	0519 80	0519 40	0519 70
200 to 250 V 50/60 Hz	16 A	2 P + ⏚	0520 32	0520 22	0520 18	–	0520 22+0520 29	0520 22+0520 89	0520 82	0520 42	0521 72
	16 A	3 P + ⏚	0520 33	0520 23	0520 19	–	0520 23+0522 29	0520 23+0522 89	0520 83	0520 43	0520 73
	16 A	3 P + N + ⏚	0520 34	0520 24	–	–	0520 24+0522 29	0520 24+0522 89	0520 84	0520 44	–
	32 A	2 P + ⏚	0527 32	–	0527 18	–	0527 18+0529 40	0527 18+0529 90	0527 82	0527 42	0528 72
	32 A	3 P + ⏚	0527 33	–	0527 19	–	0527 19+0529 40	0527 19+0529 90	0527 83	0527 43	–
380 to 415 V 50/60 Hz	16 A	3 P + ⏚	0522 33	0522 23	0522 19	0522 33+0522 39	0522 23+0522 29	0522 23+0522 89	0522 83	0522 43	0521 73
	16 A	3 P + N + ⏚	0522 34	0522 24	0522 20	0522 34+0522 39	0522 24+0522 29	0522 24+0522 89	0522 84	0522 44	0521 74
	32 A	3 P + ⏚	0529 33	–	0529 19	0529 33+0529 39	0529 19+0529 40	0529 19+0529 90	0529 83	0529 43	0528 73
	32 A	3 P + N + ⏚	0529 34	–	0529 20	0529 34+0529 39	0529 20+0529 40	0529 20+0529 90	0529 84	0529 44	0528 74
	63 A	3 P + ⏚	0538 33	0538 23	–	–	–	–	0538 83	0538 43	0537 73
	63 A	3 P + N + ⏚	0538 34	0538 24	–	–	0537 24	–	0538 84	0538 44	0537 74

1 : Modular sockets are manufactured from plastic with 70 x 70 mm fixing centres

For pack quantities, p. 91-92

Modular sockets have 70 x 70mm fixing centres across 16 A and 32 A range **p. 91-92**

time saving

APPLIANCE INLET COVERS

Conform to:
BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2
Material: Rubber
Self-extinguishing: 650 °C
Temp. rating: –20 °C to +40 °C

Dimensions **p. 94**

		Pack	Cat. Nos.
16 A	2 P+⏚	10	0521 25
	3 P+⏚	5	0521 26
	3 P+N+⏚	5	0521 27
32 A	2 P+⏚	5	0521 27
	3 P+⏚	5	0521 27
	3 P+N+⏚	5	0527 99
63 A	3 P+⏚	5	0536 99
	3 P+N+⏚	5	0536 99

Hypra® IP 44 – ELV 16 A and LV 16 A

metal and plastic plugs and sockets

0520 22

0522 19

0522 44

0524 61

0520 82

0521 73 + 0522 89

0522 33 + 0522 39

Technical information and dimensions **p. 93-95**
Conformity to International Standards **p. 128**

Conform to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2
IP 44 according to BS EN 60529 and IEC 60529
IK 09 plastic
IK 10 metal according to BS EN 62262 and IEC 62262
Self-extinguishing : 850 °C for insulated parts
650 °C for housing - conforms to BS EN 60695-2-10 and IEC 60695-2-10
Temp. rating : –50 °C to +100 °C
Nickel plated brass contacts

Panel mounting sockets 16 A

Pack	Cat. Nos.			
	ELV			
	Metal	Plastic		**20 to 25 V** $\sim$
5		0524 01	2 P	
				20 to 50 V $=$
1		0524 05	2 P	
	LV			
	Metal	Plastic		**100 to 130 V** $\sim$
1	0519 30	0519 20	2 P + ⏚	
				200 to 250 V $\sim$
1 | 5	0520 32	0520 22	2 P + ⏚	
1	0520 33	0520 23	3 P + ⏚	
1	0520 34	0520 24	3 P + N + ⏚	
				380 to 415 V $\sim$
1 | 5	0522 33	0522 23	3 P + ⏚	
1	0522 34	0522 24	3 P + N + ⏚	
	Plastic modular			**200 to 250 V** $\sim$
5		0520 18	2 P + ⏚	
1		0520 19	3 P + ⏚	
				380 to 415 V $\sim$
5		0522 19	3 P + ⏚	
1		0522 20	3 P + N + ⏚	

Mobile sockets 16 A

Pack	Cat. Nos.		
	ELV Plastic		**20 to 25 V** $\sim$
1	0524 61	2 P	
	LV Plastic		**100 to 130 V** $\sim$
1	0519 80	2 P + ⏚	
			200 to 250 V $\sim$
1	0520 82	2 P + ⏚	
1	0520 83	3 P + ⏚	
1	0520 84	3 P + N + ⏚	
			380 to 415 V $\sim$
1	0522 83	3 P + ⏚	
1	0522 84	3 P + N + ⏚	

Straight plugs 16 A

Pack	Cat. Nos.		
	ELV Plastic		**20 to 25 V** $\sim$
5	0524 21	2 P	
			20 to 50 V $=$
1	0524 25	2 P	
	LV Plastic		**100 to 130 V** $\sim$
1	0519 40	2 P + ⏚	
			200 to 250 V $\sim$
5	0520 42	2 P + ⏚	
1	0520 43	3 P + ⏚	
1	0520 44	3 P + N + ⏚	
			380 to 415 V $\sim$
5	0522 43	3 P + ⏚	
1	0522 44	3 P + N + ⏚	

Panel appliance inlets 16 A

Covers available, see opposite

Pack	Cat. Nos.		
	LV Plastic		**100 to 130 V** $\sim$
1	0519 70	2 P + ⏚	
			200 to 250 V $\sim$
1	0521 72	2 P + ⏚	
1	0520 73	3 P + ⏚	
			380 to 415 V $\sim$
1	0521 73	3 P + ⏚	
1	0521 74	3 P + N + ⏚	

Back boxes

Pack	Cat. Nos.		
	Metal	Plastic	**Surface mounting boxes**
5		0524 19	For ELV 2 P / 3 P sockets
5		0520 29	For LV 16 A 2 P + ⏚ sockets
5	0522 39	0522 29	For LV 16 A 3 P + ⏚ / 3 P + N + ⏚ sockets
		Plastic	**Through entry surface mounting boxes**
1		0520 89	For LV 16 A 2 P + ⏚ sockets
5		0522 89	For LV 16 A 3 P + ⏚ / 3 P + N + ⏚ sockets

Appliance inlet covers

Pack	Cat. Nos.	
10	0521 25	For LV 16 A 2 P + ⏚ appliance inlets
5	0521 26	For LV 16 A 3 P + ⏚ appliance inlets
5	0521 27	For LV 16 A 3 P + N + ⏚ appliance inlets

Hypra® IP 44 - LV 32 A
metal and plastic plugs and sockets

0529 34

0527 82

0528 72

0529 19 + 0529 90

Technical information and dimensions **p. 93-95**
Conformity to International Standards **p. 128**

Conform to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2
IP 44 according to BS EN 60529 and IEC 60529
IK 09 plastic
IK 10 metal according to BS EN 62262 and IEC 62262
Self-extinguishing : 850 °C for insulated parts
650 °C for housing - conforms to BS EN 60695-2-10 and IEC 60695-2-10
Temp. rating : –50 °C to +100 °C
Nickel plated brass contacts

Pack	Cat. Nos.		Panel mounting sockets 32 A
	Metal	Modular	**200 to 250 V**
1	0527 32	0527 18	2 P + ⏚
1	0527 33	0527 19	3 P + ⏚
			380 to 415 V
1	0529 33	0529 19	3 P + ⏚
1	0529 34	0529 20	3 P + N + ⏚

Pack	Cat. Nos.	Mobile sockets 32 A
	Plastic	**200 to 250 V**
1	0527 82	2 P + ⏚
1	0527 83	3 P + ⏚
		380 to 415 V
1	0529 83	3 P + ⏚
1	0529 84	3 P + N + ⏚

Pack	Cat. Nos.	Straight plugs 32 A
	Plastic	**200 to 250 V**
1	0527 42	2 P + ⏚
1	0527 43	3 P + ⏚
		380 to 415 V
1	0529 43	3 P + ⏚
1	0529 44	3 P + N + ⏚

Panel appliance inlets 32 A

Covers available, see below

Pack	Cat. Nos.	
	Plastic	**200 to 250 V**
1	0528 72	2 P + ⏚
		380 to 415 V
1	0528 73	3 P + ⏚
1	0528 74	3 P + N + ⏚

Pack	Cat. Nos.		Back boxes
	Metal	Plastic	**Surface mounting boxes**
1	0529 39	0529 40	For LV 32 A 2 P + ⏚ / 3 P + ⏚ / 3 P + N + ⏚ sockets
		Plastic	**Through entry surface mounting boxes**
1		0529 90	For LV 32 A 2 P + ⏚ / 3 P + ⏚ / 3 P + N + ⏚ sockets

Pack	Cat. Nos.	Appliance inlet covers
5	0521 27	For LV 32 A 2 P + ⏚ / 3 P + ⏚ appliance inlets
5	0527 99	For LV 32 A 3 P + N + ⏚ appliance inlets

Hypra® IP 44 - LV 63 A
metal and plastic plugs and sockets

0538 44

Technical information and dimensions **p. 93-95**
Conformity to International Standards **p. 128**

Conform to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2
IP 44 according to BS EN 60529 and IEC 60529
IK 09 plastic
IK 10 metal according to BS EN 62262 and IEC 62262
Self-extinguishing : 850 °C for insulated parts
650 °C for housing - conforms to BS EN 60695-2-10 and IEC 60695-2-10
Temp. rating : –50 °C to +100 °C
Nickel plated brass contacts. 63 A units have a pilot pin

Pack	Cat. Nos.		Panel mounting sockets 63 A
	Metal	Plastic	**380 to 415 V**
1	0538 33	0538 23	3 P + ⏚
1	0538 34	0538 24	3 P + N + ⏚

Pack	Cat. Nos.	Surface mounting socket 63 A
	Plastic	**380 to 415 V**
1	0537 24	3 P + N + ⏚

Pack	Cat. Nos.	Mobile sockets 63 A
	Plastic	**380 to 415 V**
1	0538 83	3 P + ⏚
1	0538 84	3 P + N + ⏚

Pack	Cat. Nos.	Straight plugs 63 A
	Plastic	**380 to 415 V**
1	0538 43	3 P + ⏚
1	0538 44	3 P + N + ⏚

Pack	Cat. Nos.	Panel appliance inlets 63 A
	Plastic	**380 to 415 V**
1	0537 73	3 P + ⏚
1	0537 74	3 P + N + ⏚

Pack	Cat. Nos.	Appliance inlet cover
5	0536 99	For LV 63 A 3 P + ⏚ / 3 P + N + ⏚ appliance inlets

Hypra® IP 44 – ELV 16 A and LV 16/32/63 A
metal and plastic plugs and sockets

■ Technical information

IP 44 conforms to BS EN 60529 and IEC 60529
Icc 10 kA according to BS EN 60309-1 and IEC 60309-1
Stainless steel external screws - Nickel plated brass contacts
IK according to BS EN 62262 and IEC 62262 : plastic = IK 09
                                  metal = IK 10

■ Wiring tested according to BS EN 60309-1

| Type	Current	Conductors size (mm≤)	Conductors type
Surface and panel mounting sockets	ELV 16 A	4 to 10	Rigid
	LV 16 A	1·5 to 4	Rigid
	LV 32 A	2·5 to 10	Rigid
	LV 63 A	6 to 25	Rigid
Straight plugs and mobile sockets	ELV 16 A	4 to 10	Flexible
	LV 16 A	1 to 2·5	Flexible
	LV 32 A	2·5 to 6	Flexible
	LV 63 A	6 to 16	Flexible
Panel appliance inlets	ELV 16 A	4 to 10	Rigid
	LV 16 A	1 to 2·5	Rigid
	LV 32 A	2·5 to 6	Rigid
	LV 63 A	6 to 16	Rigid

Tightening torque of connection screws

ELV 16 A : from 1 to 1·2 Nm
LV 16 A   : from 0·7 to 1 Nm
LV 32 A   : from 0·7 to 1 Nm
LV 63 A   : from 2 to 2·2 Nm for Phase and Earth
              from 0·7 to 1 Nm for pilot

■ Dimensions

Panel mounting sockets IP 44

ELV 16 A plastic and LV 16/32/63 A plastic and metal (p. 91-92)
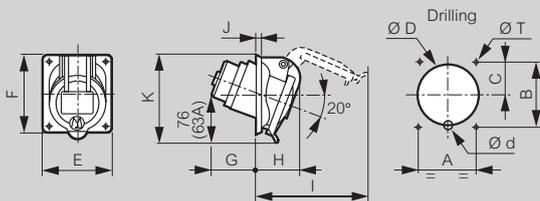
	Material	Weight (kg)	Drilling (mm)						Dimensions (mm)						
			A	B	C	ØD	Ød	ØT	E	F	G	H	I	J	K
ELV 16 A															
2 P	Plastic	0·120	52	60	30	55	–	4·2	64	72	33	47	94	5·5	78·5
LV 16 A															
2 P + ⏚	Plastic	0·110	52	60	28	55	14·5	4·2	64	72	41	40	94	5·5	78·5
	Metal	0·340													
3 P + ⏚	Plastic	0·140	60	70	31	63·5	14·5	5·2	74	84	44	40	98	5·5	88
	Metal	0·405													
3 P + N + ⏚	Plastic	0·165	60	70	33	70·6	–	5·2	80	84	44	44	110	5·5	93
	Metal	0·450													
LV 32 A															
2 P + ⏚	Metal	0·605	70	80	38	76·2	10	5·2	84	94	50	53	120	5·5	103
3 P + ⏚	Metal	0·605	70	80	38	76·2	10	5·2	84	94	50	53	120	5·5	103
3 P + N + ⏚	Metal	0·660	70	80	38	76·2	10	5·2	84	94	52	56	124	5·5	107
LV 63 A															
3 P + ⏚	Plastic	0·640	77	85	–	92	–	6·5	106	106	98	70	160	6	129
	Metal	1·000													
3 P + N + ⏚	Plastic	0·700	77	85	–	92	–	6·5	106	106	98	70	160	6	129
	Metal	1·200													

Panel mounting sockets IP 44

LV 16/32 A plastic with modular fixings (p. 91-92)
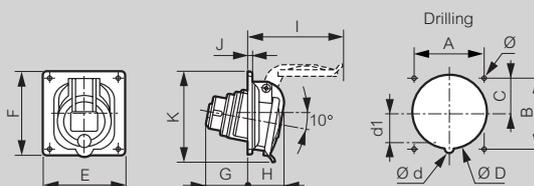
	Weight (kg)	Drilling (mm)						Dimensions (mm)							
		A	B	C	Ø D	Ø d	d1	E	F	G	H	I	J	K	Ø
LV 16 A															
2 P + ⏚	0·110	70	70	35	76·2	–	–	84	84	37	36	89	4·5	88	4·2
3 P + ⏚	0·140	70	70	35	76·2	–	–	84	84	43	36	97	4·5	89	4·2
3 P + N + ⏚	0·165	70	70	35	76·2	–	–	84	84	43	37	106	4·5	91	4·2
LV 32 A															
2 P + ⏚	0·220	70	70	35	76·2	–	–	84	94	54	45	117	4·5	100	4·2
3 P + ⏚	0·220	70	70	35	76·2	–	–	84	94	54	45	117	4·5	100	4·2
3 P + N + ⏚	0·255	70	70	35	76·2	8	36	84	94	54	46	125	4·5	102	4·2

Surface mounting sockets IP 44

LV 63 A (p. 92)
Boxes can be rotated to aid entry
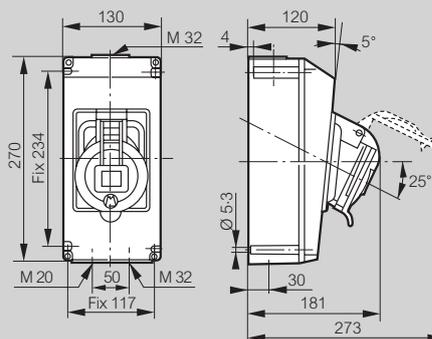
		Material	Weight (kg)
63 A			
3 P + ⏚		Plastic	1·50

Mobile sockets IP 44

ELV 16 A, LV 16/32 A (p. 91-92)   LV 63 A[1] (p. 92)
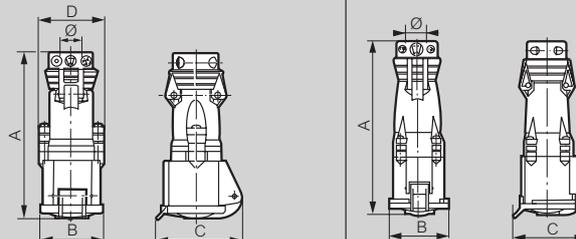
	Material	Weight (kg)	Dimensions (mm)				Ø Clamping and grip (mm)
			A	B	C	D	
ELV 16 A							
2 P	Plastic	0·190	148	54·5	74	55	8·5 to 22
LV 16 A							
2 P + ⏚	Plastic	0·170	147	54·5	74	55	8 to 15
3 P + ⏚	Plastic	0·200	151	61·5	81	60	8 to 15
3 P + N + ⏚	Plastic	0·245	172	69·5	90	66	10 to 18
LV 32 A							
2 P + ⏚	Plastic	0·300	177	71	93	70·5	10 to 18
3 P + ⏚	Plastic	0·300	177	71	93	70·5	12 to 22
3 P + N + ⏚	Plastic	0·350	183	77·5	100	77	12 to 22
LV 63 A							
3 P + ⏚	Plastic	0·770	273	96	119	–	18·5 to 29
3 P + N + ⏚	Plastic	0·830	273	96	119	–	20·5 to 32

1 : Wiring diagram for 63 A shown on p. 95

Hypra® IP 44 - ELV 16 A and LV 16/32/63 A
metal and plastic plugs and sockets (continued)

Hypra® IP 44 - ELV 16 A and LV 16/32 A
surface mounting back boxes

■ Dimensions (continued)

Straight plugs IP 44
ELV 16 A, LV 16/32 A (p. 91-92)

LV 63 A (p. 92)

	Material	Weight (kg)	Dimensions (mm)				Ø Clamping and grip (mm)
			A	B	C	D	
ELV 16 A							
2 P	Plastic	0·180	142	107	62	55	8·5 to 22
LV 16 A							
2 P + ⏚	Plastic	0·150	135	100	57	55	8 to 15
3 P + ⏚	Plastic	0·175	139	103	65	60	8 to 15
3 P + N + ⏚	Plastic	0·210	154	118	73	66	10 to 18
LV 32 A							
2 P + ⏚	Plastic	0·260	164	119	78	70·5	10 to 18
3 P + ⏚	Plastic	0·260	164	119	78	70·5	12 to 22
3 P + N + ⏚	Plastic	0·300	170	125	86	77	12 to 22
LV 63 A							
3 P + ⏚	Plastic	0·640	255	188·5	–	102	18·5 to 29
3 P + N + ⏚	Plastic	0·700	255	188·5	–	102	20·5 to 32

Panel appliance inlets IP 44[1] (p. 91-92)

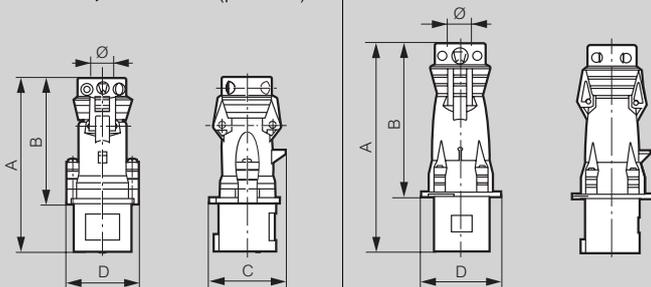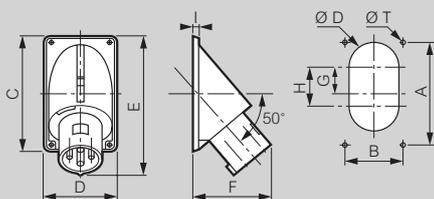|	Material	Weight (kg)	Drilling (mm)						Dimensions (mm)				
			A	B	ØT	ØD	G	H	C	D	E	F	I
LV 16 A													
2 P + ⏚	Plastic	0·140	94	62	4·5	40	–	–	104	72	121	78	6
3 P + ⏚	Plastic	0·160	109	83	4·5	40	–	–	120	94	135	86	6
3 P + N + ⏚	Plastic	0·190	109	83	4·5	40	–	–	120	94	139	86	6
LV 32 A													
2 P + ⏚	Plastic	0·280	149	90	5·5	40	–	–	160	101	176	111	6
3 P + ⏚	Plastic	0·280	149	90	5·5	40	–	–	160	101	176	111	6
3 P + N + ⏚	Plastic	0·320	149	90	5·5	40	–	–	160	101	174	108	6
LV 63 A													
3 P + ⏚	Plastic	0·630	163	93	6·5	80	42	62	183	113	221	120	8
3 P + N + ⏚	Plastic	0·690	163	93	6·5	80	42	62	183	113	221	120	8

1 : Wiring diagram for 63 A shown on p. 95

Appliance inlet covers (p. 91-92)
16/32/63 A
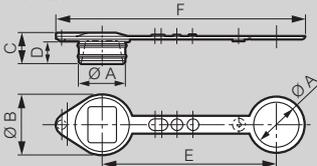
Cat. Nos.	Product	Ø A (mm)	Ø B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
0521 25	16 A – 2 P + ⏚	38	50	26	18	140	200
0521 26	16 A – 3 P + ⏚	43	55	26	18	150	215
0521 27	16 A – 3 P + N + ⏚ 32 A – 2 P + ⏚ , 3 P + ⏚	50	62	26	18	160	232
0527 99	32 A – 3 P + N + ⏚	56	68	26	18	167	248
0536 99	63 A – 3 P + ⏚ , 3 P + N + ⏚	62	74	26	18	205	290

■ Dimensions

Reversible boxes for surface mounting sockets
Boxes can be rotated to aid entry

ELV 16 A , LV 16 A (p. 92)
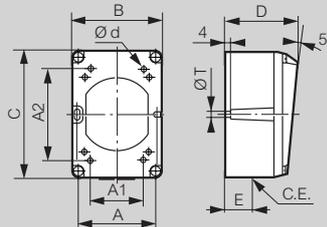
A1 and A2 : optional blind fixing points
Metal boxes are equipped with :
- 2 internal linked earth terminals and 1 external earth terminal
- 1 tulip earth pin connection between base and cover

LV 32 A (p. 92)
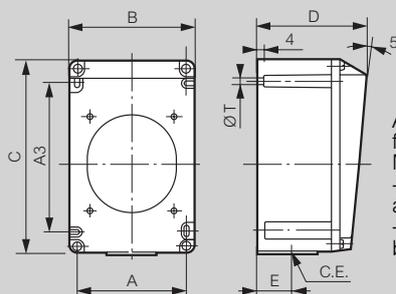
A1 and A2 : optional blind fixing points
Metal boxes are equipped with :
- 2 internal linked earth terminals and 1 external earth terminal
- 1 tulip earth pin connection between base and cover

Back boxes → Panel mounting sockets ↓	Material	Weight (kg)	Fixings (mm)						Dimensions (mm)				C.E.
			A1	A2	Ød	A	A3	ØT	B	C	D	E	
ELV 16 A/32 A													
2 P	Plastic	0·115	51	68	4·2	64	–	5·3	74	106	58	20	M 25
LV 16 A													
2 P + ⏚	Plastic	0·115	51	68	4·2	64	–	5·3	74	106	58	20	M 20
3 P + ⏚	Plastic	0·160	68	68	4·2	85	–	5·3	96	122	60	22	M 20
	Metal	0·520											
3 P + N + ⏚	Plastic	0·160	68	68	4·2	85	–	5·3	96	122	60	22	M 20
	Metal	0·520											
LV 32 A													
2 P + ⏚	Plastic	0·340	–	–	–	90	125	5·3	102	162	90	26	M 25
	Metal	0·910											
3 P + ⏚	Plastic	0·340	–	–	–	90	125	5·3	102	162	90	26	M 25
	Metal	0·910											
3 P + N + ⏚	Plastic	0·340	–	–	–	90	125	5·3	102	162	90	26	M 25
	Metal	0·910											

Hypra® IP 44 - LV 16/32 A

through entry surface mounting boxes

Technical information

IK 09 (plastic) according to BS EN 62262 and IEC 62262
Contacts : nickel plated brass with stainless steel connection pins

Dimensions

Reversible boxes for surface mounting

LV 16 to 32 A (p. 91-92)

Plastic box equipped with :
- 2 internal linked earth terminals

Back boxes → Panel mounting sockets ↓	Material	Weight (kg)	Fixings (mm)			Dimensions (mm)											
			A	B	H	C	D	E	F	G	I	J	K	X	Y	Z
16 A																
2 P + ⏚	Plastic	0·330	145	74	5·3	182	86	22	34	75	4	–	–	–	M20	–
3 P + ⏚	Plastic	0·330	145	74	5·3	182	86	22	34	75	4	–	–	–	M20	–
3 P + N + ⏚	Plastic	0·330	145	74	5·3	182	86	22	34	75	4	–	–	–	M20	–
32 A																
2 P + ⏚	Plastic	0·670	234	117	5·3	270	130	30	50	110	4	–	–	–	M25	–
3 P + ⏚	Plastic	0·670	234	117	5·3	270	130	30	50	110	4	–	–	–	M25	–
3 P + N + ⏚	Plastic	0·670	234	117	5·3	270	130	30	50	110	4	–	–	–	M25	–

Note : Through entry boxes provide extra wiring space but not looping terminals

Hypra® IP 44 - LV 63 A

pilot pin connection

Example of 63 A 3 P + ⏚ and 3 P + N + ⏚ pilot pin connection

The pilot pin enables the load to be removed prior to the separation of the phase pins, when the circuit is routed via a contactor

The pilot pin connection accepts 2·5-6 mm² flexible or up to 10 mm² rigid conductor. It is the small centre pin in the connection

Pilot cabling

	63 A	Conductors type
Plugs and mobile sockets	2·5 to 6	Flexible
Surface and panel mounting sockets	2·5 to 10	Rigid

Hypra® plugs and sockets IP 66/67-55 - LV 16/32/63/125 A
selection chart

63 A AND 125 A EASY CONNECTION/DISCONNECTION

HYPRA® PLUGS AND SOCKETS IP 66/67-55 - LV 16/32/63/125 A							
Conform to : BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2 IP according to BS EN 60529 and IEC 60529 **IK 09** Self-extinguishing : 850 °C for insulated parts 650 °C for housing Stainless steel external screws Temp. rating : –50 °C to +100 °C 63/125 A units have a pilot pin	**PANEL MOUNTING SOCKETS**		**SURFACE MOUNTING SOCKETS**	**THROUGH ENTRY SURFACE MOUNTING SOCKETS**	**MOBILE SOCKETS**	**STRAIGHT PLUGS**	**ANGLED PLUGS**
Technical information and dimensions **p. 99-101**	inclined outlets	modular¹ with single fixing centres	(Back boxes sold separately)				

LV									
100 to 130 V 50/60 Hz	**16 A**	2 P + ⏚	0511 25	–	0511 25 + 0520 29	0511 25 + 0520 89	0511 75	0511 55	–
200 to 250 V 50/60 Hz	**16 A**	2 P + ⏚	0511 26	0511 46	0511 26 + 0520 29	0511 26 + 0520 89	0511 76	0511 56	0511 06
	32 A	2 P + ⏚	–	0530 46	0530 46 + 0529 40	0530 46 + 0529 90	0530 76	0530 56	0530 06
380 to 415 V 50/60 Hz	**16 A**	3 P + ⏚	0511 30	0511 50	0511 30 + 0522 29	0511 30 + 0522 89	0511 80	0511 60	0511 10
		3 P + N + ⏚	0511 31	0511 51	0511 31 + 0522 29	0511 31 + 0522 89	0511 81	0511 61	0511 11
	32 A	3 P + ⏚	–	0530 50	0530 50 + 0529 40	0530 50 + 0529 90	0530 80	0530 60	0530 10
		3 P + N + ⏚	–	0530 51	0530 51 + 0529 40	0530 51 + 0529 90	0530 81	0530 61	0530 11
380 to 415 V 50/60 Hz	**63 A**	3 P + ⏚	0594 27	–	0594 37	–	0594 87	0594 47	–
		3 P + N + ⏚	0594 28	–	0594 38	–	0594 88	0594 48	–
	125 A	3 P + ⏚	0595 12	–	0595 02	–	0595 32	0595 22	–
		3 P + N + ⏚	0595 13	–	0595 03	–	0595 33	0595 23	–

1 : 70 x 70 mm fixing centres

Complete range from 16 A to 125 A : IP 55 (minimum) guaranteed

IP 55 assured automatically with cover flap down without locking ring secured

IP 55 guaranteed with IP 66/67-55 plug inserted and cover in place over spigot on plug

IP 66/67-55 obtained with locking ring secured

Modular sockets have 70 x 70mm fixing centres across 16 A and 32 A range **p. 97-98**

time saving

Hypra® IP 66/67-55 - LV 16 A

plastic plugs and sockets

0511 30 + 0522 29	0511 30 + 0522 89	0511 81	0511 61	0511 11

Technical information and dimensions **p. 99-101**
Conformity to International Standards **p. 128**

Conform to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2
IP according to BS EN 60529 and IEC 60529
IK 09
Self-extinguishing : 850 °C for insulated parts, 650 °C for housing
Stainless steel external screws - Nickel plated brass contacts
Temp. rating : –50 °C to +100 °C

Panel mounting sockets 16 A

Plastic version can be used with back boxes to create surface mounting sockets (modular version is not compatible with back boxes)

Pack	Cat. Nos.		
	Plastic	Modular	
1	0511 25		100 to 130 V∼ 2 P + ⏚
5 | 1	0511 26	0511 46	200 to 250 V∼ 2 P + ⏚
1	0511 30	0511 50	380 to 415 V∼ 3 P + ⏚
1	0511 31	0511 51	3 P + N + ⏚

Mobile sockets 16 A

Pack	Cat. Nos.	
1	0511 75	100 to 130 V∼ 2 P + ⏚
1	0511 76	200 to 250 V∼ 2 P + ⏚
1	0511 80	380 to 415 V∼ 3 P + ⏚
1	0511 81	3 P + N + ⏚

Straight plugs 16 A

Pack	Cat. Nos.	
1	0511 55	100 to 130 V∼ 2 P + ⏚
1	0511 56	200 to 250 V∼ 2 P + ⏚
5	0511 60	380 to 415 V∼ 3 P + ⏚
5	0511 61	3 P + N + ⏚

Angled plugs 16 A

Pack	Cat. Nos.	
1	0511 06	200 to 250 V∼ 2 P + ⏚
1	0511 10	380 to 415 V∼ 3 P + ⏚
1	0511 11	3 P + N + ⏚

Back boxes

Surface mounting boxes

Pack	Cat. Nos.	
5	0520 29	For LV 16 A 2 P + ⏚ sockets
5	0522 29	For LV 16 A 3 P + ⏚ / 3 P + N + ⏚ sockets

Through entry surface mounting boxes

Pack	Cat. Nos.	
1	0520 89	For LV 16 A 2 P + ⏚ sockets
5	0522 89	For LV 16 A 3 P + ⏚ / 3 P + N + ⏚ sockets

Hypra® IP 66/67-55 - LV 32 A
plastic plugs and sockets

0530 50 + 0529 40

Technical information and dimensions **p. 99-101**
Conformity to International Standards **p. 128**

Conform to BS EN 60309-1, BS 60309-2, IEC 60309-1 and IEC 60309-2
IP according to BS EN 60529 and IEC 60529
IK 09
Self-extinguishing : 850 °C for insulated parts, 650 °C for housing
Stainless steel external screws - Nickel plated brass contacts
Temp. rating : –50 °C to +100 °C

Pack	Cat. Nos.	**Panel mounting sockets (modular) 32 A**
1	Modular 0530 46	2 P + ⏚ **200 to 250 V**∿
1	0530 50	3 P + ⏚ **380 to 415 V**∿
1	0530 51	3 P + N + ⏚

Pack	Cat. Nos.	**Mobile sockets 32 A**
1	0530 76	2 P + ⏚ **200 to 250 V**∿
1	0530 80	3 P + ⏚ **380 to 415 V**∿
1	0530 81	3 P + N + ⏚

Pack	Cat. Nos.	**Straight plugs 32 A**
1	0530 56	2 P + ⏚ **200 to 250 V**∿
1	0530 60	3 P + ⏚ **380 to 415 V**∿
1	0530 61	3 P + N + ⏚

Pack	Cat. Nos.	**Angled plugs 32 A**
1	0530 06	2 P + ⏚ **200 to 250 V**∿
1	0530 10	3 P + ⏚ **380 to 415 V**∿
1	0530 11	3 P + N + ⏚

Pack	Cat. Nos.	**Back boxes**
1	0529 40	**Surface mounting boxes** For LV 32 A 2 P + ⏚ / 3 P + ⏚ / 3 P + N + ⏚ sockets
1	0529 90	**Through entry surface mounting boxes** For LV 32 A 2 P + ⏚ / 3 P + ⏚ / 3 P + N + ⏚ sockets

Hypra® IP 66/67-55 - LV 63 and 125 A
plastic plugs and sockets

0594 27   0595 32

Technical information and dimensions **p. 99-101**
Conformity to International Standards **p. 128**

Conform to BS EN 60309-1, BS 60309-2, IEC 60309-1 and IEC 60309-2
IP according to BS EN 60529 and IEC 60529
IK 09
Self-extinguishing : 850 °C for insulated parts, 650 °C for housing
Stainless steel external screws - Nickel plated brass contacts
Temp. rating : –50 °C to +100 °C
LV 63 A and 125 A have a pilot pin

Pack	Cat. Nos.		**Panel mounting sockets 63 and 125 A**
	63 A	125 A	**380 to 415 V**∿
1	0594 27	0595 12	3 P + ⏚
1	0594 28	0595 13	3 P + N + ⏚

Pack	Cat. Nos.		**Surface mounting sockets 63 and 125 A**
	63 A	125 A	**380 to 415 V**∿
1	0594 37	0595 02	3 P + ⏚
1	0594 38	0595 03	3 P + N + ⏚

Pack	Cat. Nos.		**Mobile sockets 63 and 125 A**
	63 A	125 A	**380 to 415 V**∿
1	0594 87	0595 32	3 P + ⏚
1	0594 88	0595 33	3 P + N + ⏚

Pack	Cat. Nos.		**Straight plugs 63 and 125 A**
	63 A	125 A	**380 to 415 V**∿
1	0594 47	0595 22	3 P + ⏚
1	0594 48	0595 23	3 P + N + ⏚

Hypra® IP 66/67-55 - LV 16/32/63/125 A

plastic plugs and sockets

■ Technical information

IP 66/67-55 conforms to BS EN 60529 and IEC 60529
Icc 10 kA according to BS EN 60309-1 and IEC 60309-1
Stainless steel external screws - Nickel plated brass contacts
IK according to BS EN 62262 and IEC 62262 : plastic = IK 09

■ Wiring tested according to BS EN 60309-1

| Type	Current	Conductors size (mm≤)	Conductors type
Plugs and mobile sockets	LV 16 A	1 to 2·5	Flexible
	LV 32 A	2·5 to 6	Flexible
	LV 63 A	6 to 16	Flexible
	LV 125 A	16 to 50	Flexible
Panel and surface mounting sockets	LV 16 A	1·5 to 4	Rigid
	LV 32 A	2·5 to 10	Rigid
	LV 63 A	6 to 25	Rigid
	LV 125 A	25 to 70	Rigid

Tightening torque of connection screws

LV 16 A   : from 0·7 to 1 Nm
LV 32 A   : from 0·7 to 1 Nm
LV 63 A   : from 2 to 2·2 Nm for Phase and Earth
                from 0·7 to 1 Nm for pilot
LV 125 A : from 3 to 4 Nm for Phase and Earth
                from 0·7 to 1 Nm for pilot

■ Dimensions

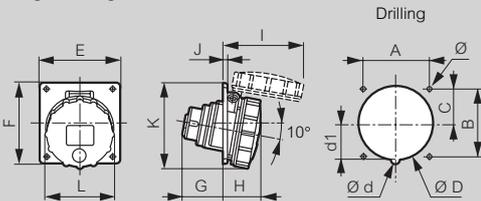### Panel mounting sockets IP 66/67-55

LV 16 A (p. 97)
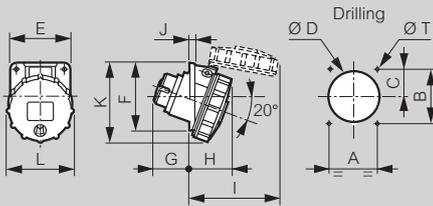
	Weight (kg)	Drilling (mm)					Dimensions (mm)							
		A	B	C	ØD	ØT	E	F	G	H	I	J	K	L
LV 16 A														
2 P + ⏚	0·140	52	60	33	55	4·2	64	72	40	45	91	5·5	87	72·5
3 P + ⏚	0·165	60	70	39	63·5	5·2	74	84	41	48	102	5·5	96	81
3 P + N + ⏚	0·195	60	70	37	70·6	5·2	80	84	42	50	106	5·5	96	86·5

LV 16/32 A with modular fixings (p. 97-98)

Single fixing centres

	Weight (kg)	Drilling (mm)						Dimensions (mm)								
		A	B	C	ØD	Ø d	d1	E	F	G	H	I	J	K	L	Ø
LV 16 A																
2 P + ⏚	0·140	70	70	35	76·2	–	–	84	84	42	39	83	4·5	90	72·5	4·2
3 P + ⏚	0·165	70	70	35	76·2	–	–	84	84	43	41	98	4·5	93	81	4·2
3 P + N + ⏚	0·195	70	70	35	76·2	–	–	84	84	43	41	99	4·5	91	86·5	4·2
LV 32 A																
2 P + ⏚	0·240	70	70	35	76·2	–	–	84	94	54	50	113	4·5	101	94·5	4·2
3 P + ⏚	0·240	70	70	35	76·2	–	–	84	94	54	50	113	4·5	101	94·5	4·2
3 P + N + ⏚	0·270	70	70	35	76·2	8	36	84	94	54	51	120	4·5	103	101	4·2

Panel mounting sockets IP 66/67-55

LV 63/125 A (p. 98)
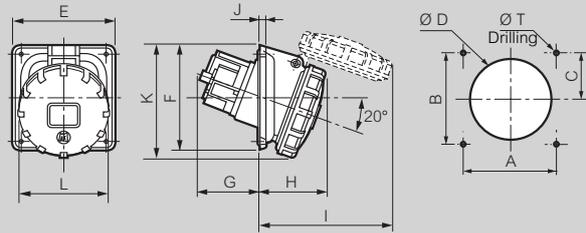
	Weight (kg)	Drilling (mm)					Dimensions (mm)							
		A	B	C	ØD	ØT	E	F	G	H	I	J	K	L
LV 63 A														
3 P + ⏚	0·71	77	85	42·5	92	6·5	106	106	98	79	158	6	127	113·5
3 P + N + ⏚	0·77	77	85	42·5	92	6·5	106	106	98	79	158	6	127	113·5
LV 125 A														
3 P + ⏚	1·40	124	124	62	120	6·5	146	146	84	93	182	8	157	131
3 P + N + ⏚	1·55	124	124	62	120	6·5	146	146	84	93	182	8	157	131

Surface mounting sockets IP 66/67-55

LV 63 A (p. 98)
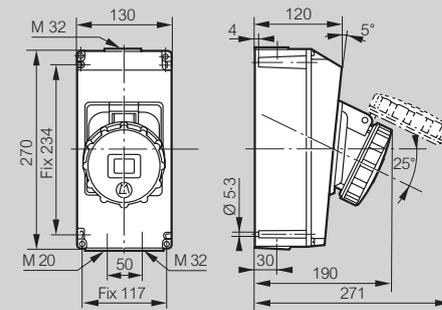
	Weight (kg)
LV 63 A	
3 P + ⏚	1·65
3 P + N + ⏚	1·70

LV 125 A (p. 98)
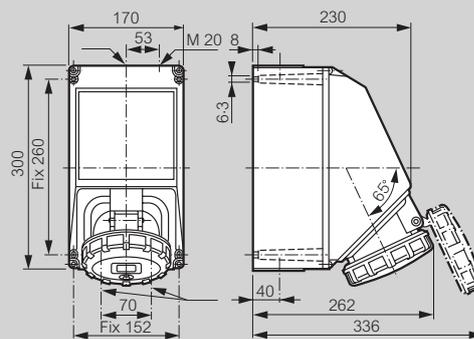
	Weight (kg)
LV 125 A	
3 P + ⏚	3·5
3 P + N + ⏚	3·7

Hypra® IP 66/67-55 - LV 16/32/63/125 A

plastic plugs and sockets (continued)

■ Dimensions (continued)
Mobile sockets IP 66/67-55

LV 16/32 A (p. 97-98) **LV 63 A[1]** (p. 98)

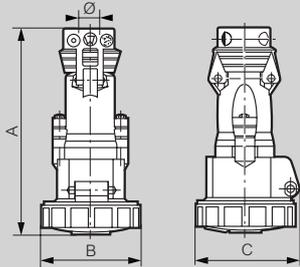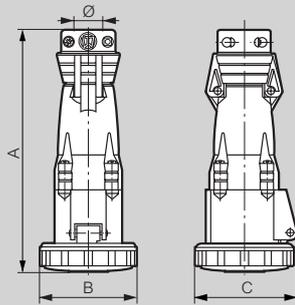|	Material	Weight (kg)	Dimensions (mm)			Ø Clamping and grip (mm)
			A	B	C	
LV 16 A						
2 P + ⏚	Plastic	0·180	150	72·5	75·5	8 to 15
3 P + ⏚	Plastic	0·215	154	81	86	8 to 15
3 P + N + ⏚	Plastic	0·275	189	86·5	89	10 to 18
LV 32 A						
2 P + ⏚	Plastic	0·320	179	94·5	99	10 to 18
3 P + ⏚	Plastic	0·320	179	94·5	99	12 to 22
3 P + N + ⏚	Plastic	0·375	185	101	106	12 to 22
LV 63 A						
3 P + ⏚	Plastic	0·850	278	113·5	119	18·5 to 29
3 P + N + ⏚	Plastic	0·910	278	113·5	119	20·5 to 32

LV 125 A[1] (p. 98)

Ø 146   147   364
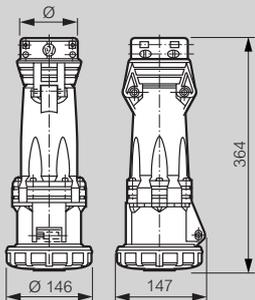
	Weight (kg)	Ø Clamping and grip (mm)
LV 125 A		
3 P + ⏚	1·8	24 to 48
3 P + N + ⏚	2·0	28 to 48

1 : Wiring diagram for 63 A and 125 A shown on p. 101

Straight plugs IP 66/67-55
LV 16/32 A (p. 97-98)
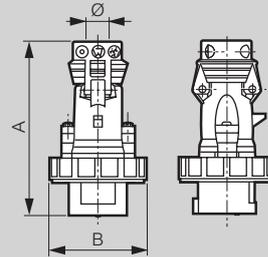
	Weight (kg)	A (mm)	B (mm)	Ø Clamping and grip (mm)
LV 16 A				
2 P + ⏚	0·165	135	72·5	8 to 15
3 P + ⏚	0·195	139	81	8 to 15
3 P + N + ⏚	0·220	154	86·5	10 to 18
LV 32 A				
2 P + ⏚	0·280	164	94·5	10 to 18
3 P + ⏚	0·280	164	94·5	12 to 22
3 P + N + ⏚	0·325	170	101	12 to 22

LV 63 A (p. 98)

255   113·5
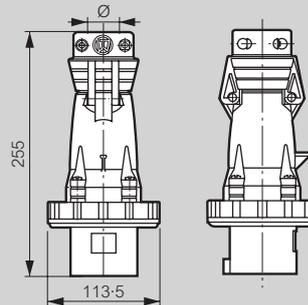
	Weight (kg)	Ø Clamping and grip (mm)
LV 63 A		
3 P + ⏚	0·680	18·5 to 29
3 P + N + ⏚	0·750	20·5 to 32

LV 125 A (p. 98)

340   Ø 131
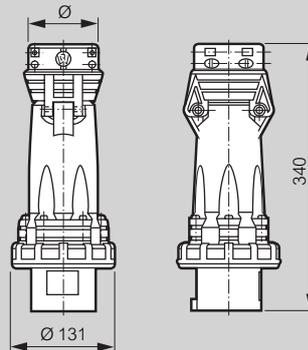
	Weight (kg)	Ø Clamping and grip (mm)
LV 125 A		
3 P + ⏚	1·54	24 to 48
3 P + N + ⏚	1·7	28 to 48

Angled plugs IP 66/67-55
LV 16/32 A (p. 97-98)

Ø 30
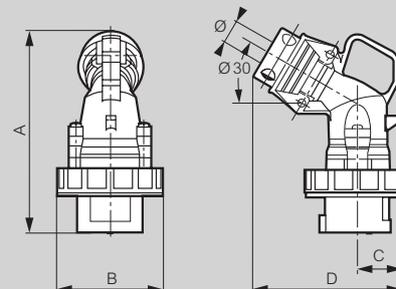
	Weight (kg)	Dimensions (mm)				Ø Clamping and grip (mm)
		A	B	C	D	
LV 16 A						
2 P + ⏚	0·165	136	72·5	29·5	100	8 to 15
3 P + ⏚	0·195	141	81	33·5	105	8 to 15
3 P + N + ⏚	0·220	150	86·5	37·5	114	10 to 18
LV 32 A						
2 P + ⏚	0·280	161	94·5	39·5	116	10 to 18
3 P + ⏚	0·280	161	94·5	39·5	116	12 to 22
3 P + N + ⏚	0·325	167	101	44·5	122	12 to 22

Hypra® IP 66/67-55 - LV 16/32/63 A

surface mounting and through entry back boxes

Hypra® IP 66/67-55 - LV 63 and 125 A

pilot pin connection

■ Dimensions

Surface mounting boxes
Reversible boxes for surface mounting sockets
Boxes can be rotated to aid entry

LV 16 A (p. 97)   **LV 32 A** (p. 98)

A1 and A2 : optional blind fixing points
Metal boxes are equipped with :
- 2 internal linked earth terminals and 1 external earth terminal
- 1 tulip earth pin connection between base and cover

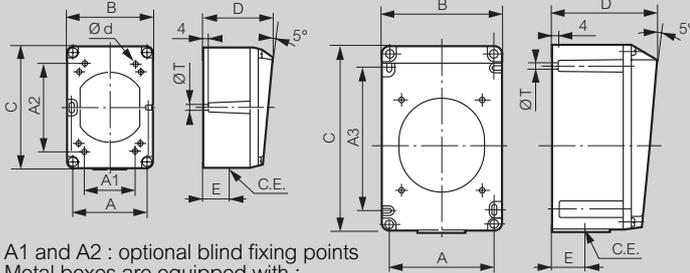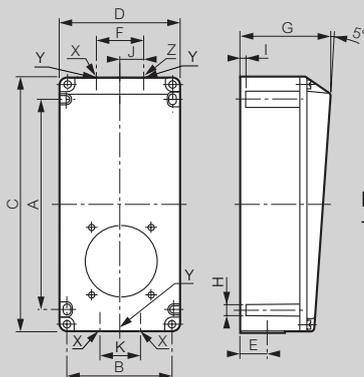| Back boxes → Panel mounting sockets ↓	Material	Weight (kg)	Fixings (mm)						Dimensions (mm)				C.E.
			A1	A2	ød	A	A3	ØT	B	C	D	E	
LV 16 A													
2 P + ⏚	Plastic	0·115	51	68	4·2	64	–	5·3	74	106	58	20	M 20
3 P + ⏚	Plastic	0·160	68	68	4·2	85	–	5·3	96	122	60	22	M 20
3 P + N + ⏚	Plastic	0·160	68	68	4·2	85	–	5·3	96	122	60	22	M 20
LV 32 A													
2 P + ⏚ / 3 P + ⏚	Plastic	0·340	–	–	–	90	125	5·3	102	162	90	26	M 25
3 P + N + ⏚													

Through entry surface mounting boxes
Reversible boxes for surface mounting through entry sockets

LV 16 to 63 A (p. 97-98)

Plastic box equipped with :
- 2 internal linked earth terminals

Back boxes → Panel mounting sockets ↓	Material	Weight (kg)	Fixings (mm)			Dimensions (mm)											
			A	B	H	C	D	E	F	G	I	J	K	X	Y	Z
16 A																
2 P + ⏚	Plastic	0·330	145	74	5·3	182	86	22	34	75	4	–	–	–	M20	–
3 P + ⏚	Plastic	0·440	175	88	5·3	212	100	22	40	77	4	–	–	–	M20	–
3 P + N + ⏚	Plastic	0·440	175	88	5·3	212	100	22	40	77	4	–	–	–	M20	–
32 A																
2 P + ⏚	Plastic	0·670	234	117	5·3	270	130	30	50	120	4	–	–	–	M25	–
3 P + ⏚	Plastic	0·670	234	117	5·3	270	130	30	50	120	4	–	–	–	M25	–
3 P + N + ⏚	Plastic	0·670	234	117	5·3	270	130	30	50	120	4	–	–	–	M25	–
63 A																
3 P + ⏚	Plastic	2·000	260	152	6·3	300	170	40	–	150	8	50	70	M32	–	M20
3 P + N + ⏚	Plastic	2·000	260	152	6·3	300	170	40	–	150	8	50	70	M32	–	M20

Note : Through entry boxes provide extra wiring space but not looping terminals

■ Example of 63/125 A 3 P + ⏚ and 3 P + N + ⏚ pilot pin connection

The pilot pin enables the load to be removed prior to the separation of the phase pins, when the circuit is routed via a contactor
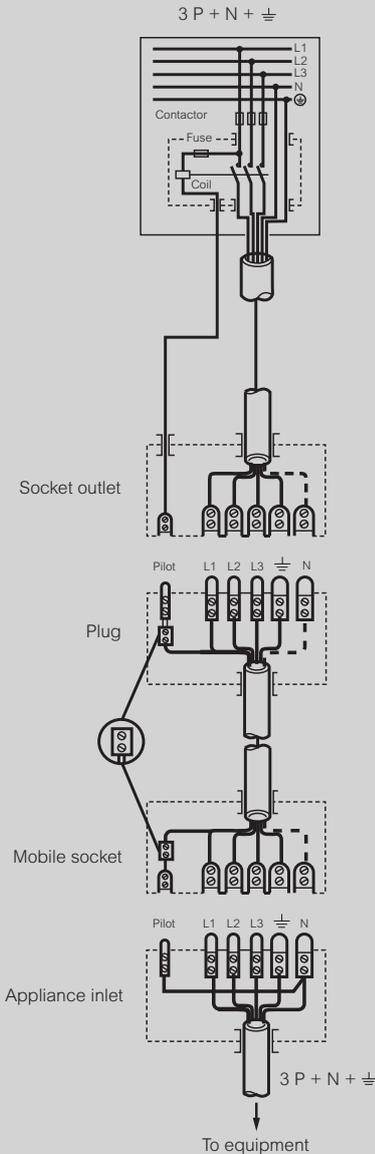
The pilot pin connection accepts 2·5-6 mm² flexible or up to 10 mm² rigid conductor. It is the small centre pin in the connection

■ Pilot cabling

	63 A	Conductors type
Plugs and mobile sockets	2·5 to 6	Flexible
Surface and panel mounting sockets	2·5 to 10	Rigid

P17 TEMPRA PRO
RELIABLY VERSATILE.....

The P17 Tempra Pro range offers a choice of plugs, sockets and combination units each designed to meet the individual needs of specific areas of the market.

Available in LV 16 A, 32 A, 63 A and 125 A versions, the range offers IP 44 and IP 66/67 ingress protection (IP 44 and IP 66 for combination units) to meet the needs of both internal and external projects.

SAFE AND SOUND

Manufactured from polyamide 6 which boasts high chemical resistance and IK 09 impact rating, P17 Tempra Pro is no amateur. With its impressive temperature resistance qualities and choice of IP 44 and IP 66/67/69[1] protection options, the range is suited to most internal and external applications.

PANEL MOUNTING SOCKETS

CURRENT RATING - 16 A, 32 A, 63 A, 125 A
VOLTAGES   - 100 - 415 V
PIN CONFIG   - 2P+E, 3P+E, 3P+N+E
IP RATING   - IP 44, IP 66/67

SURFACE MOUNTING SOCKETS

CURRENT RATING - 16 A, 32 A, 63 A, 125 A
VOLTAGES   - 100 - 415 V
PIN CONFIG   - 2P+E, 3P+E, 3P+N+E
IP RATING   - IP 44, IP 66/67

STRAIGHT PLUGS

CURRENT RATING - 16 A, 32 A, 63 A, 125 A
VOLTAGES   - 100 - 415 V
PIN CONFIG   - 2P+E, 3P+E, 3P+N+E
IP RATING   - IP 44, IP 66/67/69[1]

MOBILE SOCKETS

CURRENT RATING - 16 A, 32 A, 63 A, 125 A
VOLTAGES   - 100 - 415 V
PIN CONFIG   - 2P+E, 3P+E, 3P+N+E
IP RATING   - IP 44, IP 66/67/69[1]

1 : IP 69 available in 63 and 125 A on mobile sockets and straight plugs only

TECHNICAL DATA
APPROVALS:
BS EN 60309-1, BS EN 60309-2,
BS EN 60529 (IP), BS EN 62262 (IK)
PROTECTION:
IP 44 and IP 66/67-55 ranges available
IK 09
SELF EXTINGUISHING:
850ºC for insulated parts, 650ºC for housing
OPERATING TEMPERATURE:
-25ºC to +40ºC

P17 TEMPRA PRO

The new P17 Tempra Pro range has been subject to extensive research to ensure its new ergonomic design not only looks the part but makes life easier for the user. Reliable cable connections are easily created in an optimised wiring space which is protected by a robust exterior that performs well in a wide variety of environments.

Surface mounting sockets
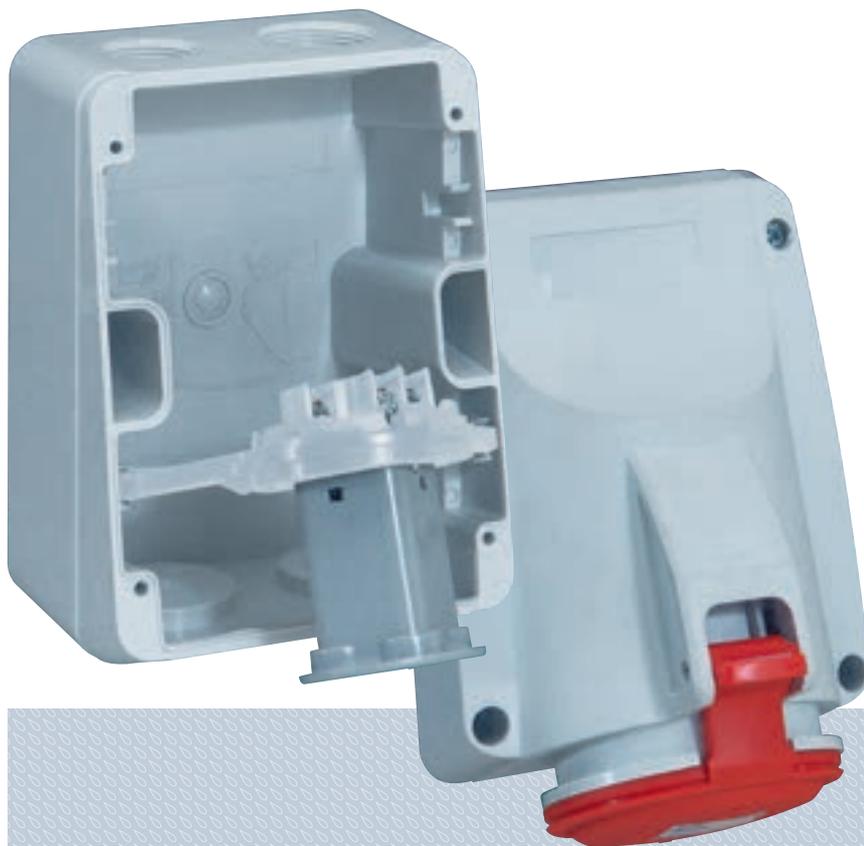
EASY FIXING
Stainless steel captive screws with mixed head (for cross or flat screwdriver), provide a good seal, anti-corrosion resistance and save time during installation

CABLE ENTRY
Back boxes have 4 threaded, sealed cable entries on the top and bottom edge and marking on the back for ISO cable glands or conduit

ONE SCREW
A single captive PZ 2 screw, per terminal for simple and easy connections

EASY REMOVAL
Remove active parts from the base for easier wiring and to change the angle of the socket
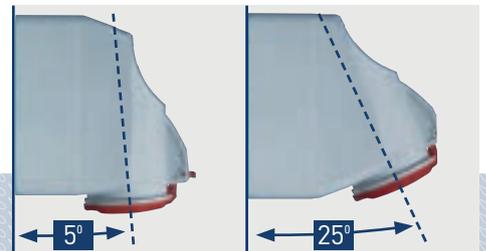
TWO MOUNTING POSITIONS
To solve the problem of limited space, surface mounting sockets offer 2 different mounting positions (5° or 25°) which allow users to adapt to the space available without changing the box

Mobile sockets and straight plugs
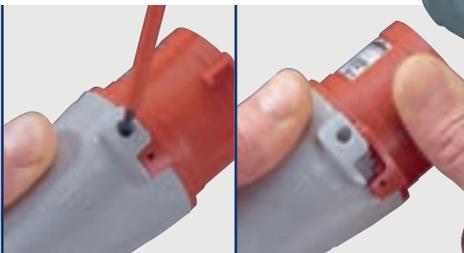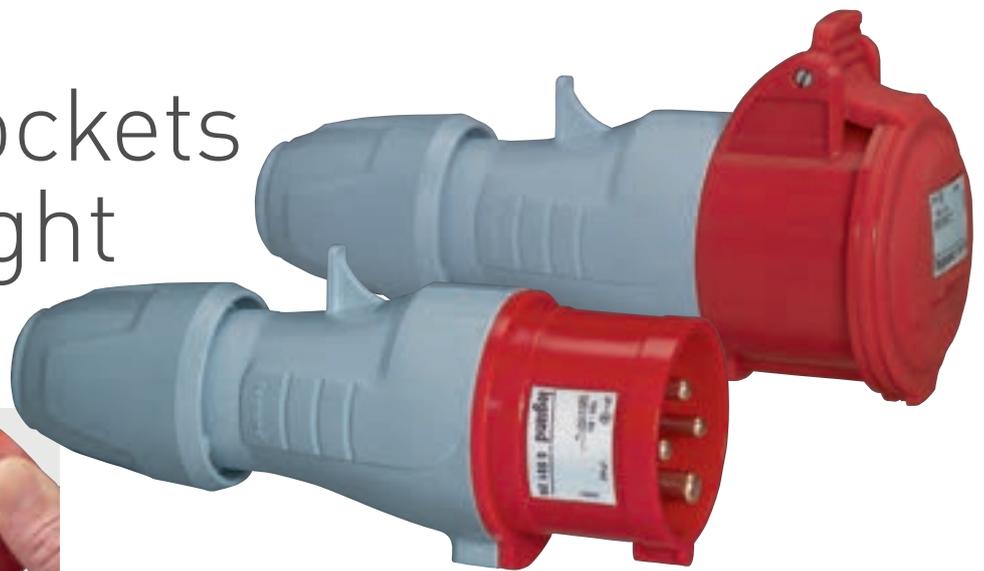
QUICK OPENING / CLOSING SYSTEM
Unlock by pressing with a screwdriver. Marking indicates the location for the locking clip. Open by turning the two parts in opposite directions
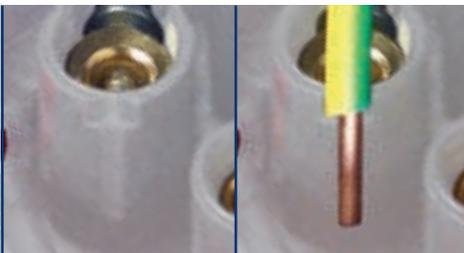
CABLE STRIPPING
Marking allows the user to see quickly the length of cable to be stripped. Option of using cables with ferrules

Innovative design and quality construction make P17 Tempra Pro ideal for a wide variety of applications

P 17 Tempra Pro IP 44 – LV 16 and 32 A

selection chart

<table>
<tr>
<td rowspan="2">Conform to
BS EN 60309-1 and IEC 60309-1 and BS EN 60309-2 and IEC 60309-2
IP 44 according to BS EN 60529 and IEC 60529
IK 09 according to BS EN 62262 and IEC 62262
Material: polyamide 6
All plugs and sockets in the IP 44 and IP 66/67/69 P17 Tempra Pro range, as well as combined units, are tested and comply with IEC 60309 1 & 2 standards. These relate to the flammability test method called the incandescent wire test which is used to check that the exposure of electrical equipment insulation to intense heat will not cause uncontrolled ignition, and that the material extinguishes itself once removed from the heat source.

Self-extinguishing:
850 °C (support of active parts) /
650 °C (plastic housing)
The P17 range is tested at Legrand laboratories using the following standards relating to self-extinguishable products:
• IEC 60695-2-10: standard covering test equipment
• IEC 60695-2-11: standard covering products
• IEC 60695-2-12: standard covering material specimens</td>
<td colspan="9" align="center">FUNCTIONS</td>
</tr>
<tr>
<td colspan="2" align="center">SURFACE MOUNTING SOCKETS</td>
<td align="center">PANEL MOUNTING SOCKETS INCLINED OUTLET</td>
<td align="center">PANEL MOUNTING SOCKETS STRAIGHT OUTLET</td>
<td align="center">MOBILE SOCKETS</td>
<td align="center">STRAIGHT PLUGS</td>
<td align="center">APPLIANCE INLETS</td>
</tr>
<tr>
<td colspan="2" align="center">LV</td>
<td colspan="2" align="center">Female connector</td>
<td align="center">Female connector</td>
<td align="center">Female connector</td>
<td align="center">Female connector</td>
<td align="center">Male connector</td>
<td align="center">Male connector</td>
</tr>
<tr>
<td rowspan="3" align="center">−100 to 130 V〜 50/60 Hz</td>
<td rowspan="2" align="center">16 A</td>
<td>2 P + ⏚</td><td colspan="2">5551 51</td><td>5551 81</td><td>–</td><td>5551 01</td><td>5551 21</td><td>–</td>
</tr>
<tr>
<td>3 P + ⏚</td><td colspan="2">5551 52</td><td>–</td><td>–</td><td>5551 02</td><td>5551 22</td><td>–</td>
</tr>
<tr>
<td align="center">32 A</td>
<td>2 P + ⏚</td><td colspan="2">5552 51</td><td>5552 81</td><td>–</td><td>5552 11</td><td>5552 31</td><td>–</td>
</tr>
<tr>
<td rowspan="6" align="center">200 to 250 V〜 50/60 Hz</td>
<td rowspan="3" align="center">16 A</td>
<td>2 P + ⏚</td><td colspan="2">5551 54</td><td>5551 84</td><td>0573 54</td><td>5551 04</td><td>5551 24</td><td>0575 84[1]</td>
</tr>
<tr>
<td>3 P + ⏚</td><td colspan="2">5551 55</td><td>5551 85</td><td>–</td><td>5551 05</td><td>5551 25</td><td>–</td>
</tr>
<tr>
<td>3 P + N + ⏚</td><td colspan="2">5551 56</td><td>5551 86</td><td>–</td><td>5551 06</td><td>5551 26</td><td>–</td>
</tr>
<tr>
<td rowspan="3" align="center">32 A</td>
<td>2 P + ⏚</td><td colspan="2">5552 54</td><td>5552 84</td><td>0580 54</td><td>5552 14</td><td>5552 34</td><td>0582 84[1]</td>
</tr>
<tr>
<td>3 P + ⏚</td><td colspan="2">5552 55</td><td>5552 85</td><td>–</td><td>5552 15</td><td>5552 35</td><td>–</td>
</tr>
<tr>
<td>3 P + N + ⏚</td><td colspan="2">5552 56</td><td>5552 86</td><td>–</td><td>5552 16</td><td>5552 36</td><td>–</td>
</tr>
<tr>
<td rowspan="6" align="center">380 to 415 V〜 50/60 Hz</td>
<td rowspan="3" align="center">16 A</td>
<td>2 P + ⏚</td><td colspan="2">5551 57</td><td>–</td><td>–</td><td>5551 07</td><td>5551 27</td><td>–</td>
</tr>
<tr>
<td>3 P + ⏚</td><td colspan="2">5551 58</td><td>5551 88</td><td>0573 58</td><td>5551 08</td><td>5551 28</td><td>0575 88[1]</td>
</tr>
<tr>
<td>3 P + N + ⏚</td><td colspan="2">5551 59</td><td>5551 89</td><td>0573 59</td><td>5551 09</td><td>5551 29</td><td>0575 89[1]</td>
</tr>
<tr>
<td rowspan="3" align="center">32 A</td>
<td>2 P + ⏚</td><td colspan="2">5552 57</td><td>–</td><td>–</td><td>5552 17</td><td>5552 37</td><td>–</td>
</tr>
<tr>
<td>3 P + ⏚</td><td colspan="2">5552 58</td><td>5552 88</td><td>0580 58</td><td>5552 18</td><td>5552 38</td><td>0582 88[1]</td>
</tr>
<tr>
<td>3 P + N + ⏚</td><td colspan="2">5552 59</td><td>5552 89</td><td>0580 59</td><td>5552 19</td><td>5552 39</td><td>0582 89[1]</td>
</tr>
</table>

1 : Protection covers not supplied (p. 108)

P 17 Tempra Pro IP 66/67 – LV 16, 32, 63 and 125 A

selection chart

Conform to
BS EN 60309-1 and IEC 60309-1 and BS EN 60309-2 and IEC 60309-2
IP 44 according to BS EN 60529 and IEC 60529
IK 09 according to BS EN 62262 and IEC 62262
Material: polyamide 6
All plugs and sockets in the IP 44 and IP 66/67/69 P17 Tempra Pro range, as well as combined units, are tested and comply with IEC 60309 1 & 2 standards. These relate to the flammability test method called the incandescent wire test which is used to check that the exposure of electrical equipment insulation to intense heat will not cause uncontrolled ignition, and that the material extinguishes itself once removed from the heat source.
Self-extinguishing:
850 °C (support of active parts) /
650 °C (plastic housing)
The P17 range is tested at Legrand laboratories using the following standards relating to self-extinguishable products:
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• IEC 60695-2-12: standard covering material specimens

LV			SURFACE MOUNTING SOCKETS	PANEL MOUNTING SOCKETS INCLINED OUTLET	MOBILE SOCKETS	STRAIGHT PLUGS	APPLIANCE INLETS
			Female connector	Female connector	Female connector	Male connector	Male connector
100 to 130 V∿ 50/60 Hz	16 A	2 P + ⏚	5553 51	5553 81	5553 01	5553 21	–
	32 A	2 P + ⏚	5554 51	–	–	5554 31	–
200 to 250 V∿ 50/60 Hz	16 A	2 P + ⏚	5553 54	5554 84	5553 04	5553 24	0568 03
		3 P + ⏚	5553 55	5553 85	5553 05	5553 25	–
		3 P + N + ⏚	5553 56	5553 86	5553 06	5553 26	–
	32 A	2 P + ⏚	5554 54	5554 84	5554 14	5554 34	0568 23
		3 P + ⏚	5554 55	5554 85	5554 15	5554 35	–
		3 P + N + ⏚	5554 56	5554 86	5554 16	5554 36	–
	63 A	2 P + ⏚	5555 54	5555 84	5555 04	5555 24	5555 14
		3 P + ⏚	5555 55	5555 85	5555 05	5555 25	–
		3 P + N + ⏚	5555 56	5555 86	5555 06	5555 26	–
380 to 415 V∿ 50/60 Hz	16 A	3 P + ⏚	5553 58	5553 88	5553 08	5553 28	0568 07
		3 P + N + ⏚	5553 59	5553 89	5553 09	5553 29	0568 08
	32 A	3 P + ⏚	5554 58	5554 88	5554 18	5554 38	0568 27
		3 P + N + ⏚	5554 59	5554 89	5 554 19	5554 39	0568 28
	63 A	3 P + ⏚	5555 58	5555 88	5555 08	5555 28	5555 18
		3 P + N + ⏚	5555 59	5555 89	5555 09	5555 29	5555 19
	125 A	3 P + ⏚	5556 58	5556 88	5556 08	5556 28	5556 18
		3 P + N + ⏚	5556 59	5556 89	5556 09	5556 29	5556 19

P 17 Tempra Pro IP 44 – LV 16 and 32 A

sockets, plugs, mobile sockets, appliance inlets and protection covers

5551 84

5552 14

5551 08

5552 34 + 0521 27

5552 58

5551 88

5551 28

Technical information and dimensions **p. 110-111**

Surface mounting sockets

Two possible angles (5° or 25°)

Pack	16 A	32 A	
			100/130 V
5	5551 51	5552 51	2 P + ⏚
5	5551 52	–	3 P + ⏚
			200/250 V
10 | 5	5551 54	5552 54	2 P + ⏚
5	5551 55	5552 55	3 P + ⏚
5	5551 56	5552 56	3 P + N + ⏚
			380/415 V
5	5551 57	5552 57	2 P + ⏚
10	5551 58	5552 58	3 P + ⏚
10	5551 59	5552 59	3 P + N + ⏚

Panel mounting sockets inclined outlet

Can be fixed on plain faceplates or pre-drilled (p. 18)

Pack	16 A	32 A	
			100/130 V
5	5551 81	5552 81	2 P + ⏚
			200/250 V
10	5551 84	5552 84	2 P + ⏚
5	5551 85	5552 85	3 P + ⏚
5	5551 86	5552 86	3 P + N + ⏚
			380/415 V
10	5551 88	5552 88	3 P + ⏚
10	5551 89	5552 89	3 P + N + ⏚

Panel mounting sockets straight outlet small flange

Can be fixed only on plain faceplates
Cat. No. 0577 15 (p. 18)

Pack	16 A	32 A	
			200/250 V
5	0573 54	0580 54	2 P + ⏚
			380/415 V
5	0573 58	0580 58	3 P + ⏚
5	0573 59	0580 59	3 P + N + ⏚

Mobile sockets

Cable clamping and closing without screws
Supplied unlocked

Pack	16 A	32 A	
			100/130 V
10 | 5	5551 01	5552 11	2 P + ⏚
5	5551 02	–	3 P + ⏚
			200/250 V
10	5551 04	5552 14	2 P + ⏚
5	5551 05	5552 15	3 P + ⏚
5	5551 06	5552 16	3 P + N + ⏚

Adaptor – 16 A - 230 V

Pack	Cat. Nos.	
10	0521 01	2 P + ⏚ plug
		13 A 2 P + ⏚ BS socket

Mobile sockets (continued)

Cable clamping and closing without screws
Supplied unlocked

Pack	16 A	32 A	
			380/415 V
5	5551 07	5552 17	2 P + ⏚
10	5551 08	5552 18	3 P + ⏚
10	5551 09	5552 19	3 P + N + ⏚

Straight plugs

Cable clamping and closing without screws
Supplied unlocked

Pack	16 A	32 A	
			100/130 V
10 | 5	5551 21	5552 31	2 P + ⏚
5	5551 22	–	3 P + ⏚
			200/250 V
10	5551 24	5552 34	2 P + ⏚
5	5551 25	5552 35	3 P + ⏚
5	5551 26	5552 36	3 P + N + ⏚
			380/415 V
5	5551 27	5552 37	2 P + ⏚
10	5551 28	5552 38	3 P + ⏚
10	5551 29	5552 39	3 P + N + ⏚

Appliance inlets

Can be used with protective covers, see below. Supplied separately

Pack	Cat. Nos.		
			200/250 V
5	0575 84	0582 84	2 P + ⏚
			380/415 V
5	0575 88	0582 88	3 P + ⏚
5	0575 89	0582 89	3 P + N + ⏚

Protection covers

IP 67
IP 44 maintained with plug inserted
For plugs and appliance inlets:

Pack	Rubber	
10	0521 25	2 P + ⏚ - 16 A
5	0521 26	3 P + ⏚ - 16 A
5	0521 27	3 P + N + ⏚ - 16 A / 2 P + ⏚ and 3 P + ⏚ - 32 A
5	0527 99	3 P + N + ⏚ - 32 A

P 17 Tempra Pro IP 66/67 - LV 16 and 32 A
sockets, plugs, mobile sockets and appliance inlets

5554 14

5553 28

P 17 Tempra Pro IP 66/67/69[1] - LV 63 and 125 A
sockets, plugs, mobile sockets and appliance inlets and IP 66/67/69[1] LV 32 A for refrigerated containers

5555 59

Easy connection disconnection

5555 09

Technical information and dimensions **p. 110-112**

Technical information and dimensions **p. 113-115**

Surface mounting sockets
Two possible angles (5° or 25°)

Pack	Cat. Nos.		
	16 A	32 A	**100/130 V** ∿ 2 P + ⏚
5	5553 51	5554 51	
			200/250 V ∿
5	5553 54	5554 54	2 P + ⏚
5	5553 55	5554 55	3 P + ⏚
5	5553 56	5554 56	3 P + N + ⏚
			380/415 V ∿
5	5553 58	5554 58	3 P + ⏚
5	5553 59	5554 59	3 P + N + ⏚

Panel mounting sockets inclined outlet
Can be fixed on faceplates (p. 18)

Pack	Cat. Nos.		
	16 A	32 A	**100/130 V** ∿ 2 P + ⏚
5	5553 81	–	
			200/250 V ∿
5	5553 84	5554 84	2 P + ⏚
5	5553 85	5554 85	3 P + ⏚
5	5553 86	5554 86	3 P + N + ⏚
			380/415 V ∿
5	5553 88	5554 88	3 P + ⏚
5	5553 89	5554 89	3 P + N + ⏚

Mobile sockets
Supplied unlocked

Pack	Cat. Nos.		
	16 A	32 A	**100/130 V** ∿ 2 P + ⏚
5	5553 01	–	
			200/250 V ∿
5	5553 04	5554 14	2 P + ⏚
5	5553 05	5554 15	3 P + ⏚
5	5553 06	5554 16	3 P + N + ⏚
			380/415 V ∿
5	5553 08	5554 18	3 P + ⏚
5	5553 09	5554 19	3 P + N + ⏚

Straight plugs
Supplied unlocked

Pack	Cat. Nos.		
	16 A	32 A	**100/130 V** ∿ 2 P + ⏚
5	5553 21	5554 31	
			200/250 V ∿
5	5553 24	5554 34	2 P + ⏚
5	5553 25	5554 35	3 P + ⏚
5	5553 26	5554 36	3 P + N + ⏚
			380/415 V ∿
5	5553 28	5554 38	3 P + ⏚
5	5553 29	5554 39	3 P + N + ⏚

Appliance inlets

Pack	Cat. Nos.		
	16 A	32 A	**200/250 V** ∿ 2 P + ⏚
5	0568 03	0568 23	
			380/415 V ∿
5	0568 07	0568 27	3 P + ⏚
5	0568 08	0568 28	3 P + N + ⏚

Surface mounting sockets

Pack	Cat. Nos.		
	63 A	125 A	**200/250 V** ∿
2	5555 54	–	2 P + ⏚
2	5555 55	–	3 P + ⏚
2	5555 56	–	3 P + N + ⏚
			380/415 V ∿
2 | 1	5555 58	5556 58	3 P + ⏚
2 | 1	5555 59	5556 59	3 P + N + ⏚

Panel mounting sockets inclined outlet
Can be fixed on faceplates Cat. No. 0577 17 (p. 18)

Pack	Cat. Nos.		
	63 A	125 A	**200/250 V** ∿
2	5555 84	–	2 P + ⏚
2	5555 85	–	3 P + ⏚
2	5555 86	–	3 P + N + ⏚
			380/415 V ∿
2 | 1	5555 88	5556 88	3 P + ⏚
2 | 1	5555 89	5556 89	3 P + N + ⏚

Mobile sockets

Pack	Cat. Nos.		
	63 A	125 A	**200/250 V** ∿
2	5555 04	–	2 P + ⏚
2	5555 05	–	3 P + ⏚
2	5555 06	–	3 P + N + ⏚
			380/415 V ∿
2 | 1	5555 08	5556 08	3 P + ⏚
2 | 1	5555 09	5556 09	3 P + N + ⏚

Straight plugs

Pack	Cat. Nos.		
	63 A	125 A	**200/250 V** ∿
2	5555 24	–	2 P + ⏚
2	5555 25	–	3 P + ⏚
2	5555 26	–	3 P + N + ⏚
			380/415 V ∿
2 | 1	5555 28	5556 28	3 P + ⏚
2 | 1	5555 29	5556 29	3 P + N + ⏚

Appliance inlets

Pack	Cat. Nos.		
	63 A	125 A	**200/250 V** ∿
2	5555 14	–	2 P + ⏚
			380/415 V ∿
2 | 1	5555 18	5556 18	3 P + ⏚
2 | 1	5555 19	5556 19	3 P + N + ⏚

1: IP 69 available in 63 and 125 A in mobile sockets and straight plugs only

L legrand

P 17 Tempra Pro IP 44 - LV 16 and 32 A

surface and panel mounting sockets, mobile sockets, straight plugs and appliance inlets

■ Technical information

Terminal connection:
• Panel and surface mounting sockets
16 A: max. 1 x 4 mm² rigid
32 A: max. 1 x 10 mm² rigid
• Appliance inlets:
16 A: max. 1 x 2.5 mm² rigid
32 A: max. 1 x 6 mm² rigid
• Plugs and mobile sockets:
16 A: max. 1 x 2.5 mm² flexible
32 A: max. 1 x 6 mm² flexible
IP 44 according to BS EN 60529 and IEC 60529
IK 08 according to BS EN 62262 for interlocked switched sockets with small flange
IK 09 according to BS EN 62262 and IEC 62262

Material: polyamide 6
All plugs and sockets in the IP 44 and IP 66/67/69 P17 Tempra Pro range, as well as combined units, are tested and comply with IEC 60309 1 & 2 standards. These relate to the flammability test method called the incandescent wire test which is used to check that the exposure of electrical equipment insulation to intense heat will not cause uncontrolled ignition, and that the material extinguishes itself once removed from the heat source.
Self-extinguishing:
850 °C (support of active parts) /
650 °C (plastic housing)
The P17 range is tested at Legrand laboratories using the following standards relating to self-extinguishable products:
• IEC 60695-2-10: standard covering test equipment
• IEC 60695-2-11: standard covering products
• IEC 60695-2-12: standard covering material specimens
Temp. rating: - 25 °C to + 40 °C according to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2
Conform to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2

■ Dimensions

Surface mounting sockets

	A	B	C	D	E	F	G	H	I	J	K	L	Ø
LV 16 A													
2 P + ⏚	125	93	144	125	131	137	22	17	20	70	176	195	4.3
3 P + ⏚	125	93	144	133	131	145	22	17	20	70	190	210	4.3
3 P + N + ⏚	125	93	144	139	131	150	22	17	20	70	201	221	4.3
LV 32 A													
2 P + ⏚	150	113	171	155	156	170	28	22	26	90	220	245	4.3
3 P + ⏚	150	113	171	155	156	170	28	22	26	90	220	245	4.3
3 P + N + ⏚	150	113	171	161	156	175	28	22	26	90	230	256	4.3

Panel mounting sockets straight outlet small flange
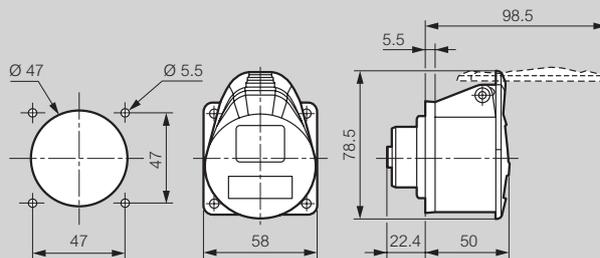
Weight (kg) = 0.105

Panel mounting sockets inclined outlet
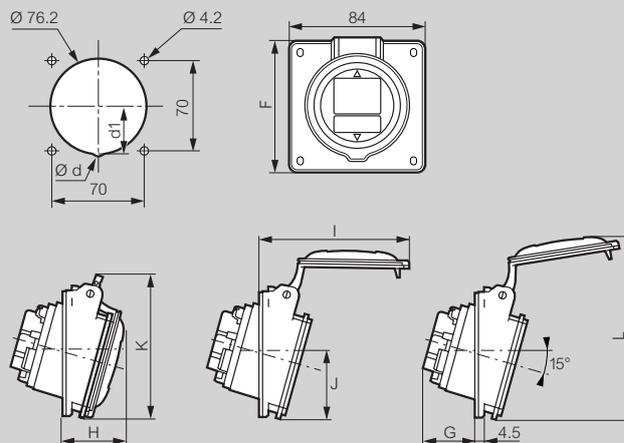
	Ø d	d1	F	G	H	I	J	K	L
LV 16 A									
2 P + ⏚	-	-	84	33.5	37.5	85	42	88.5	112.5
3 P + ⏚	-	-	84	35.5	38.5	93	42	91.5	118.5
3 P + N + ⏚	-	-	84	36.5	39.5	100	43.3	97	123.5
LV 32 A									
2 P + ⏚	-	-	94	41.5	45.5	110	47	102	131
3 P + ⏚									
3 P + N + ⏚	8	36	94	42.5	46.5	117	47	107.5	138

Mobile sockets
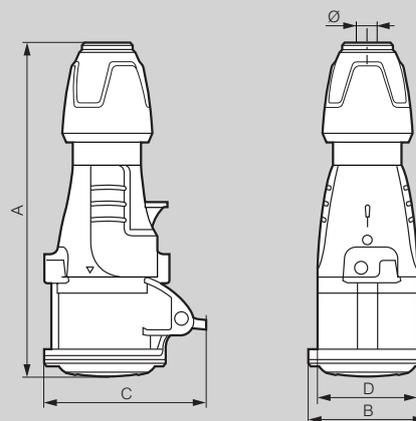
	A	B	C	D	Ø
LV 16 A					
2 P + ⏚	156 to 167	59	81	50	6.5 to 14
3 P + ⏚	157 to 168	65	88	55	7.10 to 15.5
3 P + N + ⏚	175 to 188	72	94	65	8 to 20
LV 32 A					
2 P + ⏚	184 to 197	73	99	65	8 to 20
3 P + ⏚	184 to 197	73.5	99	65	8 to 20
3 P + N + ⏚	190 to 203	79.5	105	71	11.9 to 22.2

■ **Dimensions**

Straight plugs
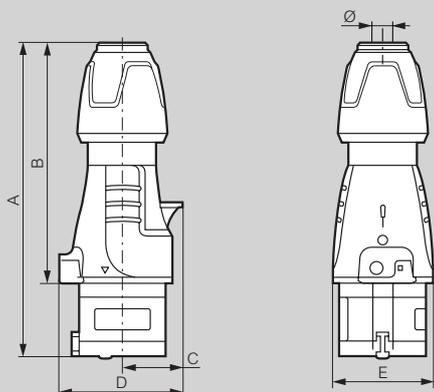
	A	B	C	D	E	Ø
LV 16 A						
2 P + E ⏚	146 to 157	109.5 to 120.5	30	61	50	6.5 to 14
3 P + E ⏚	146 to 157	109.5 to 120.5	34	67	55	7.10 to 15.5
3 P + N + E ⏚	163 to 176	126.5 to 139.5	38	76	65	8 to 20
LV 32 A						
2 P + E ⏚	172 to 185	127 to 140	40	78	65	8 to 20
3 P + E ⏚	172 to 185	127 to 140	40	78	65	8 to 20
3 P + N + E ⏚	179 to 189	133 to 143	45	86	71	11.9 to 22.2

Appliance inlets
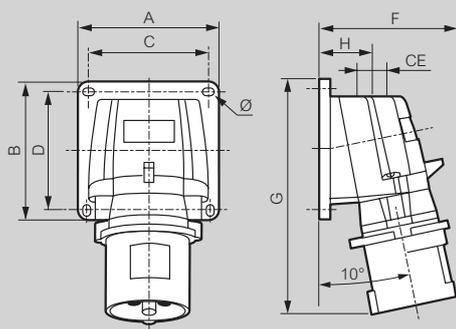
	Weight (kg)	A	B	C	D	F	G	H	CE	Ø
LV 16 A										
2 P + ⏚	0.168	84	84	72	72	77	126	34	M20	4.3
3 P + ⏚	0.232	84	84	72	72	84	134	34	M20	4.3
3 P + N + ⏚	0.256	84	84	72	72	91	141	34	M20	4.3
LV 32 A										
2 P + ⏚	0.325	110	110	98	98	96	168	39	M25	5.3
3 P + ⏚										
3 P + N + ⏚	0.364	110	110	98	98	102	168	39	M25	5.3

P 17 Tempra Pro IP 66/67 - LV 16 and 32 A

surface and panel mounting sockets, mobile sockets, straight plugs and appliance inlets

■ Technical information

Terminal connection:
• Panel and surface mounting sockets
16 A: max. 1 x 4 mm^2 rigid - 32 A: max. 1 x 10 mm^2 rigid
• Plugs, mobile sockets:
16 A: max. 1 x 2.5 mm^2 flexible - 32 A: max. 1 x 6 mm^2 flexible
• Appliance inlets:
16 A: max. 1 x 2.5 mm^2 rigid - 32 A: max. 1 x 6 mm^2 rigid
IP 66/67 according to BS EN 60529 and IEC 60529
IK 09 according to BS EN 62262 and IEC 62262
Material: polyamide 6
All plugs and sockets in the IP 44 and IP 66/67/69 P17 Tempra Pro
range, as well as combined units, are tested and comply with IEC
60309 1 & 2 standards. These relate to the flammability test method
called the incandescent wire test which is used to check that the
exposure of electrical equipment insulation to intense heat will not
cause uncontrolled ignition, and that the material extinguishes itself
once removed from the heat source.
Self-extinguishing:
850 °C (support of active parts) /
650 °C (plastic housing)
The P17 range is tested at Legrand laboratories using the following
standards relating to self-extinguishable products:
• IEC 60695-2-10: standard covering test equipment
• IEC 60695-2-11: standard covering products
• IEC 60695-2-12: standard covering material specimens
Temp. rating: - 25 °C to + 40 °C according to BS EN 60309-1,
BS EN 60309-2, IEC 60309-1 and IEC 60309-2
Conform to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and
IEC 60309-2

## ■ Dimensions

Surface mounting sockets

	A	B	C	D	E	F	G	H	I	J	K	L	Ø
LV 16 A													
2 P + ⏚	125	93	147	126	138	139	22	17	20	70	178	200	4.3
3 P + ⏚	125	93	147	134	138	147	22	17	20	70	194	215	4.3
3 P + N + ⏚	125	93	147	140	138	153	22	17	20	70	205	227	4.3
LV 32 A													
2 P + ⏚ / **3 P + ⏚**	150	113	174	156	163	172	28	22	26	90	224	250	4.3
3 P + N + ⏚	150	113	174	162	163	177	28	22	26	90	231	266	4.3

Panel mounting sockets inclined outlet
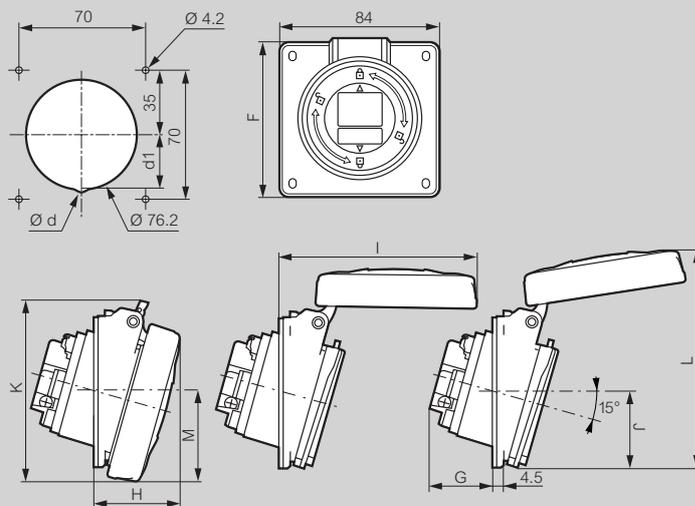
		Dimensions (mm)								
	Ød	d1	F	G	H	I	M	J	L	K
LV 16 A										
2 P + ⏚	-	-	84	33.5	42	94	42.5	42	114	88
3 P + ⏚	-	-	84	35.5	43	101	46	42	118	94.5
3 P + N + ⏚	-	-	84	36.5	44	108.5	50	42.5	123	101
LV 32 A										
2 P + ⏚ / 3 P + ⏚	-	-	94	41.5	50.5	118	54.5	47.5	129.5	105.5
3 P + N + ⏚	8	36	94	42.5	51.5	124.5	57.5	51	137	112

Mobile sockets
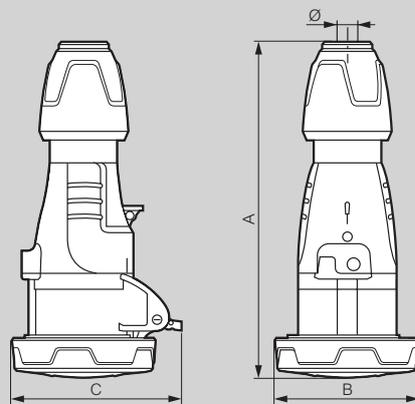
	A	B	C	Ø
LV 16 A				
2 P + ⏚	159 to 170	72.5	86	6.5 to 14
3 P + ⏚	159 to 170	80.5	93	7.1 to 15.5
3 P + N + ⏚	179 to 190	89	100	8 to 20
LV 32 A				
2 P + ⏚	187 to 200	93	104	8 to 20
3 P + ⏚	187 to 200	93	104	8 to 20
3 P + N + ⏚	192 to 205	100	110.5	11.9 to 22.2

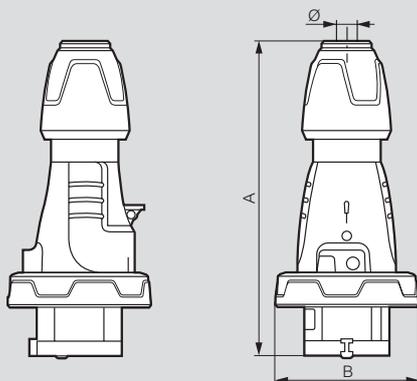# P 17 Tempra Pro IP 66/67 LV 16 and 32 A

straight plugs and appliance inlets (continued)

P 17 Tempra Pro IP 66/67 - LV 63 A

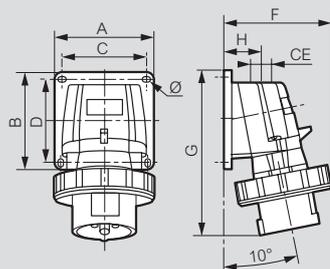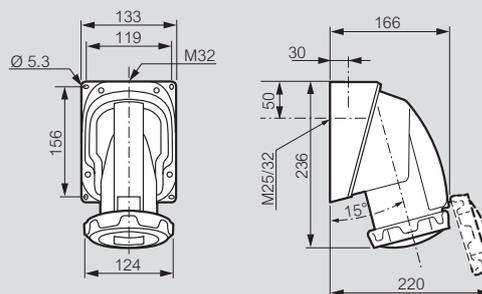**surface and panel mounting sockets and appliance inlets**

■ Dimensions

Straight plugs

	A	B	Ø
LV 16 A			
2 P + ⏚	146 to 157	72.5	6.5 to 14
3 P + ⏚	146 to 157	80.5	7.10 to 15.5
3 P + N + ⏚	163 to 176	89	8 to 20
LV 32 A			
2 P + ⏚	172 to 185	93	8 to 20
3 P + ⏚	172 to 185	93	8 to 20
3 P + N + ⏚	179 to 189	100	11.9 to 22.2

Appliance inlets

	Weight (kg)	A/B	C/D	F	G	H	CE	Ø
LV 16 A								
2 P + ⏚	0.188	84	72	87	126	34	M 20	4.3
3 P + ⏚	0.257	84	72	95	134	34	M 20	4.3
3 P + N + ⏚	0.297	84	72	100	141	34	M 20	4.3
LV 32 A								
2 P + ⏚	0.370	110	98	107	168	39	M 25	5.3
3 P + ⏚								
3 P + N + ⏚	0.413	110	98	113	168	39	M 25	5.3

■ Technical information

Terminal connection:
• Surface and panel mounting sockets - 63 A: max. 1 x 25 mm² rigid
• Appliance inlets: - 63 A: max. 1 x 16 mm² rigid
• Plugs and mobile sockets: 63 A: max. 1 x 16 mm² flexible
IP 66/67 according to BS EN 60529 and IEC 60529
IK 09 according to BS EN 62262 and IEC 62262
Material: plastic
Self-extinguishing: 850 °C (support of active parts) /
650 °C (plastic housing)
Temp. rating: - 25 °C to + 40 °C
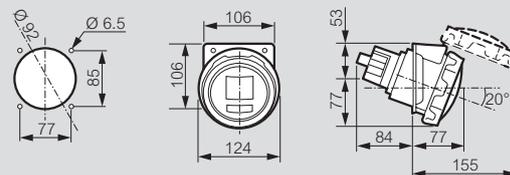Conform to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and
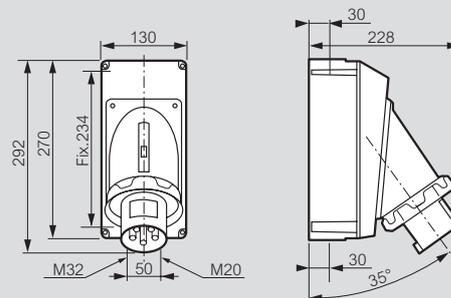IEC 60309-2

■ Dimensions

Surface mounting sockets

	Weight (kg)
3 P + ⏚	0.900
3 P + N + ⏚	0.950

Panel mounting sockets inclined outlet

	Weight (kg)
3 P + ⏚	0.710
3 P + N + ⏚	0.770

Appliance inlets

	Weight (kg)
3 P + ⏚	1.540
3 P + N + ⏚	1.610

P 17 Tempra Pro IP 66/67 - LV 125 A

surface and panel mounting sockets and appliance inlets

▪ Technical information

Terminal connection:
• Surface and panel mounting sockets
125 A: max. 1 x 70 mm² rigid
• Plugs, mobile sockets:
125 A: max. 1 x 50 mm² flexible
• Appliance inlets:
125 A: max. 1 x 16 mm² rigid - 125 A: max. 1 x 50 mm² rigid
IP 66/67 according to BS EN 60529 and IEC 60529
IK 09 according to BS EN 62262 and IEC 62262

Material: polyamide 6

All plugs and sockets in the IP 44 and IP 66/67/69 P17 Tempra Pro range, as well as combined units, are tested and comply with IEC 60309 1 & 2 standards. These relate to the flammability test method called the incandescent wire test which is used to check that the exposure of electrical equipment insulation to intense heat will not cause uncontrolled ignition, and that the material extinguishes itself once removed from the heat source.

Self-extinguishing:
850 °C (support of active parts) /
650 °C (plastic housing)

The P17 range is tested at Legrand laboratories using the following standards relating to self-extinguishable products:
• IEC 60695-2-10: standard covering test equipment
• IEC 60695-2-11: standard covering products
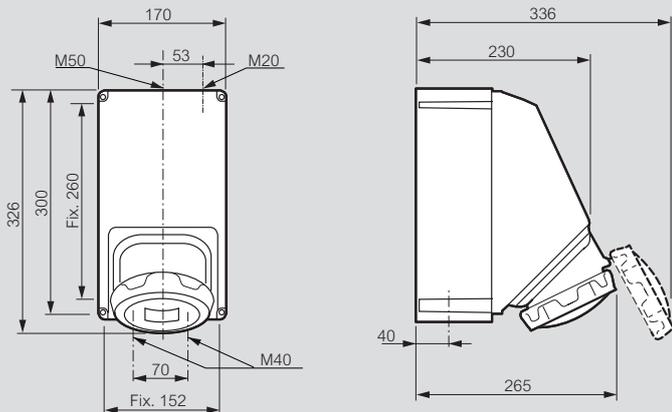• IEC 60695-2-12: standard covering material specimens

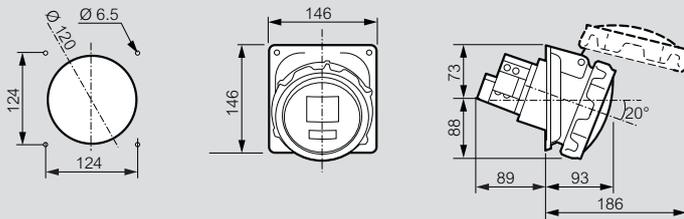Temp. rating: - 25 °C to + 40 °C according to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2

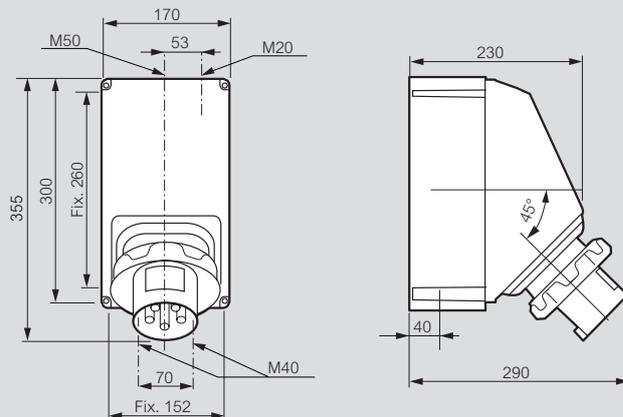Conform to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2

▪ Dimensions

Surface mounting sockets

Panel mounting sockets inclined outlet
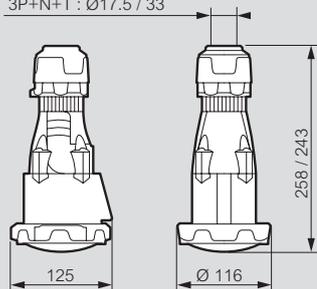

Appliance inlets

P 17 Tempra Pro IP 66/67/69 – LV 63 and 125 A

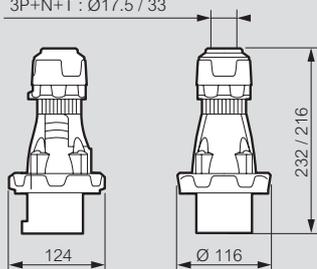**mobile sockets and straight plugs**

■ Dimensions LV 63 A

Mobile sockets

2P+T : Ø14.1 / 27.6
3P+T : Ø15.7 / 30.1
3P+N+T : Ø17.5 / 33

258 / 243

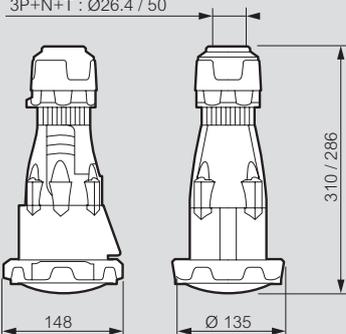125   Ø 116

Straight plugs

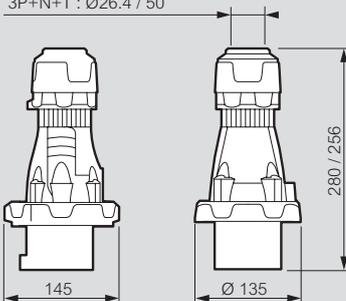2P+T : Ø14.1 / 27.6
3P+T : Ø15.7 / 30.1
3P+N+T : Ø17.5 / 33

232 / 216

124   Ø 116

■ Dimensions LV 125 A

Mobile sockets

3P+T : Ø23.8 / 47.5
3P+N+T : Ø26.4 / 50

310 / 286

148   Ø 135

Straight plugs

3P+T : Ø23.8 / 47.5
3P+N+T : Ø26.4 / 50

280 / 256

145   Ø 135

Hypra® and P17®
safe, secure connections

Hypra®

Tough and durable combination units available with Hypra Prisinter or panel mounting sockets.

- Lockable transparent window - for security and instant monitoring of protection device status
- Captive, stainless steel external screws - for added durability
- Off load connection and disconnection on Prisinter equipped versions - providing additional safety for users and circuits alike
- Choice of circuit protection - DIN rail mounted MCB, RCBO and RCD protection options

Lockable transparent window for security and instant monitoring of protection device status

Prisinter sockets offer a unique interlocked load break

TECHNICAL DATA

APPROVALS:
BS EN 60309-1, BS EN 60309-2,
BS EN 60529 (IP), BS EN 62262 (IK)

PROTECTION:
IP44, IP66/67-55 and IP66/67 ranges available
IK09

SELF EXTINGUISHING:
850ºC for insulated parts
650ºC for housing

OPERATING TEMPERATURE:
Mechanical lock only -20ºC to +100ºC
with RCD -15ºC to +40ºC
with MCB -5ºC to +40ºC

Single socket units with switch

Single socket units with switch and MCB / RCD protection

Prisinter single socket units with RCBO protection

combination units...

P17 Tempra®

These combination units feature a unique plug-in design that enables the base to be wired independently of the cover, making installation both quicker and easier:

1. Fix the base on to the wall
2. Wire the protection device and the base socket connection independently of the cover
3. Close the combination unit and plug in

Double mechanical interlocking switch cannot be turned on unless a plug is inserted. Once switched on, the plug cannot then be removed until the switch is turned off

Units can be fitted with a variety of Legrand modular devices, including MCBs, RCDs, timers, contactors and indicators. Lid window allows instant monitoring of protection device status

TECHNICAL DATA

APPROVALS:
BS EN 60309-1, BS EN 60309-2,
BS EN 60529 (IP), BS EN 62262 (IK)

PROTECTION:
IP44, IP55 and IP66 ranges available
IK08

SELF EXTINGUISHING:
850ºC for insulated parts
650ºC for housing

OPERATING TEMPERATURE:
-20ºC to +100ºC without protection device
-15ºC to +40ºC with protection device

Interlocked switched sockets without protection

Interlocked switched sockets with DIN rail

Self assembly units

Hypra® IP 44 combination units – LV 16/32/63 A

plastic surface mounting

| 0592 03 | 0592 07 | 0592 83 | 0592 84 | 0592 24 |

Technical information and dimensions **p. 120-122**
Conformity to International Standards **p. 128**

Conform to BS EN 60309-1, BS EN 60309-2 and IEC 60309-1, IEC 60309-2
IP 44 conforms to BS EN 60529 and IEC 60529
IK 09 conforms to BS EN 62262 and IEC 62262
Temp. rating : –15 °C to +40 °C¹
RAL 7022

Single socket units with switch

Double mechanical interlock

Pack	Cat. Nos.		
	16 A	32 A	**100 to 130 V**∿
1	0592 00		2 P + ⏚
			200 to 250 V∿
1	0592 03	0592 43	2 P + ⏚
			380 to 415 V∿
1	0592 09	0592 49	3 P + ⏚
1	0592 16	0592 56	3 P + N + ⏚
	63 A		**380 to 415 V**∿
1	0592 34		3 P + ⏚
1	0592 35		3 P + N + ⏚

Single socket units protected by 30 mA RCBO

Transparent plastic hinged viewing window
Supplied complete with 16/32 A 30 mA RCBO
With 5 module DIN rail

Pack	Cat. Nos.		
	16 A	32 A	**200 to 250 V**∿ with RCBO
1	0592 07	0592 47	2 P + ⏚
			380 to 415 V∿ with RCBO
1	0592 14		3 P + ⏚
1	0592 19	0592 59	3 P + N + ⏚

Single socket units with switch and protected by 30 mA RCBO

Transparent plastic hinged viewing window
Supplied complete with 16/32 A 30 mA RCBO
With 6 module DIN rail

Pack	Cat. Nos.		
	16 A	32 A	**200 to 250 V**∿ with RCBO
1	0596 01	0596 05	2 P + ⏚
			380 to 415 V∿ with RCBO
1	0596 02	0596 07	3 P + ⏚
1	0596 03	0596 08	3 P + N + ⏚

Single socket units with switch and protected by RCD

Transparent plastic hinged viewing window
Supplied complete with RCD
With 6 module DIN rail

Pack	Cat. Nos.		
	63 A		**380 to 415 V**∿
1	0592 83		3 P + ⏚ with MCB + RCD add-on module
1	0592 84		3 P + N + ⏚ with RCD

Prisinter single socket units protected by 30 mA RCBO

Transparent plastic hinged viewing window
Cable glands are not supplied (ISO)
With 6 module DIN rail
IP 44 plug inserted
IP 55 lid closed or connected to an IP 66/67-55 angled plug

Pack	Cat. Nos.		
	16 A	32 A	**200 to 250 V**∿
1	0592 24		2 P + ⏚
			380 to 415 V∿
1		0592 28	3 P + ⏚
1		0592 29	3 P + N + ⏚

1 : Units with RCBO and some MCB protection devices have temperature ratings of –5 °C to +40 °C
   Switch only units and some MCBs have increased ratings -
   please contact us on +44 (0) 345 605 4333

Hypra IP 44 straight plugs
p. 90

Hypra IP 66/67-55 angled and straight plugs
p. 96

Hypra® IP 66/67-55 combination units - LV 16/32/63/125 A

plastic surface mounting

0592 65

0591 15

0596 61

Technical information and dimensions **p. 121-122**
Conformity to International Standards **p. 128**

Conform to BS EN 60309-1, BS EN 60309-2 and IEC 60309-1, IEC 60309-2
IP 66/67-55 for 16 and 32 A and to BS EN 60529 and IEC 60529 for 63 and 125 A
IK 09 conforms to BS EN 62262 and IEC 62262
Temp. rating : –15 °C to +40 °C[1]

Single socket units with switch

Pack	Cat. Nos.		
	16 A	**32 A**	Double mechanical interlock
1	0592 60	0592 63	**200 to 250 V**∿ 2 P + ⏚
1	0592 61	0592 64	**380 to 415 V**∿ 3 P + ⏚
1	0592 62	0592 65	3 P + N + ⏚
	63 A		
1	0592 66		**380 to 415 V**∿ 3 P + ⏚
1	0592 67		3 P + N + ⏚
	125 A		
1	0591 14[2]		**380 to 415 V**∿ 3 P + ⏚
1	0591 15[2]		3 P + N + ⏚

Single socket units with ⌐ rail only, or complete with MCB 16/32 A

Transparent plastic hinged viewing window
Cable glands are not supplied (ISO)
With 6 module DIN rail

Pack	Cat. Nos.		
	16 A	**32 A**	
1	0596 60		**100 to 130 V**∿ ⌐ rail only 2 P + ⏚
1	0596 61		**200 to 250 V**∿ with MCB 2 P + ⏚
1		0596 67	**380 to 415 V**∿ with MCB 3 P + ⏚
1		0596 68	3 P + N + ⏚

Single socket units with switch and protected by 30 mA RCBO or RCD

Transparent plastic hinged viewing window
Cable glands are not supplied (ISO)
With 6 module DIN rail

Pack	Cat. Nos.		
	16 A	**32 A**	
1	0596 51	0596 55	**200 to 250 V**∿ with RCBO 2 P + ⏚
1	0596 52	0596 57	**380 to 415 V**∿ with RCBO 3 P + ⏚
1	0596 53	0596 58	3 P + N + ⏚
	63 A		
1	0596 81		**380 to 415 V**∿ with RCD 3 P + N + ⏚

Protection devices
www.legrand.co.uk

1 : Units with RCBO and some MCB protection devices have temperature ratings of –5 °C to +40 °C
    Switch only units and some MCBs have increased ratings - contact us on +44 (0) 345 605 4333
2 : Interlocked using a Vistop switch - contact us on +44 (0) 345 605 4333

Hypra® IP 44 combination units – LV 16/32/63 A

plastic surface mounting

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■ **Technical information**

IP 44 conforms to BS EN 60529 and IEC 60529
IK 09 conforms to BS EN 62262 and IEC 62262
External screws in stainless steel - Nickel plated contacts
Icc 10 kA conforms to BS EN 60309-1, BS EN 60309-2 and
IEC 60309-1, IEC 60309-2
Self-extinguishing : 850 °C for insulated parts (650 °C for housing)
according to BS EN 60695-1, BS EN 60695-2, IEC 60695-1
and IEC 60695-2
IK 09
RAL 7022

Units with Prisinter :
• IP 44 plug connected conforms to BS EN 60529 and IEC 60529
• IP 55 with cover closed or used with IP 66/67-55 plug
• Breaking capacity conforms to BS EN 60947-1, BS EN 60947-3,
  IEC 60947-1 and IEC 60947-3 :

	16 A	**32 A**	**63 A**
AC1	16 A - 400 V∼	32 A - 400 V∼	63 A - 400 V∼
AC3	8·4 kW	16·8 kW	33 kW
AC23	8·4 kW	16·8 kW	33 kW

■ **Single socket units with switch** (p. 118)
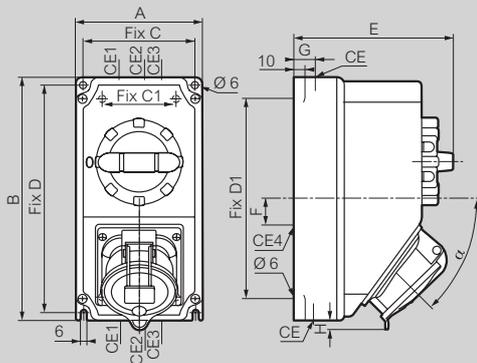
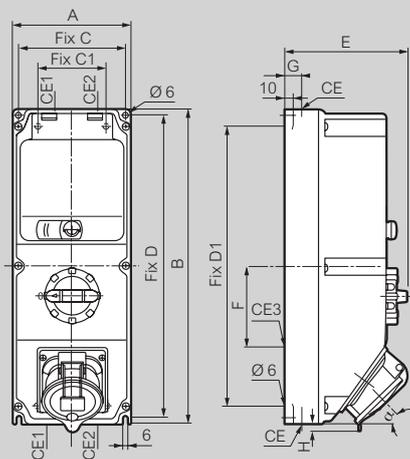|		Cat. Nos.			Dimensions (mm)											Knock-out entries for cable gland			
		110 to 130 V∼	200 to 250 V∼	380 to 415 V∼	A	B	C	D	C1	D1	E	F	G	H	α	CE1	CE2	CE3	CE4
16 A	2P+⏚	0592 00	0592 03		120	230	106	216	70	190	151	25	20	0	46°	M 20/25	–	M 20/25	Ø 29
	3P+⏚			0592 09										0					
	3P+N+⏚			0592 16										1·5					
32 A	2P+⏚		0592 43											9					
	3P+⏚			0592 49										9					
	3P+N+⏚			0592 56										10					
63 A	3P+⏚			0592 34	170	320	156	306	100	270	204	65	28	21·5	56°	M 20/25	M 25/32	M 20	Ø 38
	3P+N+⏚			0592 35															

Hypra® IP 44 combination units – LV 16/32/63 A

plastic surface mounting (continued)

■ **Single socket units protected by 30 mA RCBO and Prisinter single socket units protected by 30 mA RCBO** (p. 118)

		Cat. Nos.		Dimensions (mm)											Knock-out entries for cable gland			
		200 to 250 V∼	380 to 415 V∼	A	B	C	D	C1	D1	E	F	G	H	α	CE1	CE2	CE3	CE4
16 A	2P+⏚	0592 07								132			0					
	3P+⏚		0592 14							134			0					
	3P+N+⏚		0592 19	120	230	106	216	70	190	138	25	20	1·5	46°	M 20/25	–	M 20/25	Ø 29
32 A	2P+⏚	0592 47								145			9					
	3P+N+⏚		0592 59							148			10					
Prisinter 16 A	2P+⏚	0592 24		170	320	156	306	100	270	195	65	28	0	56°	M 20/25	M 25/32	M 20	Ø 38
Prisinter 32 A	3P+⏚		0592 28	170	320	156	306	100	270	206	65	28	0	56°	M 20/25	M 25/32	M 20	Ø 38
	3P+N+⏚		0592 29							214			0					

■ **Single socket units with switch and protected by 30 mA RCBO or RCD** (p. 118)

		Cat. Nos.		Dimensions (mm)											Knock-out entries for cable gland		
		200 to 250 V∼	380 to 415 V∼	A	B	C	D	C1	D1	E	F	G	H	α	CE1	CE2	CE3
Protected by 30 mA RCBO																	
16 A	2P+⏚	0596 01											0				
	3P+⏚		0596 02										0				
	3P+N+⏚		0596 03	140	370	126	356	74	330	151	95	20	1·5	46°	M 20/25	M 20/25	Ø 29
32 A	2P+⏚	0596 05											9				
	3P+⏚		0596 07										9				
	3P+N+⏚		0596 08										10				
Protected by RCD																	
63 A	3P+⏚		0596 83	160	470	146	456	90	420	204	125	28	20	56°	M 25/32	M 20/25	Ø 38
	3P+N+⏚		0596 84														

Hypra® IP 66/67-55 combination units – LV 16/32/63/125 A

plastic surface mounting

Technical information

IP 67 conforms to BS EN 60529 and IEC 60529
IK 09 conforms to BS EN 62262 and IEC 62262
External screws in stainless steel
Icc 10 kA conforms to BS EN 60309-1, BS EN 60309-2 and
IEC 60309-1, IEC 60309-2
Self-extinguishing : 850 °C for insulated parts (650 °C for housing)
according to BS EN 60695-1, BS EN 60695-2, IEC 60695-1
and IEC 60695-2

Connection and protection

Connecting socket bases

Cross section of cables inside the unit according to the current used :
Socket 16 A : 2·5 mm^2
Socket 32 A : 6 mm^2
Socket 63 A : 16 mm^2

Types of protection and number of modules

Upstream, Hypra equipped or to-be-equipped units can integrate,
according to catalogue numbers, modular protective devices of various
kinds :
Legrand MCBs, RCBOs and RCDs

NB : according to the required use, it is essential to check that the
protection against indirect contacts (residual current) and the protection
against overloads and short circuits (Legrand circuit breakers) are both
well covered

Caution : a residual current device (RCD) does not provide protection
against overloads and short circuits

Short circuit withstand : for the short circuit withstand of MCBs,
RCBOs and RCDs, refer to the performance pages for these products in
the relevant section of this catalogue

Ratings for units equipped with residual current device (RCD) :

Ratings	Sensitivity
16 A .... RCD 25 A	30 mA
32 A .... RCD 40 A	30 mA
63 A .... RCD 63 A	30 mA

Single socket units with switch (p. 119)

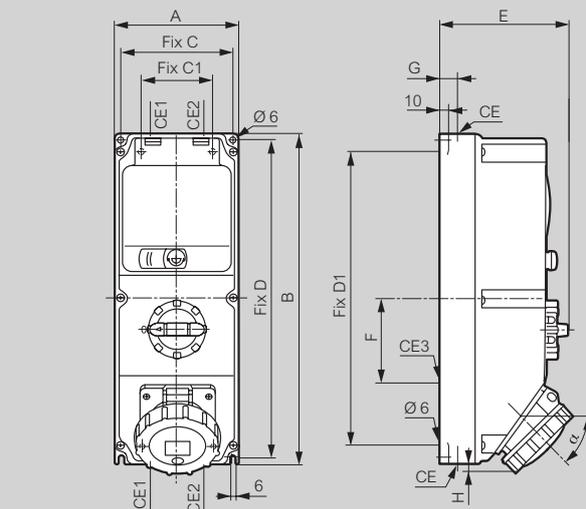|	Cat. Nos.		Dimensions (mm)												Knock-out entries for cable gland			
	200 to 250 V∿	380 to 415 V∿	A	B	C	D	C1	D1	E	F	G	H	α	CE1	CE2	CE3	CE4
16 A 2P+⏚	0592 60								151			0					
16 A 3P+⏚		0592 61							151			0					
16 A 3P+N+⏚		0592 62	120	230	106	216	70	190	151	25	20	2	46°	M20/M25	–	M20/M25	M25/Ø 29
32 A 2P+⏚	0592 63								152			8					
32 A 3P+⏚		0592 64							152			8					
32 A 3P+N+⏚		0592 65							152			12					
63 A 3P+⏚		0592 66	170	320	156	306	100	270	204	65	28	18	56°	M20/M25	M25/M32	M20	M25/Ø 38
63 A 3P+N+⏚		0592 67															

Single socket units with switch (continued) (p. 119)

Cat. Nos. 0591 14/15

125 A
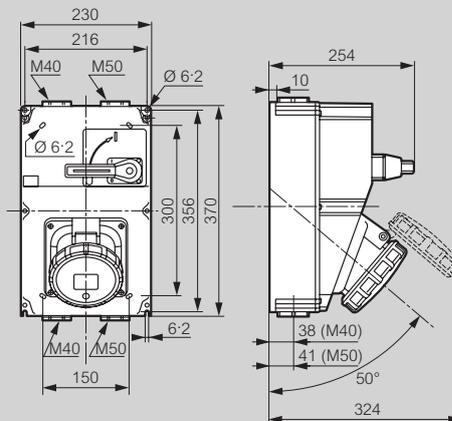
Single socket units with ⌐ rail or MCB / protected by 30 mA RCBO or RCD (p. 119)

	Cat. Nos.			Dimensions (mm)											Knock-out entries for cable gland		
	110 to 130 V∿	200 to 250 V∿	380 to 415 V∿	A	B	C	D	C1	D1	E	F	G	H	α	CE1	CE2	CE3
16 A 2P+⏚	0596 60	0596 61/51								151			0				
16 A 3P+⏚		0596 52								151			0				
16 A 3P+N+⏚			0596 53	140	370	126	356	74	330	151	95	20	2	46°	M20/M25	M20/M25	M25/Ø 29
32 A 2P+⏚		0596 55								152			8				
32 A 3P+⏚			0596 67/57							152			8				
32 A 3P+N+⏚			0596 68/58							156			12				
63 A 3P+N+⏚			0596 81	160	470	146	456	90	420	204	125	28	17	56°	M25/M32	M25/M32	M25/M38/Ø 38

L1 legrand

P 17 Tempra® combination units LV 16 to 63 A

plastic surface mounting

16-32 A INTERLOCKED SWITCHED SOCKETS

Conform to BS EN 60439-1 and IEC 60439-1 IP 44, IP 55, IP 66 according to BS EN 60529 and IEC 60529 IK 08 according to BS EN 62262 and IEC 62262 Supplied without cable glands Self-extinguishing: 650 °C			WITHOUT PROTECTION 125 x 220 mm				WITH DIN RAIL 125 x 280 mm			
			IP 44		IP 55		IP 44		IP 66	
			Pack	Cat. Nos.	Pack	Cat. Nos.	Pack	Cat. Nos.	Pack	Cat. Nos.
200 to 250 V~ 50/60 Hz	16 A	2 P + ⏚	1	0566 01	1	0566 21	1	0566 41	1	0566 61
	32 A	2 P + ⏚	1	0566 09	1	0566 29	1	0566 49	1	0566 69
380 to 415 V~ 50/60 Hz	16 A	3 P + ⏚	1	0566 05			1	0566 45	1	0566 65
		3 P + N + ⏚	1	0566 06	1	0566 26	1	0566 46	1	0566 66
	32 A	3 P + ⏚	1	0566 13	1	0566 33	1	0566 53	1	0566 73
		3 P + N + ⏚	1	0566 14	1	0566 34	1	0566 54	1	0566 74

63 A INTERLOCKED SWITCHED SOCKETS

Conform to BS EN 60439-1 and IEC 60439-1 IP 66 according to BS EN 60529 and IEC 60529 IK 08 according to BS EN 62262 and IEC 62262 Supplied without cable glands Self-extinguishing: 650 °C			WITH DIN RAIL IP 66	
			Pack	Cat. Nos.
380 to 415 V~ 50/60 Hz	63 A	3 P + N + ⏚	1	0572 99

110 V combination units available on request
Contact us on +44 (0) 345 605 4333

■ Technical information

Material: polyamide 6
All plugs and sockets in the IP 44 and IP 66/67/69 P17 Tempra Pro range, as well as combined units, are tested and comply with IEC 60309 1 & 2 standards. These relate to the flammability test method called the incandescent wire test which is used to check that the exposure of electrical equipment insulation to intense heat will not cause uncontrolled ignition, and that the material extinguishes itself once removed from the heat source.
Self-extinguishing:
850 °C (support of active parts) / 650 °C (plastic housing)
The P17 range is tested at Legrand laboratories using the following standards relating to self-extinguishable products:
• IEC 60695-2-10: standard covering test equipment
• IEC 60695-2-11: standard covering products
• IEC 60695-2-12: standard covering material specimens
Temp. rating: - 25 °C to + 40 °C according to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2
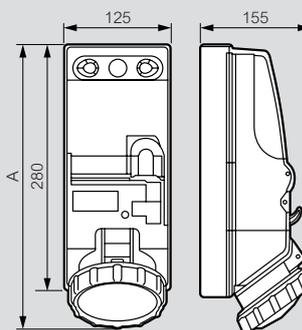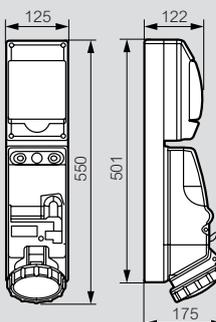
■ Dimensions

Without protection LV 16/32 A
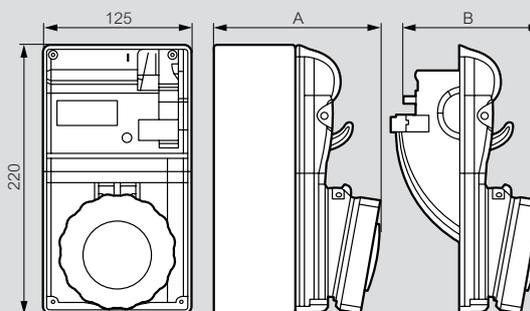
		IP 44 Cat. Nos.	Dimensions (mm)		IP 55 Cat. Nos.	Dimensions (mm)	
			A	B		A	B
LV 16 A	2 P + ⏚	0566 01	127	122	0566 21	133	128
	3 P + ⏚	0566 05	129	124			
	3 P + N + ⏚	0566 06	130	125	0566 26	135	130
LV 32 A	2 P + ⏚	0566 09	138	133	0566 29	143	138
	3 P + ⏚	0566 13	138	133	0566 33	143	138
	3 P + N + ⏚	0566 14	139	134	0566 34	144	139

With DIN rail LV 16/32 A

	A	
	IP 44	IP 66
LV 16 A	290	300
LV 32 A	295	310

LV 63 A

123

L⅃ **legrand**

P17 Tempra® self assembly combination units

IK 08 according to BS EN 62262 and IEC 62262 Self-extinguishing: 650 °C according to BS EN 60695-2-1 and IEC 60695-2-1 Max. IP 66	Example of combination unit configuration

Example of combination unit configuration

base **+** MCCBs, RCDs

base **+** faceplate **+** sockets **=** combination unit
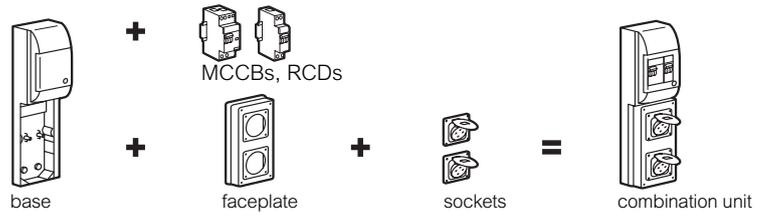
COMBINATION UNITS HEIGHT 220 MM TO 441 MM

BASES FOR 220 x 125 MM FACEPLATES - MAX IP 66

	Surface mounting box	Base up to 2 sockets 16 A	Base up to 4 sockets 16 A	Base up to 6 sockets 16 A
	220 x 125 mm[2]	371 x 125 mm[2] Rail 5 modules 17.5 mm	441 x 265 mm[2] Rail 12 modules 17.5 mm	441 x 405 mm[2] Rail 18 modules 17.5 mm
Pack / **Cat. No.**	1 / 0577 10	1 / 0589 38	1 / 0577 05[3]	1 / 0577 06[3]

220 X 125 MM FACEPLATES

	1 socket 16 or 32 A	2 sockets 16 A	1 socket 63 A	Blank plate
Pack / **Cat. No.**	5 / 0577 12	5 / 0577 13[1]	2 / 0577 17	5 / 0577 15

1 : Supplied with blanking plate
2 : External dimensions: H x W
3 : Can be used with wall mounting lugs Cat. No. 0019 69

■ Dimensions

Cable glands are not supplied
Entries to drill

Bases

Cat. No. 0589 38
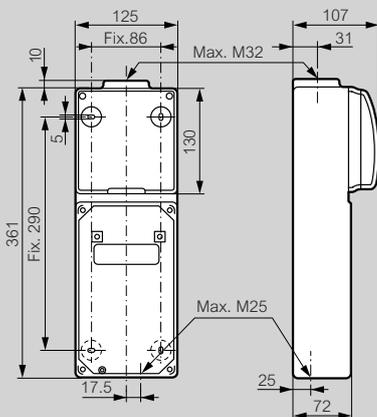
Cat. No. 0577 05
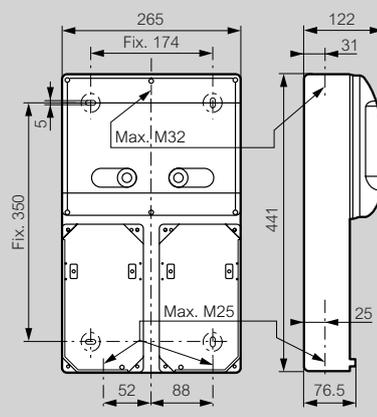
Cat. No. 0577 06
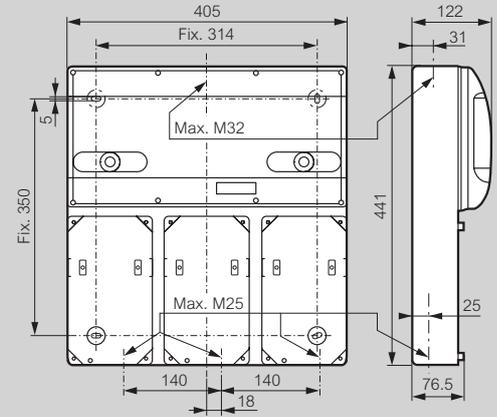
EXAMPLE OF SOCKETS

LV			IP 44	IP 66-67	
200/250 V~	16 A	2 P + ⏚	5551 84	5553 84	
	32 A	2 P + ⏚	5552 84	5554 84	
	63 A	2 P + ⏚	-	5555 84	
380/415 V~	16 A	3 P + ⏚	5551 88	5553 88	
		3 P + N + ⏚	5551 89	5553 89	
	32 A	3 P + ⏚	5552 88	5554 88	
		3 P + N + ⏚	5552 89	5554 89	
	63 A	3 P + ⏚	-	5555 88	
		3 P + N + ⏚	-	5555 89	

Examples of most common combinations with bases for 220 x 125 mm faceplates

Base	Total number of sockets on the base	Socket combination	Face plate according to socket intensity		
			16 A	**32 A**	**63 A**
0577 10 or 0589 38	1	1 x 16 A or 1 x 32 A or 1 x 63 A	0577 12	0577 12	0577 17
	2	2 x 16 A	0577 13	-	-
0577 05	2	2 x 16 A or 2 x 32 A or 2 x 63 A	0577 12 x 2	0577 12 x 2	0577 17 x 2
		1 x 16 A + 1 x 32 A	0577 12	0577 12	-
		1 x 16 or 32 A + 1 x 63 A	0577 12		0577 17
	3	3 x 16 A	0577 12 + 0577 13	-	-
		2 x 16 A + 1 x 32 A	0577 13	0577 12	-
		2 x 16 A + 1 x 63 A	0577 13	-	0577 17
	4	4 x 16 A	0577 13 x 2	-	-
0577 06	3	3 x 16 A or 3 x 32 A or 3 x 63 A	0577 12 x 3	0577 12 x 3	0577 17 x 3
		1 x 16 or 32 A + 2 x 63 A	0577 12		0577 17 x 2
		2 x 16 or 32 A + 1 x 63 A	0577 12 x 2		0577 17
	4	2 x 16 A + 1 x 32 A + 1 x 63 A	0577 13	0577 12	0577 17
		2 x 16 A + 2 x 32 A	0577 13	0577 12 x 2	-
		2 x 16 A + 2 x 63 A	0577 13	-	0577 17 x 2
	5	4 x 16 A + 1 x 32 A	0577 13 x 2	0577 12	-
		4 x 16 A + 1 x 63 A	0577 13 x 2	-	0577 17
	6	16 A	0577 13 X 3	-	-

▪ Dimensions (continued)

Surface mounting boxes
Cat. No. 0577 10

125
Fix.86
76.5
31
max. M32
Fix. 95
5
220
max. M25
18
25
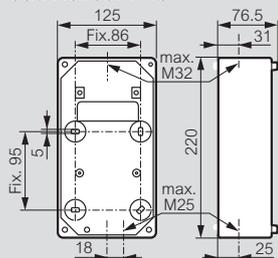
Clang® trailer plugs and sockets

heavy duty extra low voltage

CT6896 CT6936 CT6937/H CT6870 CT6877

CT6859 CT6860 CT6878 CT6745 CT6744

7 pin types conform to :
ISO 1185 for normal connectors (black interior)
ISO 3731 for supplementary connectors (white interior)

Pack	Cat. Nos.	**Heavy duty 24 volt connectors**
		7 pin type[1] with black interior
		Unique nickel plated brass pins and socket tubes with beryllium copper circlips that provide exceptional performance
10	CT6895	Normal ISO socket with male connection
10	CT6896	Normal ISO plug with female connection
10	CT6896/H	Normal ISO plug with hook, female connection
		7 pin type[1] with white interior
10	CT6936	Supplementary ISO socket with male connection
10	CT6937	Supplementary ISO plug with female connection
10	CT6937/H	Supplementary ISO plug with hook, female connection
		10 pin type[1]
10	CT6859	Socket with male connection
10	CT6860	Plug with female connection
10	CT6860/H	Plug with hook, female connection

Pack	Cat. Nos.	**Heavy duty 24 volt connectors (continued)**
		3 pin 25 A continuous rated[1]
		(45 A intermittently)
		Brass pins and socket tubes Designed for tail lift applications
10	CT6870	Socket with male connection
		Single pin 300 A continuous rated ≤ 3 hours[1]
		(400 A intermittently)
		Silver plated pins and socket tubes accept single core cables which are sweated into the plug and socket Designed for battery charging or vehicle starting
10	CT6877	Socket with male connection (supply)
10	CT6880	Socket with female connection (return)
10	CT6878	Plug with female connection (supply)
10	CT6879	Plug with male connection (return)
1	CTTC10203	Set comprising : 1 x CT6877 + 1 x CT6878
1	CTTC10204	Set comprising : 1 x CT6880 + 1 x CT6879

Pack	Cat. Nos.	**Auxiliary 24 volt connectors**
		3 pin small 5 A continuous rated[2]
		Brass pins and socket tubes Designed for trailer lighting and heating applications
1	CT6745	Socket with female connection
1	CT6744	Plug with male connection

Pack	Cat. Nos.	**Accessories**
10	CT6853	Dust cover
10	CT6764	Dust cover (boot) for rear protection of socket Can be used with 7, 10 and 3 pin heavy duty connectors
10	CT6881	Parking bracket for plug Can be used with 7 and 3 pin heavy duty connectors
10	CT6878A	Spare interior for Cat. No. CT6878

1 : Zinc based alloy case with a zinc and trivalent chromium passivation finish providing a high degree of corrosion protection that exceeds the required salt spray tests
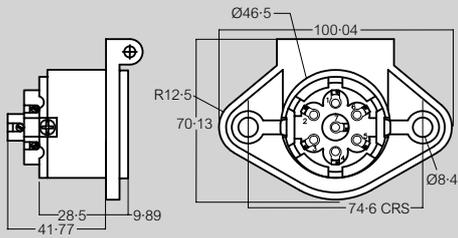2 : Brass case with nickel plated finish for maximum corrosion protection

Clang® trailer plugs and sockets
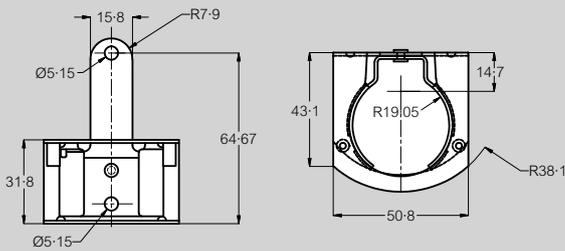### heavy duty 24 volt connectors
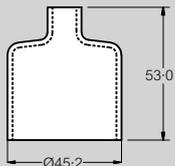
■ Dimensions (mm)
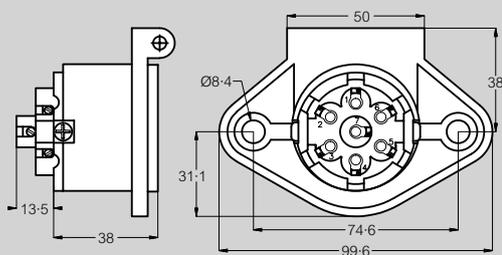### 7 pin type with black interior
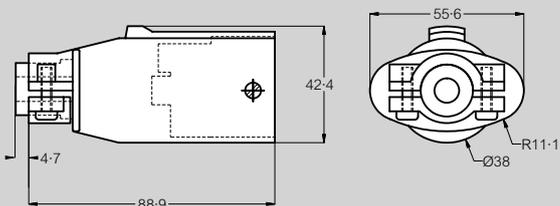Cat. No. CT6895

Cat. No. CT6881

Cat. No. CT6764
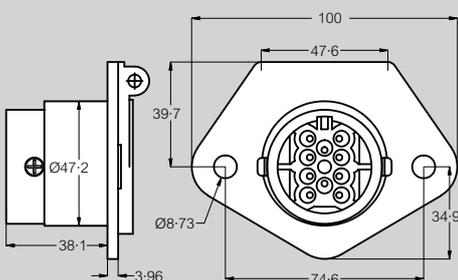
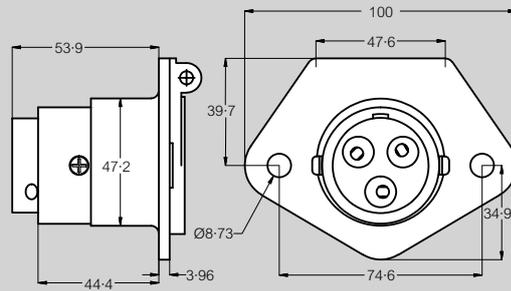### 7 pin type with white interior
Cat. No. CT6936
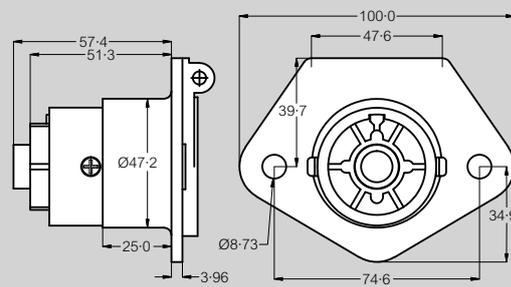
Cat. No. CT6937

10 pin type
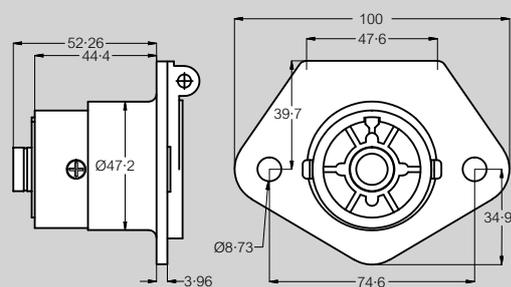Cat. No. CT6859

3 pin 25 A continuous rated
Cat. No. CT6870
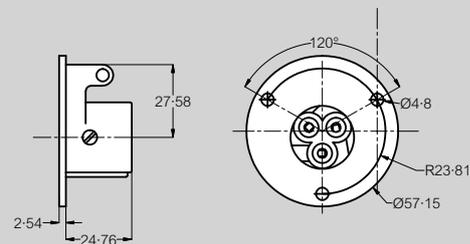
Single pin 300 A continuous rated
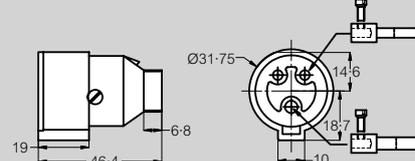Cat. No. CT6877

Cat. No. CT6880

■ Auxiliary 24 volt connectors
3 pin small 5 A continuous rated
Cat. No. CT6745

Cat. No. CT6744

L1 legrand

industrial plugs and sockets to International Standards

Conform to BS EN 60309-1, BS EN 60309-2, IEC 60309-1 and IEC 60309-2

■ **Voltage identification**
Colours specified by standards and the clock indexing of the contact tubes in socket outlets

■ **With Legrand Hypra and P 17 Tempra industrial plugs and sockets, your installations will comply fully with international standards :**
• Standard IEC 60309-1 : this defines the safety regulations (protection of workers) which should be observed in the manufacture of industrial power sockets and plugs
• Standard IEC 60309-2 : this defines the interchangeability regulations for the dimensions of equipment with pins and sockets

These safety regulations, together with the requirements of standard BS EN 60309-1, define the safety conditions necessary for normal operation.
It is prudent to go one step further and insist on equipment which ensures the safety of the persons as a priority as well as ease of operation.
Many manufacturers therefore use sockets which incorporate a switch, to avoid on-load disconnection (eg : Hypra Prisinter).
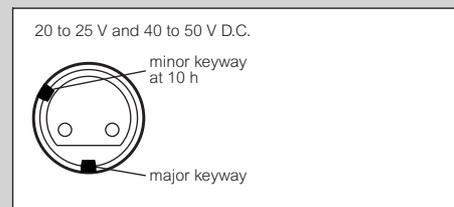
ELV by position of the minor keyway
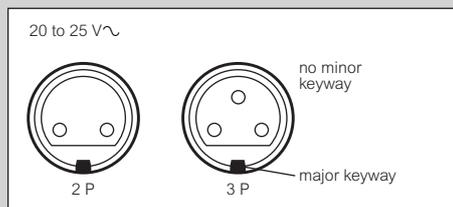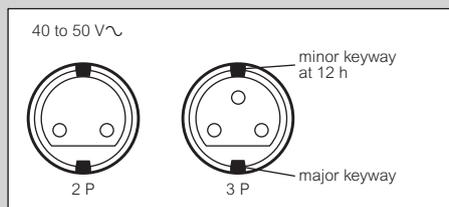
LV by the position of the earth contact tube in relation to the major keyway in the socket outlets
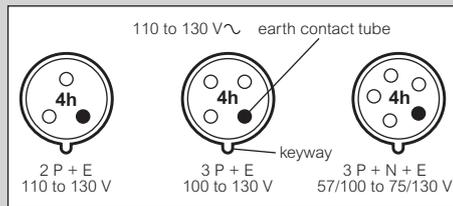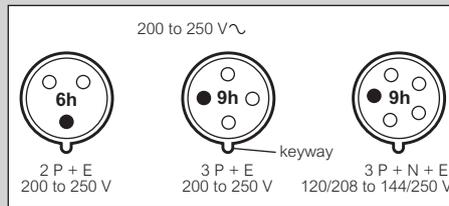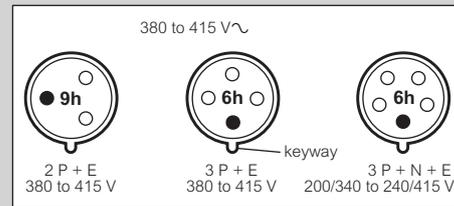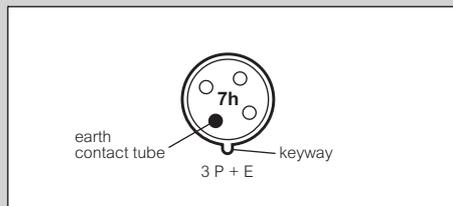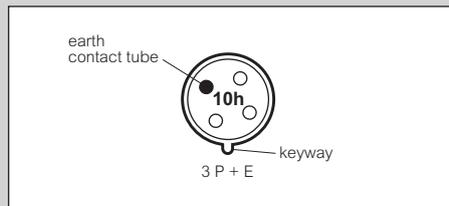
■ **Terminal connection capacity, Prisinter rating and contact sizes**

• Terminal connection capacity

	Hypra/P 17 Tempra
ELV 16/32 A	1 x 10 mm (A + B)
LV 16 A	1 x 4 mm (A) 1 x 2·5 mm (B)
LV 32 A	1 x 10 mm (A) 1 x 6 mm (B)
LV 63 A	1 x 25 mm (A) 1 x 16 mm (B)
LV 125 A	1 x 70 mm (A) 1 x 50 mm (B)

(A) Panel mounting sockets
(B) Mobile sockets and plugs

• Hypra Prisinter breaking capacity for 3 x 400 V according to IEC 60947-1-3

Category	16 A	32 A	63 A
AC 1	16 A	32 A	63 A
AC 23	8·4 kW	16·8 kW	33 kW
AC 3	8·4 kW	16·8 kW	33 kW

• Diameters of pins or contact tubes (mm)

		16 A	32 A	63 A	125 A
24 V / 42 V / 42 V	Phase	6	6	–	–
110 V / 230 V / 400 V / 440 V / 500 V	Phase + Neutral	5	6	8	10
	Earth	7	8	10	12
	Pilot	–	–	6	6

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11	–	13	–	07	–	07	–	87	–	16	–	33	–
12	–	14	–	08	–	19	43	88	–	17	–	34	–
13	–	15	–	09	–	30	42	89	–	18	–	35	–
17	–	16	–	10	–	31	–	90	–	19	–	36	–
18	–	17	–	11	–	33	43	95	–	20	–	37	–
19	–	0371 00	52	12	–	34	–	96	–	21	–	38	–
20	–	01	–	20	–	35	42	0376 06	78	22	–	39	–
21	–	02	–	21	–	37	43	08	–	23	–	70	–
25	–	03	–	40	–	38	–	09	–	24	–	71	–
26	–	04	–	41	–	39	24	10	–	25	–	72	–
27	–	05	–	42	–	47	42	39	–	26	–	73	–
28	–	07	–	43	–	0375 01	58	41	–	27	–	74	–
29	–	08	–	44	–	02	–	42	–	28	–	75	–
30	–	09	–	46	–	04	–	43	–	29	–	76	–
31	–	20	–	47	–	05	–	44	–	30	–	80	–
32	–	21	–	54	57	07	–	45	–	31	–	81	–
33	–	30	–	55	–	10	–	46	79	32	–	82	–
36	–	31	–	56	–	11	–	47	–	33	–	83	–
37	–	51	52, 53	60	56	12	–	48	–	34	–	84	–
38	–	52	–	61	–	13	–	50	78	35	–	85	–
39	–	60	52	62	–	24	59	60	–	40	–	86	–
40	–	61	–	63	–	25	–	61	–	41	–	90	–
41	–	62	–	64	–	27	–	62	–	42	–	91	–
42	–	63	–	67	–	30	–	63	–	43	–	92	–
43	–	0371 64	52	68	–	31	–	64	–	44	–	93	–
44	–	65	–	69	–	32	–	66	–	60	70	94	–
45	–	66	–	70	–	34	–	67	–	61	–	95	–
46	–	67	–	71	–	35	–	68	–	62	–	96	–
47	–	68	–	72	–	40	–	69	–	63	–	0383 00	71
48	–	69	–	73	–	42	–	70	–	0382 00	72	01	–
49	–	70	–	74	–	44	–	71	–	10	71	02	–
50	–	71	–	79	–	46	–	87	–	11	–	03	–
51	–	72	–	80	57	47	–	88	–	12	–	04	–
55	–	73	–	81	–	50	58	89	–	13	–	05	–
56	–	74	–	82	–	51	–	90	–	14	–	06	–
57	–	75	–	83	–	52	–	92	–	15	–	07	–
59	–	76	–	84	–	53	–	97	–	16	–	08	–
60	–	77	–	85	–	54	–	0381 00	71	17	–	09	–
62	–	78	–	86	–	55	–	01	–	18	–	10	–
64	–	79	–	0373 08	42	56	–	02	–	19	–	11	–
68	–	80	53	60	24, 43	57	–	03	–	20	–	12	–
72	–	81	–	61	–	60	–	04	–	21	–	13	–
74	–	82	–	62	–	61	–	05	–	22	–	14	–
75	–	83	–	65	–	62	–	06	–	23	–	15	–
76	–	84	–	88	–	63	–	07	–	24	–	16	–
77	–	85	–	89	–	65	59	08	–	25	–	17	–
78	–	86	–	95	42	66	–	09	–	26	–	18	–
79	–	87	–	96	43	67	–	10	–	27	–	19	–
80	–	0372 00	56	98	–	68	–	11	–	28	–	20	–
81	–	01	–	0374 00	42	69	–	12	–	29	–	21	–
0370 10	46	02	–	02	24	82	–	13	–	30	–	22	–
11	–	03	–	03	42	85	–	14	–	31	–	23	–

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30	–	94	–	26	–	13	–	90	92, 98	74	–	37	–
31	–	95	–	30	–	14	–	0530 06	98	0568 03	109	38	–
32	–	96	–	31	–	19	91	10	–	07	–	47	–
33	–	97	–	46	–	20	–	11	–	08	–	48	–
34	–	0384 90	72	50	–	23	–	46	–	23	–	87	–
35	–	91	–	51	–	24	–	50	–	27	–	88	–
36	–	92	–	55	–	29	91, 97	51	–	28	–	0595 02	98
37	–	0390 10	65	56	–	33	91	56	–	0572 99	123	03	–
38	–	11	–	60	–	34	–	60	–	0573 54	108	12	–
39	–	13	–	61	–	39	–	61	–	58	–	13	–
40	–	14	–	75	–	43	–	76	–	59	–	22	–
41	–	15	–	76	–	44	–	80	–	84	–	23	–
42	–	17	–	80	–	49	84	81	–	88	–	32	–
43	–	18	–	81	–	59	85	0536 03	85	89	–	33	–
44	–	31	66	0519 10	84	83	91	04	–	0580 54	108	0596 01	118
45	–	32	–	20	91	84	–	99	92	58	–	02	–
46	–	33	–	30	–	89	91, 97	0537 24	92	59	–	03	–
47	–	34	–	40	–	0524 01	91	49	85	0582 84	108	05	–
48	–	71	–	70	–	05	–	73	92	88	–	07	–
49	–	72	–	80	–	19	–	74	–	89	–	08	–
50	–	73	–	0520 02	84	21	–	0538 00	85	0589 18	123	51	119
51	–	74	–	03	–	25	–	01	–	38	124	52	–
52	–	0394 46	65	04	–	61	–	09	–	0591 14	119	53	–
53	–	47	–	18	91	0527 02	85	23	92	15	–	55	–
54	–	49	24, 58	19	–	03	–	24	–	0592 00	118	57	–
55	–	77	66	22	–	18	92	33	–	03	–	58	–
60	–	78	–	23	–	19	–	34	–	07	–	60	–
61	–	86	–	24	–	32	–	43	–	09	–	61	–
62	–	88	–	29	91, 97	33	–	44	–	14	–	67	–
63	–	89	–	32	91	42	–	83	–	16	–	68	–
64	–	0395 00	70	33	–	43	–	84	–	19	–	81	–
65	–	01	–	34	–	82	–	0566 01	123	24	–		
66	–	02	–	42	–	83	–	05	–	28	–		
67	–	05	–	43	–	99	92, 108	06	–	29	–	**0900 00**	
68	–	06	–	44	–	0528 72	92	09	–	34	–		
69	–	09	–	49	84	73	–	13	–	35	–	0920 01	35
70	–	10	–	59	–	74	–	14	–	43	–	02	–
71	–	15	–	73	91	0529 03	85	21	–	47	–	05	–
72	–	16	–	82	–	04	–	26	–	49	–	11	36
73	–	19	–	83	–	13	–	29	–	56	–	12	35
74	–	20	–	84	–	14	–	33	–	59	–	14	–
75	–	21	–	89	91, 97	19	92	34	–	60	119	20	36
76	–	96	58	0521 01	108	20	–	41	–	61	–	22	35
77	–	97	–	25	91, 108	33	–	45	–	62	–	24	–
78	–	98	46, 58, 70	26	91, 108	34	–	46	–	63	–	32	36
79	–			27	91, 92, 108	39	–	49	–	64	–	42	–
80	–			72	91	40	92, 98	53	–	65	–	0921 22	38
81	–	**0500 00**		73	–	43	92	54	–	66	–	0922 84	38
82	–			74	–	44	–	61	–	67	–	0980 03	31
83	–	0511 06	97	96	84	49	85	65	–	83	118		
84	–	10	–			59	84	66	–	84	–		

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4018 53	31	58	–	89	–	03	–		
		59	–	5555 04	109	05	–		
5000 00		81	–	05	–	06	–		
		84	–	06	–	07	–		
5551 01	108	85	–	08	–	08	–		
02	–	86	–	09	–	09	–		
04	–	88	–	14	–	11	–		
05	–	89	–	18	–	12	–		
06	–	5553 01	109	19	–	13	–		
07	–	04	–	24	–	14	–		
08	–	05	–	25	–	15	–		
09	–	06	–	26	–	16	–		
21	–	08	–	28	–	17	–		
22	–	09	–	29	–	18	–		
24	–	21	–	54	–	19	–		
25	–	24	–	55	–	20	–		
26	–	25	–	56	–	21	–		
27	–	26	–	58	–	22	–		
28	–	28	–	59	–	23	–		
29	–	29	–	84	–	25	–		
51	–	51	–	85	–	90	–		
52	–	54	–	86	–	95	–		
54	–	55	–	88	–	6362 02	46		
55	–	56	–	89	–	07	–		
56	–	58	–	5556 08	109	12	–		
57	–	59	–	09	–	13	–		
58	–	81	–	18	–	17	–		
59	–	84	–	19	–	25	–		
81	–	85	–	28	–				
84	–	86	–	29	–	**CT00 00**			
85	–	88	–	58	–				
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88	–	5554 14	109	88	–	45	–		
89	–	15	–	89	–	64	–		
5552 11	108	16	–			68 59	–		
14	–	18	–			68 60	–		
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16	–	31	–			68 70	–		
17	–	34	–	6019 32	31	68 71	–		
18	–	35	–	74	–	68 77	–		
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34	–	39	–	81	–	68 80	–		
35	–	51	–	82	–	68 81	–		
36	–	54	–	83	–	68 95	–		
37	–	55	–	85	–	68 96	–		
38	–	56	–	86	–	68 96/H	–		
39	–	58	–	87	–	69 36	–		
51	–	59	–	88	–	69 37	–		
54	–	84	–	6360 95	46	69 37/H	–		
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				6361 00	46				

Protection classifications

Protection against solid bodies and liquids : Index of protection - IP xx

Degree of protection of enclosures of electrical equipment in accordance with standards
IEC 60529, BS EN 60529
Up to 1 000 V$\sim$ and 1 500 V$_=$

1st digit: protection against solid bodies			Additional letter IP XX (ABCD): protection against direct contact resulting from the access to hazardous current-carrying parts			2nd digit: protection against liquids		
IP	**tests**		**IP**	**tests**	**protection**	**IP**	**tests**	
0		No protection				**0**		No protection
1	Ø 50 mm	Protected against solid bodies larger than 50 mm	**A**	Ø 50 mm / d	The back of the hand remains remote from dangerous parts	**1**		Protected against vertically-falling drops of water (condensation)
2	Ø 12.5 mm	Protected against solid bodies larger than 12.5 mm	**B**	12 mm	The dangerous parts can not be touched when introducing a finger	**2**	15°	Protected against drops of water falling at up to 15° from the vertical
3	Ø 2.5 mm	Protected against solid bodies larger than 2.5 mm	**C**		The dangerous parts can not be touched when introducing a tool (eg a screwdriver)	**3**	60°	Protected against drops of rain water at up to 60° from the vertical
4	Ø 1 mm	Protected against solid bodies larger than 1 mm	**D**		The dangerous parts cannot be touched when introducing a wire	**4**		Protected against projections of water from all directions
5		Protected against dust (no harmful deposit)				**5**		Protected against jets of water from all directions
6		Completely protected against dust				**6**		Protected against jets of water of similar force to heavy seas
						7	1 m / 15 cm mini	Protected against the effects of immersion
						8	m	Protected against prolonged effects of immersion under pressure
						9 9K[1]		Protected against high pressure and temperature water jets

Legrand appliances for domestic applications, once installed, have a degree of protection IP equal to or greater than IP 2XC
1 : In accordance to ISO 20653

Protection against mechanical impact : Index of protection - IK

According to standards IEC 62262 and BS EN 62262

IK	Tests	Impact energy (in Joules)
IK 00		0
IK 01	0.2 kg / 75 mm	0.15
IK 02	0.2 kg / 100 mm	0.2
IK 03	0.2 kg / 175 mm	0.35
IK 04	0.2 kg / 250 mm	0.5
IK 05	0.2 kg / 350 mm	0.7
IK 06	0.5 kg / 200 mm	1
IK 07	0.5 kg / 400 mm	2
IK 08	1.7 kg / 295 mm	5
IK 09	5 kg / 200 mm	10
IK 10	5 kg / 400 mm	20

A product previously classed as IP xx-7 can be assumed to fulfill the conditions of an IP xx - IK 08

This table can be used to ascertain the resistance of a product to an impact given in Joules from the IK code (graduated from 00 to 10).
It can also be used to ascertain the correspondence with the old IP code 3rd digit and the corresponding external "Ag" conditions.

The contents of the Protection Classifications charts are for guidance only. If you have any doubt as to the interpretation of the information contained therein, please refer either to the standard itself or contact Legrand.

Health and Safety at Work, etc. Act. 1974

Statement to Purchasers and Prospective Purchasers

1. Section 6 of this Act provides that manufacturers, designers, importers or suppliers of articles for use at work have a duty to ensure so far as is reasonably practical, that the article will be safe and without risk to health when properly used. An article is not regarded as being 'properly used' if it is used without regard to any relevant information or advice relating to its use made available by the manufacturer, designer, importer or supplier.

2. With regard to these provisions the following is given as a guide to the information which is readily available to you. This information relates to those products detailed in our catalogue(s) or associated literature or may be obtained by specific request to the Company.

3. All products should be installed and maintained in accordance with good engineering practice and relevant British or other applicable standards, regulations for the installation of equipment by the Institute of Electrical Engineers or any other applicable Codes of Practice.

Health and Safety at Work Act

The Electricity at Work Regulations, 1989

1. All installations and maintenance should be carried out within the provision of the above Act and by persons so qualified as defined in the Act.

2. Information and advice on the suitability of our products can be obtained from Legrand Electric Limited on specific request.

For information concerning wiring device standards outside the UK contact :

BSI

Customer Services

09:00 to 17:00 – Monday to Friday

Tel : +44 (0) 20 8996 9001

Fax : +44 (0) 20 8996 7001

Email : cservices@bsi-global.com

$C \in$ marking appears on electrical or electronic products from Legrand and enables the circulation of goods outside the UK.

Conditions of sale
Please consult our current price list

voltimum

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