

# ON-DESK

power and data for  
modern workspaces



## ON-DESK RANGE BRINGS POWER, DATA AND RAPID USB CHARGING TO THE MODERN WORKSTATION

With clean lines and a stylish aluminium and mirror white finish, Electrak on-desk's ergonomic design blends in perfectly with contemporary office design schemes and enhances the functionality of the desk space.



# Tailored to your requirements

Configuring on-desk modules to your exact requirements couldn't be simpler. Select any combination of power sockets and USB charging modules, and further enhance functionality with plug and play data solutions or Euro modules. Legrand's modular wiring accessories, including a range of AV solutions, can also be incorporated.

Putting 'personal' back into desk power and data... Intersoc on-desk can be tailored to the demands of any workstation



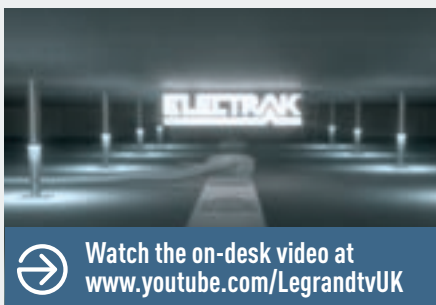
## RAPID USB CHARGING

Intelligent twin USB A charging modules offer rapid charging for two devices at the same time. Please contact us for USB C and USB C PD charging options with capabilities to charge devices up to 20 V.



## HIGH PERFORMANCE DATA

On-desk offers plug and play CAT 5e and CAT 6 data options or CAT 6A keystone jack modules for higher performance. Euro module options are also available to accommodate a customer's specific data requirements. The innovative design of Intersoc on-desk enables data cables to neatly feed through the rear of the unit (see below).



Watch the on-desk video at [www.youtube.com/LegrandtvUK](http://www.youtube.com/LegrandtvUK)

The entire Electrak system is powered by a reliable busbar backbone, from powertrack right through to on-desk modules.



Power is fed to the on-desk unit via a choice of 13 A pre-wired plug, GST connector or an Intersoc-R under-desk connector.



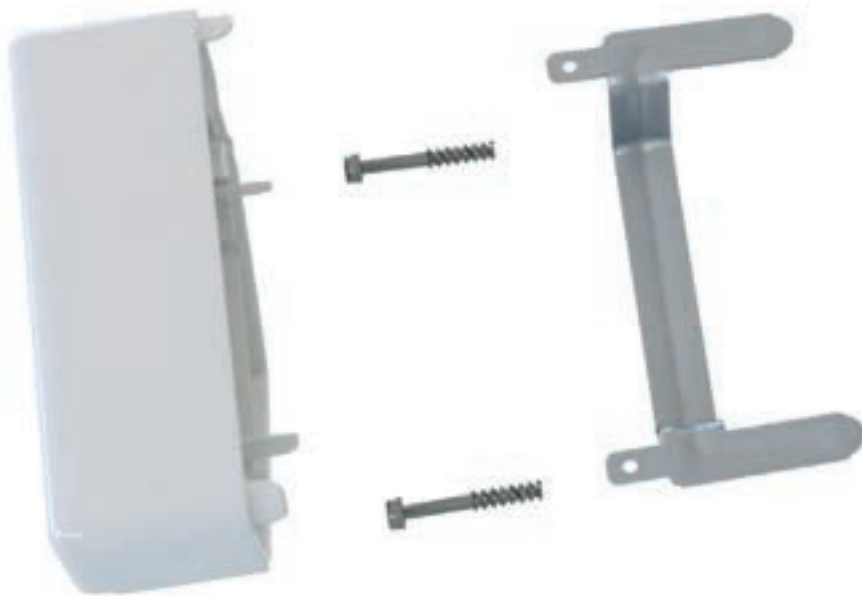
CAT 5e and CAT 6 data outlets are fed neatly from the rear of the unit via simple RJ45 connection (patch leads not supplied).


# RELIABLE DESKTOP CONNECTIVITY

CAT 5e / 6 / 6A  
RJ45 outlets

ON-DESK...  
DELIVERING POWER,  
DATA AND RAPID USB  
CHARGING TO THE  
MODERN WORKPLACE

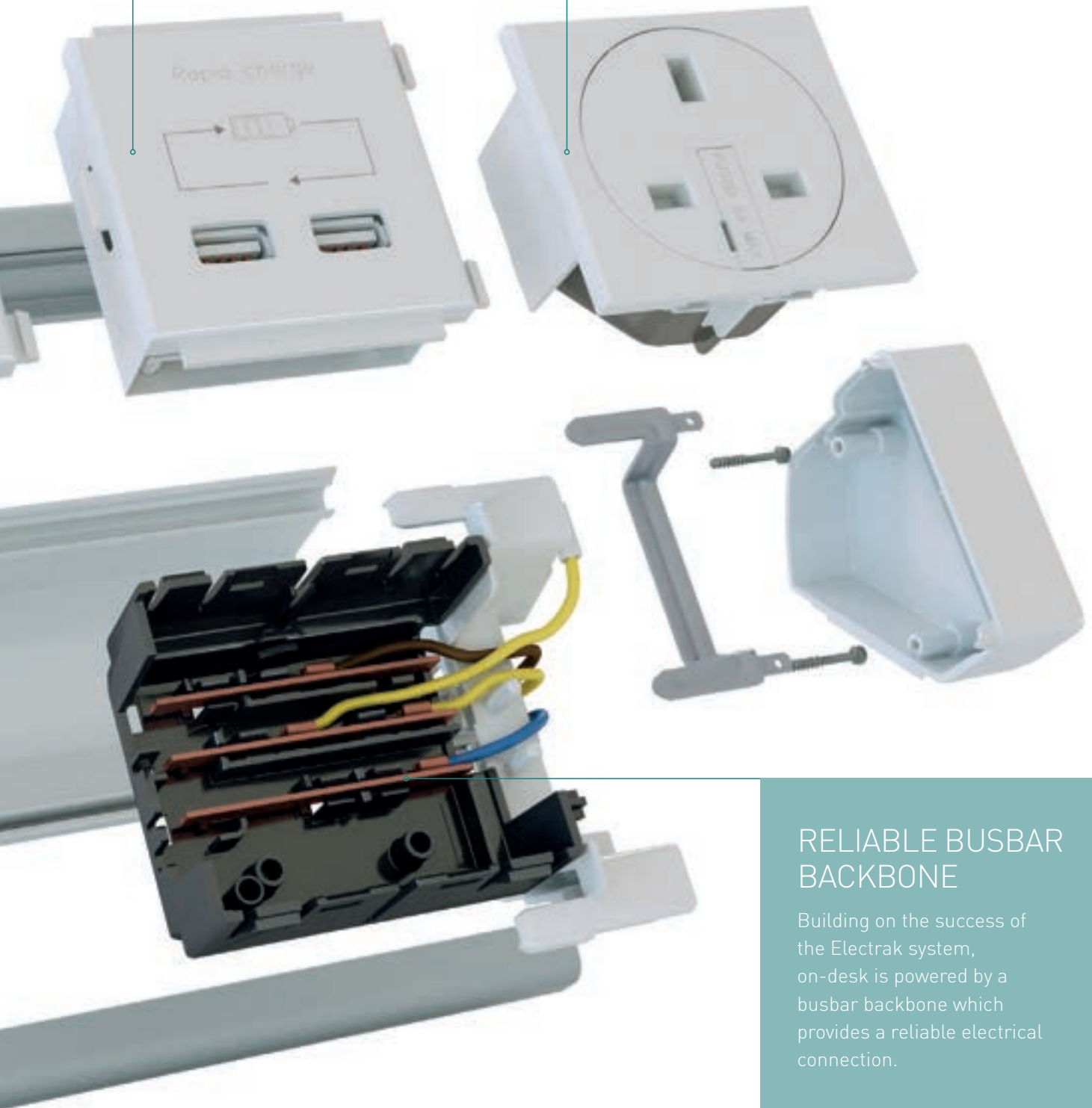
The fast pace of modern work practices combined with the need for instant connectivity is placing an ever greater reliance on the use of multiple devices, whether it be at our workstation or whilst we're on the move. The new range of Electrak on-desk modules offers a convenient answer to the growing demand for user-specific desk power and data access.



 For more options of Legrand on-desk connectivity and modules contact us on **+44 (0) 370 608 9020**

Rapid dual  
USB charging



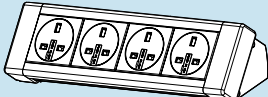
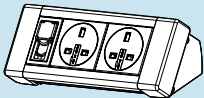
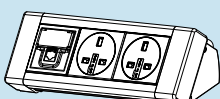
BS and  
International  
socket options



## RELIABLE BUSBAR BACKBONE

Building on the success of the Electrak system, on-desk is powered by a busbar backbone which provides a reliable electrical connection.

For other options, e.g. USB A and C, please contact us on +44 (0) 370 608 9020

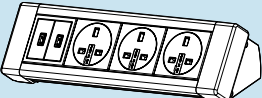
 					
	Description	Finish	Cat. Nos.	Cat. Nos.	Cat. Nos.
	2 x sockets individually fused at 3.15 A	White	PA3320AA	PB1320AA	PD1320AA
		Black	PA3320AAB <sup>1</sup>	-	PD1320AAB <sup>1</sup>
	3 x sockets individually fused at 3.15 A	White	PA3330AA	PB1330AA	PD1330AA
		Black	PA3330AAB <sup>1</sup>	-	PD1330AAB <sup>1</sup>
	4 x sockets individually fused at 3.15 A	White	PA3340AA	PB1340AA	PD1340AA
		Black	PA3340AAB <sup>1</sup>	-	PD1340AAB <sup>1</sup>
	2 x sockets individually fused at 3.15 A plus 1 x rear pluggable CAT 5e / CAT 6 RJ45 outlet	White	PA3320AB	PB1320AB	PD1320AB
	2 x sockets individually fused at 3.15 A plus 2 x rear pluggable CAT 5e / CAT 6 RJ45 outlets	White	PA3320AC	PB1320AC	PD1320AC
	2 x sockets individually fused at 3.15 A plus 1 x rear pluggable data USB outlet	White	PA3320AD	PB1320AD	PD1320AD
	2 x sockets individually fused at 3.15 A plus 2 x rear pluggable data USB outlets	White	PA3320AE	PB1320AE	PD1320AE
	2 x sockets individually fused at 3.15 A plus 1 x CAT 6A RJ45 outlet with 3 m data lead	White	PA3320AF	PB1320AF	PD1320AF
	2 x sockets individually fused at 3.15 A plus 2 x CAT 6A RJ45 outlets with 3 m data leads	White	PA3320AG	PB1320AG	PD1320AG

Fixings	
Description	Cat. No.
Desk clamp	0546 99

<sup>1</sup> : For the black version add a B to the existing white Cat. No. i.e. white Cat. No. PA3320AA becomes Cat. No. PA3320AAB for black



For other options, e.g. USB A and C, please contact us on +44 (0) 370 608 9020





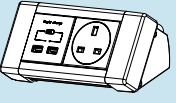
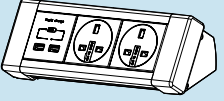
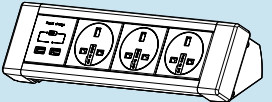
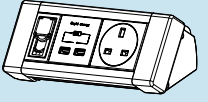
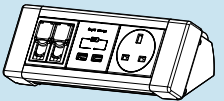
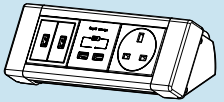
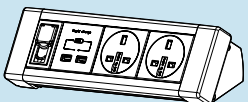
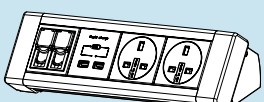
				Pre-wired with 3 m flex and BS 1363 plug	Pre-wired with 1.5 m flex and GST connector	Pre-wired with 1.5 m flex and Intersoc-R connector
		Description	Finish	Cat. Nos.	Cat. Nos.	Cat. Nos.
		2 x sockets individually fused at 3.15 A plus carrier to accept 1 x Euro Module (25 x 50 mm)	White	PA3320AK	PB1320AK	PD1320AK
		2 x sockets individually fused at 3.15 A plus carrier to accept 2 x Euro Modules (50 x 50 mm)	White	PA3320AL	PB1320AL	PD1320AL
		3 x sockets individually fused at 3.15 A plus 1 x rear pluggable CAT 5e / CAT 6 RJ45 outlet	White	PA3330AB	PB1330AB	PD3330AB
		3 x sockets individually fused at 3.15 A plus 2 x rear pluggable CAT 5e / CAT 6 RJ45 outlets	White	PA3330AC	PB1330AC	PD1330AC
		3 x sockets individually fused at 3.15 A plus 1 x rear pluggable data USB outlet	White	PA3330AD	PB1330AD	PD1330AD
		3 x sockets individually fused at 3.15 A plus 2 x rear pluggable data USB outlets	White	PA3330AE	PB1330AE	PD1330AE
		2G 6A Indian non-switched – 1.5 ISOC and no data	White	–	–	PD1P20AA
		2G 6A Indian non-switched – 1.5 ISOC and 1 x C5/6	White	–	–	PD1P20AB
		2G 6A Indian non-switched – 1.5 ISOC and 2 x C5/6	White	–	–	PD1P20AC

**Notes:**

Other options are available to special order. Contact us on +44 (0) 345 605 4333  
 CAT 5e / CAT 6 outlets have a rear facing RJ45 that will accept either CAT 5e or CAT 6 data cabling (no data cabling is included with the product)  
 CAT 6A outlets are supplied with 3 m pre-wired lead and performance certificate  
 The data USB outlets have a short flying lead at the rear for USB connection to the PC (no additional data cabling is included with the product)  
 Units supplied with carriers to accept Euro Modules will be supplied with apertures at the rear for the passing of data or AV cables

## On-desk modules with twin outlet USB charger

For other options, e.g. USB A and C,  
please contact us on +44 (0) 370 608 9020

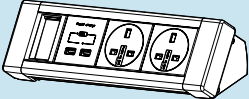
 						
	Description	Finish	Cat. Nos.	Cat. Nos.	Cat. Nos.	
	1 x unfused socket plus twin outlet USB charger	White	PA3012AA	PB1012AA	PD1012AA	
	2 x sockets individually fused at 3·15 A plus twin outlet USB charger	White	PA3322AA	PB1322AA	PD1322AA	
		Black	PA3322AAB <sup>1</sup>	-	PD1322AAB <sup>1</sup>	
	3 x sockets individually fused at 3·15 A plus twin outlet USB charger	White	PA3332AA	PB1332AA	PD1332AA	
		Black	PA3332AAB <sup>1</sup>	-	PD1332AAB <sup>1</sup>	
	1 x unfused socket, twin outlet USB charger plus 1 x rear pluggable CAT 5e / CAT 6 RJ45 outlet	White	PA3012AB	PB1012AB	PD1012AB	
	1 x unfused socket, twin outlet USB charger plus 2 x rear pluggable CAT 5e / CAT 6 RJ45 outlets	White	PA3012AC	PB1012AC	PD1012AC	
	1 x unfused socket, twin outlet USB charger plus 1 x rear pluggable data USB outlet	White	PA3012AD	PB1012AD	PD1012AD	
	1 x unfused socket, twin outlet USB charger plus 2 x rear pluggable data USB outlets	White	PA3012AE	PB1012AE	PD1012AE	
	2 x sockets individually fused at 3·15 A, twin outlet USB charger plus 1 x rear pluggable CAT 5e / CAT 6 RJ45 outlet	White	PA3322AB	PB1322AB	PD1322AB	
	2 x sockets individually fused at 3·15 A, twin outlet USB charger plus 2 x rear pluggable CAT 5e / CAT 6 RJ45 outlets	White	PA3322AC	PB1322AC	PD1322AC	

### Fixings

Description	Cat. No.
Desk clamp	0546 99

<sup>1</sup> : For the black version add a B to the existing white Cat. No. i.e. white Cat. No. PA3012AA becomes Cat. No. PA3012AAB for black

For other options, e.g. USB A and C, please contact us on +44 (0) 370 608 9020

				Pre-wired with 3 m flex and BS 1363 plug	Pre-wired with 1.5 m flex and GST connector	Pre-wired with 1.5 m flex and Intersoc-R connector
		Description	Finish	Cat. Nos.	Cat. Nos.	Cat. Nos.
		2 x sockets individually fused at 3·15 A, twin outlet USB charger plus 1 x rear pluggable data USB outlet	White	PA3322AD	PB1322AD	PD1322AD
		2 x sockets individually fused at 3·15 A, twin outlet USB charger plus 2 x rear pluggable data USB outlets	White	PA3322AE	PB1322AE	PD1322AE
		2 x sockets individually fused at 3·15 A, twin outlet USB charger plus 1 x CAT 6A RJ45 outlet with 3 m data lead	White	PA3322AF	PB1322AF	PD1322AF
		2 x sockets individually fused at 3·15 A, twin outlet USB charger plus 2 x CAT 6A RJ45 outlets with 3 m data leads	White	PA3322AG	PB1322AG	PD1322AG
		2 x sockets individually fused at 3·15 A, twin outlet USB charger plus carrier to accept 1 x Euro Module (25 x 50 mm)	White	PA3322AK	PB1322AK	PD1322AK
		2 x sockets individually fused at 3·15 A, twin outlet USB charger plus double carrier to accept 2 x Euro Modules (50 x 50 mm)	White	PA3322AL	PB1322AL	PD1322AL
		2G 6A Indian non-switched – 2 USB : 1·5 m ISOC and no data	White	–	–	PD1P22AA
		2G 6A Indian non-switched – 2 USB : 1·5 m ISOC and 1 x C5/6	White	–	–	PD1P22AB
		2G 6A Indian non-switched – 2 USB : 1·5 m ISOC and 2 x C5/6	White	–	–	PD1P22AC

**Notes:**

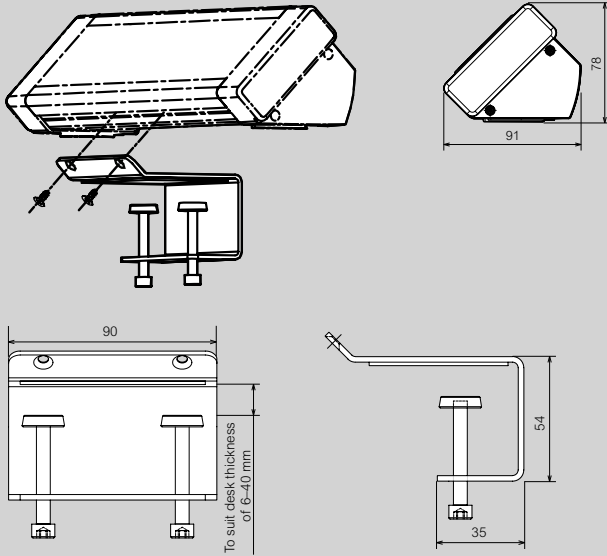
Other options are available to special order. Contact us on +44 (0) 345 605 4333  
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 CAT 6A outlets are supplied with 3 m pre-wired lead and performance certificate  
 The data USB outlets have a short flying lead at the rear for USB connection to the PC (no additional data cabling is included with the product)  
 Units supplied with carriers to accept Euro Modules will be supplied with apertures at the rear for the passing of data or AV cables



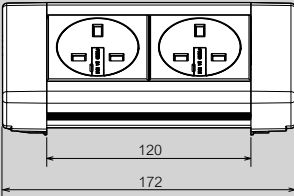
# On-desk modules

## technical information

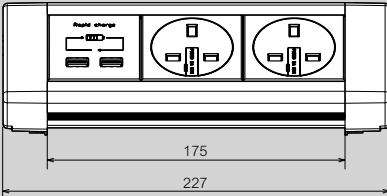
### On-desk dimensions (mm)



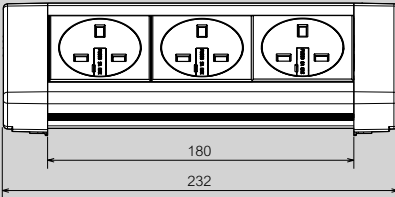
PA3320AA (white) / PA3320AAB (black)



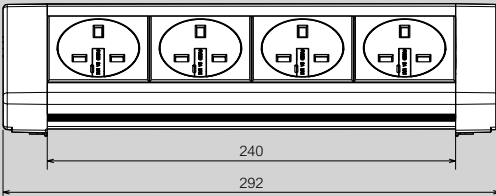
PA3322AA (white) / PA3322AAB (black)



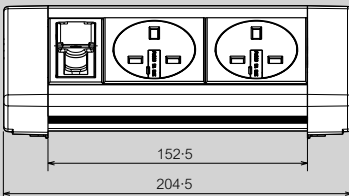
PA3330AA (white) / PA3330AAB (black)



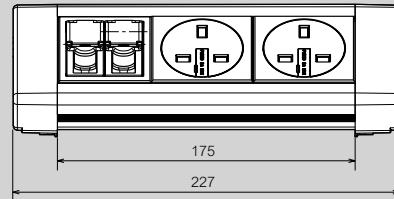
PA3340AA (white) / PA3340AAB (black)



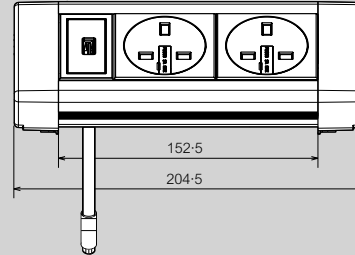
PA3320AB (white)



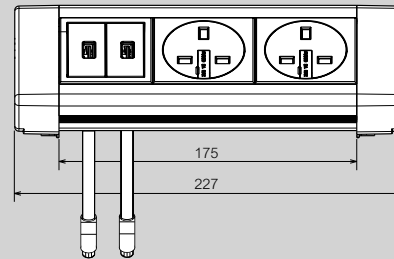
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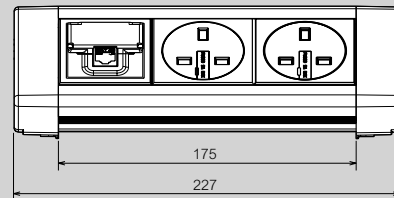
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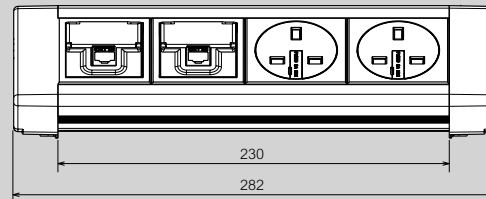
PA3320AE (white)



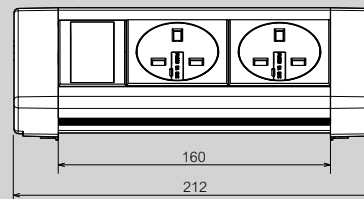
PA3320AF (white)



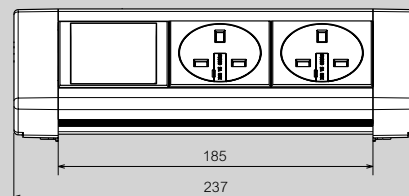
PA3320AG (white)



PA3320AK (white)



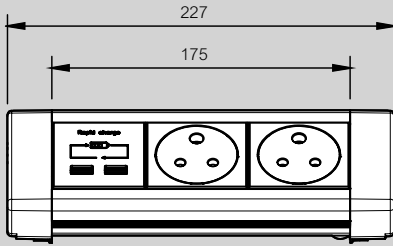
PA3320AL (white)



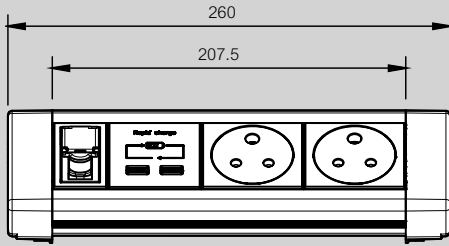
All dimensions (mm) are nominal

■ On-desk dimensions (mm) (continued)

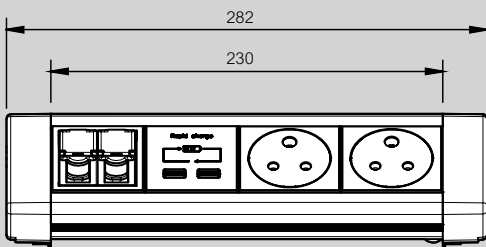
PD1P22AA (white)



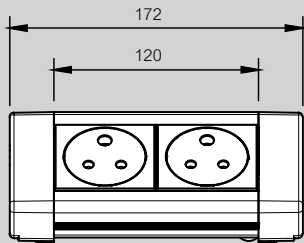
PD1P22AB (white)



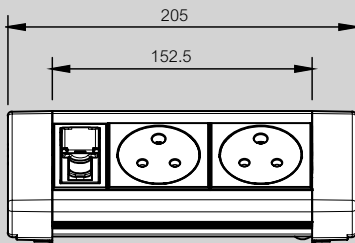
PD1P22AC (white)



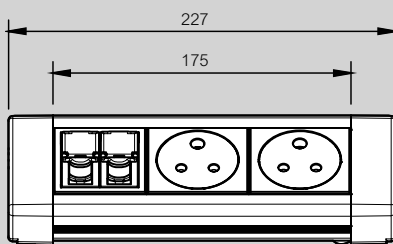
PD1P20AA (white)



PD1P20AB (white)



PD1P20AB (white)



■ Testing and accreditation



■ Testing and accreditation

Complies with BS 5733 and relevant parts of BS 1363-2  
Manufactured within an approved ISO 9001 and ISO 14001 facility

■ BS 6396 + A1

Electrical Systems in Office Furniture and Educational Furniture Specification

Below is a brief outline of the main criteria within the standards :

BS 6396 + A1 was published with regard to the use of electrical equipment within general office and educational furniture. This standard sets out in its scope the use and testing of electrical socket outlets and associated wiring when used together with a 13 A BS 1363 fused plug for mains supply and makes provision for the routing of cables through furniture

The standard requires individual socket fusing (as per the table below)

Total number of sockets	Individually fused at up to
2, 3 or 4 sockets	5 A
5 or 6 sockets	3·15 A

BS 6396 + A1 requires RCD protection for electrical sockets

Material specification

Module housing	aluminium / PVC
Module fascia	polycarbonate / ABS
Socket outlets	polycarbonate
End caps	ABS

USB charger module specification

Supply voltage (nominal)	230 V (AC)
Supply current	1·3 mA
Power consumption (max.)	0·3 W
Frequency	50 Hz
Output voltage	+5·0 V ± 0·25 (DC)
Output current	3·1 A
Output power	15 W (max.)
Over current protection	3·8 A (max.)
Output connectors	2 x USB Type A sockets
Current per socket	2·1 A (max.)

All dimensions (mm) are nominal

# ELECTRAK IN-DESK

enhancing the workstation



## IN-DESK BRINGS STYLE AND FLEXIBILITY TO THE WORKSTATION

Made from high quality brushed stainless steel, In-desk is designed to complement the aesthetic of modern workspaces, giving users power when they need it and minimal, sleek design when they don't.

With the simple touch of a button, the unit elegantly rises from the desk in a smooth action to reveal either a traditional twin socket arrangement or a single socket with twin USB outlets for charging mobile devices.



## EASY INSTALLATION

The Electrak In-desk range is pre-wired with a BS plug, GST or Intersoc-R connector for simple tool-free electrical connection.

## MINIMAL AND DISCREET

When power isn't required, the ultra-slim brushed stainless steel cover closes to fit discreetly into the desktop.

# POWER SET FREE

## wireless charging

Legrand's Qi certified induction charger can be easily installed into desks, tables and other furniture – allowing Qi enabled smartphones and other mobile devices to be charged simply by placing them on top. Charging has never been more simple.

Extra flat, supplied with a micro USB/USB cable and a USB mobile power supply (Cat. No. 077580).




### In-desk units



POPA3012AA



POPA3020AA




077580

 Dimensions and technical information **p. 61**

Classification of In-desk flush-mounting boxes according to  
NFC 61-314 / EN 60670-1 : A1  
Protection against mechanical impact: IK 07  
Degree of ingress protection: IP 30 cover open, IP 40 cover closed

Pack	Cat. Nos.	In-desk units
		USB power supply for recharging portable devices Conforms to IEC 62684-2011-01 Consumption in passive mode < 0.1 W Double USB sockets - 5 V - 2400 mA For fast charging telephones, smartphones, MP3/MP4 players and tablet PC British standard socket outlet: shuttered for child safety ASTA licenced Conforms to BS 1363 Part 2
		<b>Unit with single socket and twin USB outlets</b>
1	POPA3012AA	Unit with 3m lead and BS 1363 plug
1	POPB1012AA	Unit with 1.5m lead and GST connector
1	POPD1012AA	Unit with 1.5m lead and Intersoc-R connector
		<b>Unit with twin sockets</b>
1	POPA3020AA	Unit with 3m lead and BS 1363 plug
1	POPB1020AA	Unit with 1.5m lead and GST connector
1	POPD1020AA	Unit with 1.5m lead and Intersoc-R connector
		<b>Wireless charging unit</b>
		<b>Qi certified induction charger</b>
1	077580	1000 mA wireless charger for furniture Wireless charging for Qi enabled smartphones and other mobile devices Designed for mounting horizontally into furniture Supplied complete with required accessories for installation into furniture

 For more options of Legrand in-desk units  
**contact us on +44 (0) 370 608 9020**

# In-desk units and wireless charging unit

## technical information

### In-desk units

#### Technical characteristics

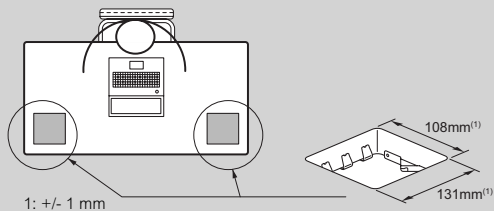
Electrical characteristics	
Earthing system	R < 0.05 Ohms
Resistance to vertical load applied through small surface area	1500 N cover open 3000 N cover closed
Rated voltage	U 500 V - R > 5 MOhms
Electric strength	2000 V
Protection class	II - low voltage

Material: Halogen free material, fire proofed and no propagator of the flame

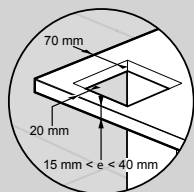
Resistant to corrosion and to temperature changes  
Finish: Brushed Stainless steel, zamak nickel coating  
Safety: You must earth the system

Cleaning: The exterior should only be cleaned using a damp cloth (avoid contact with the active parts). Do not use abrasive detergent

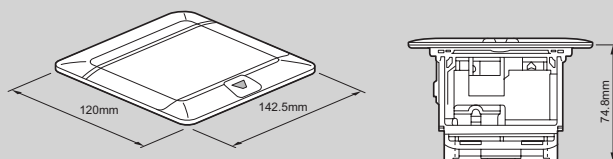
#### Installation



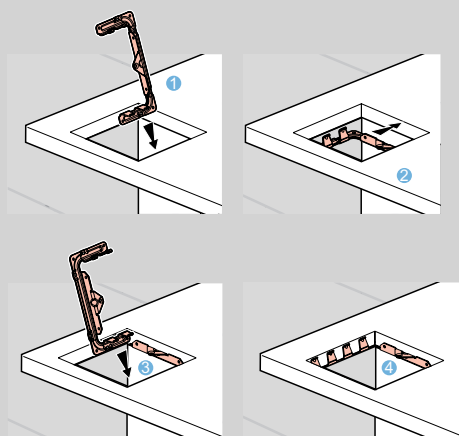
Minimum distance from to the edges of the furniture:



#### Dimensions



#### Positioning of the fixing supports



### Wireless charging unit - 1000 mA

#### Technical characteristics

Electrical characteristics	
Nominal input voltage	110 - 230 V ~
Nominal output voltage	5 V ~
Frequency	50 - 60 Hz
Maximum input current	150 mA
Maximum output current	1000 mA
Standby consumption	< 0.07 W
Energy efficiency	> 85%
Protection class	II - low voltage

#### Average charging time for a smartphone equipped with an induction receiver

80% charge : < 2 hrs  
100% charge : < 2 hrs 45 mins

#### Climate characteristics

Storage temperature : 20°C to +70°C  
Operating temperature : 0°C to +45°C

#### Standards and approvals

WPC QI  
BS EN 62479  
ICNIRP

#### Mechanical characteristics

Impact resistance : IK 08  
Resistance to ingress of solid bodies and liquids :  
• IP 43  
• IP 44 for upper part installed on furniture

#### Material characteristics

ABS  
Halogen free  
UV resistant  
Self-extinguishing :  
• 750°C / 30 s for parts made of insulating materials holding live parts in place  
• 650°C / 30 s for other insulating components

All dimensions (mm) are nominal