

MORE POWER TO YOUR DESKTOP

IN-DESK AND
ON-DESK POWER



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.

In-desk units



Classification of In-desk flush-mounting boxes according to
NFC 61-314 / EN 60670-1 / EN 60670-23
Protection against mechanical impact: IK 07
Degree of ingress protection: IP 30 cover open, IP 40 cover closed

Pack	Cat. Nos.	In-desk units
		<p>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</p> <p>British standard socket outlet: Shuttered for child safety ASTA licenced Conforms to BS 1363 Part 2</p> <p>Unit with single socket and twin USB outlets</p> <p>1 POPA3012AA Unit with 3m lead and BS1363 plug 1 POPB1012AA Unit with 1.5m lead and GST connector 1 POPD1012AA Unit with 1.5m lead and Intersoc-R connector</p> <p>Unit with twin sockets</p> <p>1 POPA3020AA Unit with 3m lead and BS1363 plug 1 POPB1020AA Unit with 1.5m lead and GST connector 1 POPD1020AA Unit with 1.5m lead and Intersoc-R connector</p>

In-desk units

technical information

■ Technical characteristics

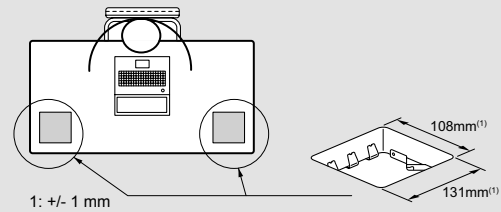
Earthing system: $R < 0.05 \text{ Ohms}$
Resistance to vertical load applied through small surface area:
1500 N cover open, 3000 N cover closed
Rated voltage: $U 500 \text{ V} - R > 5 \text{ MOhms}$
Electric strength: 2000 V

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

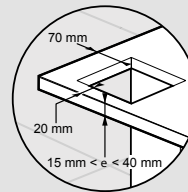
Resistant to corrosion and to temperature changes
Finish: Brushed Stainless steel, zamak nickel coating
Safety: You must earth the system

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

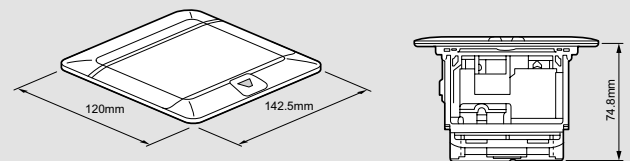
■ Installation



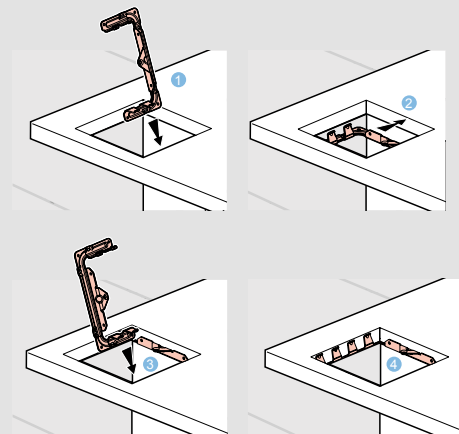
Minimum distance from to the edges of the furniture:



■ Dimensions



■ Positioning of the fixing supports



All dimensions (mm) are nominal

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).



ELECTRAK ON-DESK

power and data at your fingertips



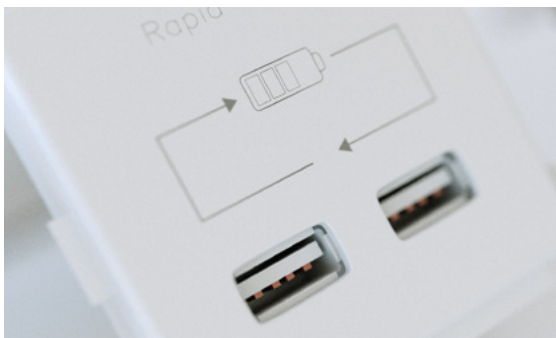
ON-DESK BRINGS POWER, DATA AND RAPID USB CHARGING TO THE WORKSTATION

With clean lines and a stylish aluminium and mirror white finish, 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

On-desk can be tailored to the demands of any workstation. 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.



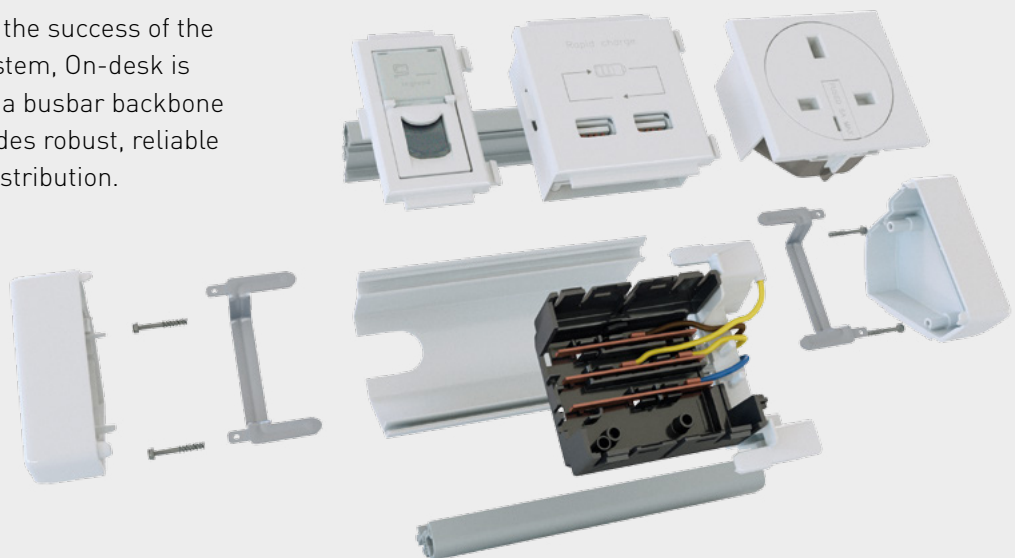
RAPID USB CHARGING

Intelligent twin USB modules offer a high specification, rapid charge facility that keeps your mobile devices ready should you ever need to work on the move. Up to two devices (e.g. tablet and smart phone) can be simultaneously charged at a faster rate than common, lower output chargers.

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 carriers are also available to accommodate specific data requirements. The innovative design enables data cables to neatly exit through the rear of the unit, avoiding the need to bend the cables which can impair the data performance.

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



Electrak On-desk modules


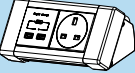
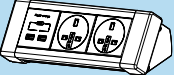
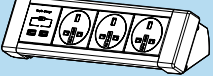
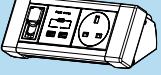
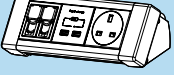










		Pre-wired with 3 m flex and BS 1363 plug	Pre-wired with 1.5 m flex and GST connector	Pre-wired with 1.5 m flex and Intersoc-R connector
	Description	Cat. No.	Cat. No.	Cat. No.
	2 x sockets individually fused at 3.15 A	PA3320AA	PB1320AA	PD1320AA
	3 x sockets individually fused at 3.15 A	PA3330AA	PB1330AA	PD1330AA
	4 x sockets individually fused at 3.15 A	PA3340AA	PB1340AA	PD1340AA
	2 x sockets individually fused at 3.15 A plus 1 x rear pluggable CAT 5e / CAT 6 RJ45 outlet	PA3320AB	PB1320AB	PD1320AB
	2 x sockets individually fused at 3.15 A plus 2 x rear pluggable CAT 5e / CAT 6 RJ45 outlets	PA3320AC	PB1320AC	PD1320AC
	2 x sockets individually fused at 3.15 A plus 1 x rear pluggable data USB outlet	PA3320AD	PB1320AD	PD1320AD
	2 x sockets individually fused at 3.15 A plus 2 x rear pluggable data USB outlets	PA3320AE	PB1320AE	PD1320AE
	2 x sockets individually fused at 3.15 A plus 1 x CAT 6A RJ45 outlet with 3 m data lead	PA3320AF	PB1320AF	PD1320AF
	2 x sockets individually fused at 3.15 A plus 2 x CAT 6A RJ45 outlets with 3 m data leads	PA3320AG	PB1320AG	PD1320AG
	2 x sockets individually fused at 3.15 A plus carrier to accept 1 x Euro Module (25 x 50 mm)	PA3320AK	PB1320AK	PD1320AK
	2 x sockets individually fused at 3.15 A plus carrier to accept 2 x Euro Modules (50 x 50 mm)	PA3320AL	PB1320AL	PD1320AL
	3 x sockets individually fused at 3.15 A plus 1 x rear pluggable CAT 5e / CAT 6 RJ45 outlet	PA3330AB	PB1330AB	PD1330AB
	3 x sockets individually fused at 3.15 A plus 2 x rear pluggable CAT 5e / CAT 6 RJ45 outlets	PA3330AC	PB1330AC	PD1330AC
	3 x sockets individually fused at 3.15 A plus 1 x rear pluggable data USB outlet	PA3330AD	PB1330AD	PD1330AD
	3 x sockets individually fused at 3.15 A plus 2 x rear pluggable data USB outlets	PA3330AE	PB1330AE	PD1330AE

Fixings

Description	Cat. No.
Desk clamp	0546 99

Electrak On-desk modules

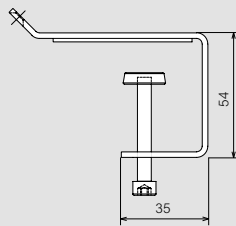
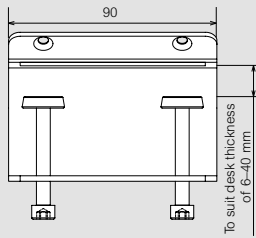
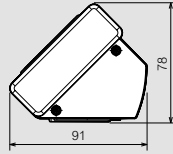
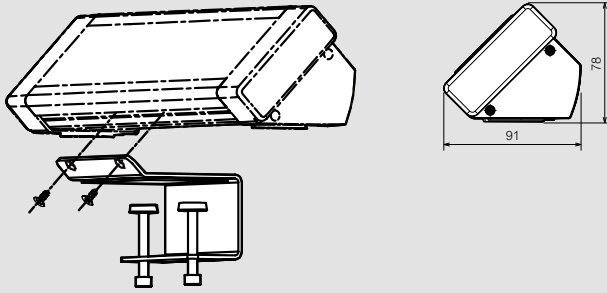
with twin outlet USB charger

	Description	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	Cat. No.	Cat. No.	Cat. No.
	1 x unfused socket plus twin outlet USB charger	PA3012AA	PB1012AA	PD1012AA
	2 x sockets individually fused at 3.15 A plus twin outlet USB charger	PA3322AA	PB1322AA	PD1322AA
	3 x sockets individually fused at 3.15 A plus twin outlet USB charger	PA3332AA	PB1332AA	PD1332AA
	1 x unfused socket, twin outlet USB charger plus 1 x rear pluggable CAT 5e / CAT 6 RJ45 outlet	PA3012AB	PB1012AB	PD1012AB
	1 x unfused socket, twin outlet USB charger plus 2 x rear pluggable CAT 5e / CAT 6 RJ45 outlets	PA3012AC	PB1012AC	PD1012AC
	1 x unfused socket, twin outlet USB charger plus 1 x rear pluggable data USB outlet	PA3012AD	PB1012AD	PD1012AD
	1 x unfused socket, twin outlet USB charger plus 2 x rear pluggable data USB outlets	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	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	PA3322AC	PB1322AC	PD1322AC
	2 x sockets individually fused at 3.15 A, twin outlet USB charger plus 1 x rear pluggable data USB outlet	PA3322AD	PB1322AD	PD1322AD
	2 x sockets individually fused at 3.15 A, twin outlet USB charger plus 2 x rear pluggable data USB outlets	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	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	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)	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)	PA3322AL	PB1322AL	PD1322AL

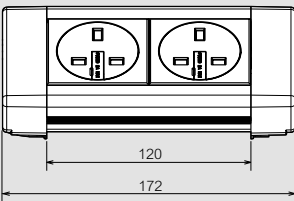
Notes:

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

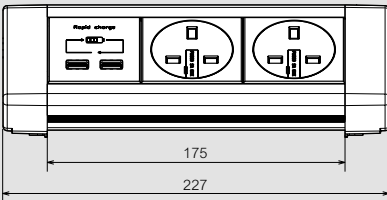
■ On-desk dimensions (mm)



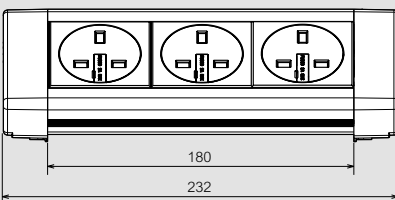
PA3320AA



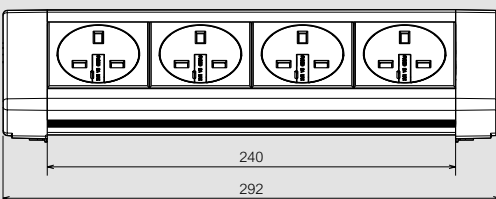
PA3322AA



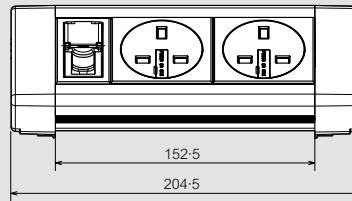
PA3330AA



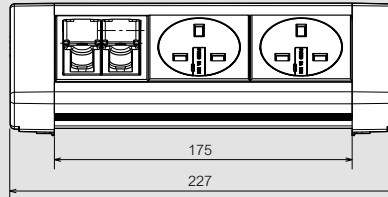
PA3340AA



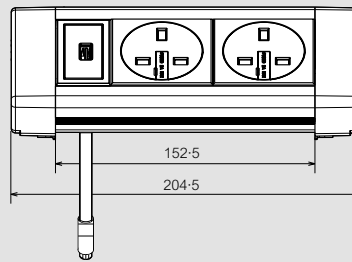
PA3320AB



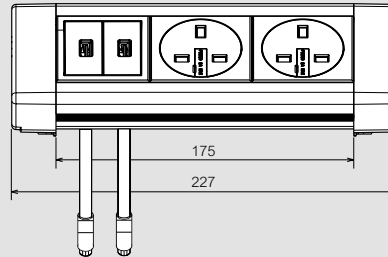
PA3320AC



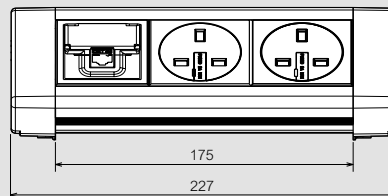
PA3320AD



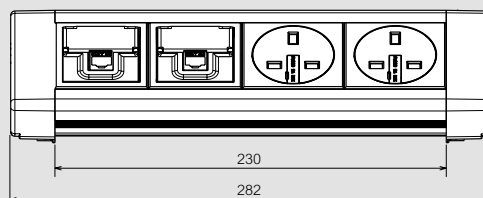
PA3320AE



PA3320AF



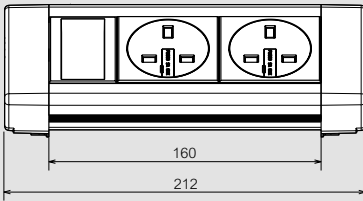
PA3320AG



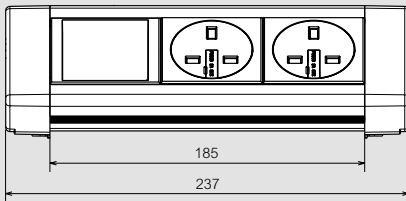
All dimensions (mm) are nominal

■ On-desk dimensions (mm) (continued)

PA3320AK



PA3320AL



All dimensions (mm) are nominal

■ Testing and accreditation



Complies with BS 5733 and relevant parts of BS 1363-2
Manufactured within an approved ISO 9001 : 2008 and
ISO 14001 : 2004 facility

■ BS 6396 : 2008

Electrical Systems in Office Furniture and Educational Furniture Specification

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

BS 6396 : 2008 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 : 2008 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.)

CONTACT DETAILS

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