

# Excel 6 Way Horizontal PDU 6x UK Socket Passive 13A UK Plug Filtered

Item Code: D13-6HF-EXL

**excel**  
without compromise.



Surge protected

LED status indicators

UK BS1363 style sockets

Up to 12 sockets per unit

Choice of mounting options

CIBSE TM65 Embodied Carbon: 13.913 kg CO<sub>2</sub>e

## Product Overview

The Excel Surge Protected Power Distribution Units are an extensive range of professional grade power distribution units designed specifically for the 19" electronic enclosure markets. These units feature an on-board protection system to guard against surges, spikes and other mains borne transients.

Each unit comprises a high quality aluminium extruded housing into which are loaded up to 12 sockets. In this particular range each socket is UK style, manufactured in accordance with the BS1363 standard, the 3 metre input lead is terminated with a 13 Amp rated 3 pin BS1363 plug top.

The sockets are mounted at a 45 degree angle on the vertical PDUs and a 90 degree angle on the horizontal PDUs to aid with cable management. The range of available units includes 19" horizontally mounted, and higher density vertical mounted options, each unit contains a fully shrouded switch to control input power (except 6 way horizontal).

## Product Specifications

Feature	Values
Mounting dimension	19 inch
Mounting size	465 mm
Mounting direction	Horizontal
Electrical connection	Connecting cord with plug
Type of electric plug connection	British Standard (BS1363)
Cable length	3 m

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Number of UK BS1363 sockets	6
Number of rack units (RU)	2
Width	482.6 mm
Height	62 mm
Depth	45 mm
Supply voltage	230 V
Surge Protected	yes
Switchable	yes
With LED indication	yes
With fuse	yes
With mounting bracket	yes

## Additional specifications

Features	Values
Input cable type	3 core 1.5mm cable
Rated Voltage	230 V AC 50/60 Hz
Rated current	13 A
Maximum power	3250 W
Unit control	On/Off Rocker Switch (except 6 Way Horizontal)
Measured limiting voltage (Ur)	700V
Nominal discharge current (8/20 $\mu$ S) In	5KA
Voltage protection level (U p)	< 1000V
Response time (t A)	<25 nS
Protection mode	L-N L-PE N-PE
Polarity indicator	Red LED
Lightning protection	Green LED
Earth indicator	Yellow LED
Insulation Resistance	$\geq 5M\Omega$
Fire resistance	Flame retardant
Operating temperature	-10° - 45°C
Relative humidity	0% - 90%
Cable entry (horizontal orientation)	Left

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Cable entry (vertical orientation)	Top
Socket angle (horizontal orientation)	90°
Socket angle (vertical orientation)	45°
Master Circuit Breaker	NO
Master Switch	Yes (except 6 Way Horizontal)
Housing colour	Silver
Housing material	Aluminum

## Included accessories

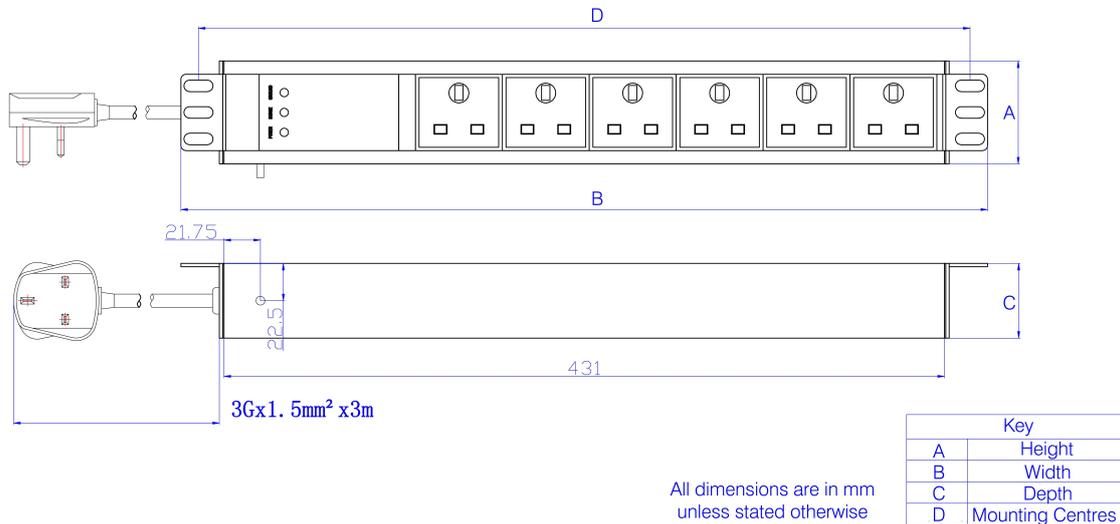
Accessories	Quantity
M6 x 4 fixings	x4
user manual	x1
6mm earth cable	x1

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## Product drawing



## Standards

Applicable standard	Detail
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states).
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
BS 1363-2:1995	13 A plugs, socket-outlets, adaptors and connection units. Specification for 13 A switched and unswitched socket-outlets
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).
ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).
UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous

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Item Code: D13-6HF-EXL



Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.

## Part Number Table

Part Number	Description
D13-10F-EXL	Excel 10 Way Vertical PDU 10x UK Socket Passive 13A UK Plug Filtered
D13-12F-EXL	Excel 12 Way Vertical PDU 12x UK Socket Passive 13A UK Plug Filtered
D13-4HF-EXL	Excel 4 Way Horizontal PDU 4x UK Socket Passive 13A UK Plug Filtered
D13-5HF-EXL	Excel 5 Way Horizontal PDU 5x UK Socket Passive 13A UK Plug Filtered
D13-6HF-EXL	Excel 6 Way Horizontal PDU 6x UK Socket Passive 13A UK Plug Filtered
D13-8F-EXL	Excel 8 Way Vertical PDU 8x UK Socket Passive 13A UK Plug Filtered

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

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