

# Excel 12 Way Vertical PDU 12x UK Socket Passive 13A UK Plug Filtered

Part Code: D13-12F-EXL

sales@excel-networking.com  
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CIBSE TM65 Embodied Carbon: 28.323 kg CO2e



## Main Features

- / Surge protected
- / UK BS1363 style sockets
- / Choice of mounting options
- / LED status indicators
- / Up to 12 sockets per unit
- / CIBSE TM65 Embodied Carbon: 28.323 kg CO2e

## 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

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contains a fully shrouded switch to control input power (except 6 way horizontal).

## Product Specifications

Feature	Values
Mounting size	<b>1039 mm</b>
Mounting direction	<b>Vertical</b>
Electrical connection	<b>Connecting cord with plug</b>
Type of electric plug connection	<b>British Standard (BS1363)</b>
Cable length	<b>3 m</b>
Number of UK BS1363 sockets	<b>12</b>
Width	<b>44.4 mm</b>
Height	<b>1067 mm</b>
Depth	<b>62 mm</b>
Supply voltage	<b>230 V</b>
Surge Protected	<b>yes</b>
Switchable	<b>yes</b>
With LED indication	<b>yes</b>
With fuse	<b>yes</b>
With mounting bracket	<b>yes</b>

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## 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 μS) 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	≥5MΩ
Fire resistance	Flame retardant
Operating temperature	-10° - 45°C
Relative humidity	0% - 90%
Cable entry (horizontal orientation)	Left
Cable entry (vertical orientation)	Top
Socket angle (horizontal orientation)	90°
Socket angle (vertical orientation)	45°
Master Circuit Breaker	NO

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Master Switch	<b>Yes (except 6 Way Horizontal)</b>
Housing colour	<b>Silver</b>
Housing material	<b>Aluminum</b>

## Included accessories

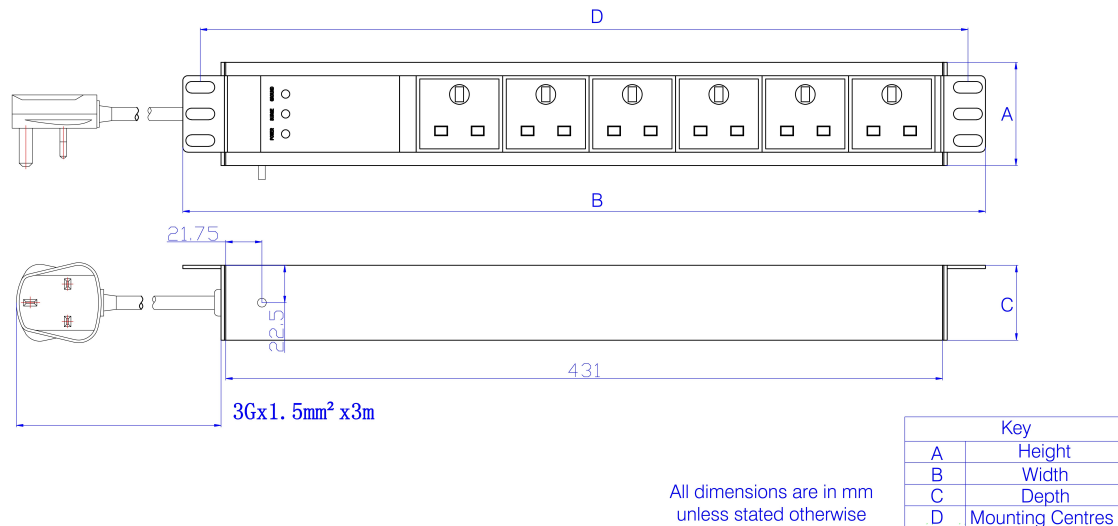
Accessories	Quantity
M6 x 4 fixings	<b>x4</b>
user manual	<b>x1</b>
6mm earth cable	<b>x1</b>

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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

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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 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 Code Table

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