Item Code: D13-8F-EXL







X Surge protected
X LED status indicators
X UK BS1363 style sockets
X Up to 12 sockets per unit
X Choice of mounting options
X CIBSE TM65 Embodied Carbon: 22.634 kg CO2e

#### **Product Overview**

The Excel Surge Protected Power Distrubution 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 size	779 mm
Mounting direction	Vertical
Electrical connection	Connecting cord with plug
Type of electric plug connection	British Standard (BS1363)
Cable length	3 m
Number of UK BS1363 sockets	8
Width	44.4 mm

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Height	807 mm
Depth	62 mm
Supply voltage	250 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	250 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)	Тор
Socket angle (horizontal orientation)	90°
Socket angle (vertical orientation)	45°

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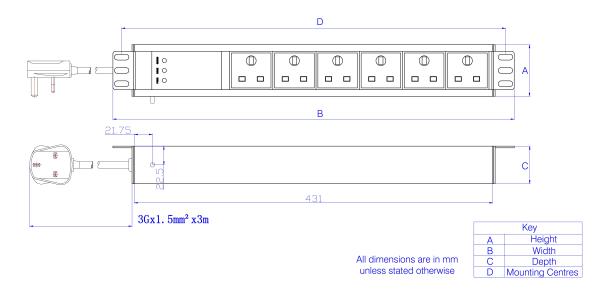


Master Circuit Breaker	NO
Master Switch	Yes (except 6 Way Horizontal)
Housing colour	Silver
Housing material	Aluminum

#### **Included accessories**

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

### **Product drawing**



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#### **Standards**

Applicable standard	Detail
RoHS-II/-III (2011/65/EU & 2015/863): 2023	Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III).
BS 1363-2:1995	13 A plugs, socket-outlets, adaptors and connection units. Specification for 13 A switched and unswitched socket- outlets
WFD: 2023	Compliant to Waste Framework Directive
SCIP: 2023	Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)
POPs (EU) No 2019/1021	EU Regulation for the restriction of Persistent Organic Pollutants.

#### **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.



Contact us at sales@excel-networking.com

E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.