

Excel 5 Way Horizontal PDU 5x UK Socket Passive 13A UK Plug Filtered

Item Code: D13-5HF-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: 13.787 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 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 | 5 |
| 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 μ 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

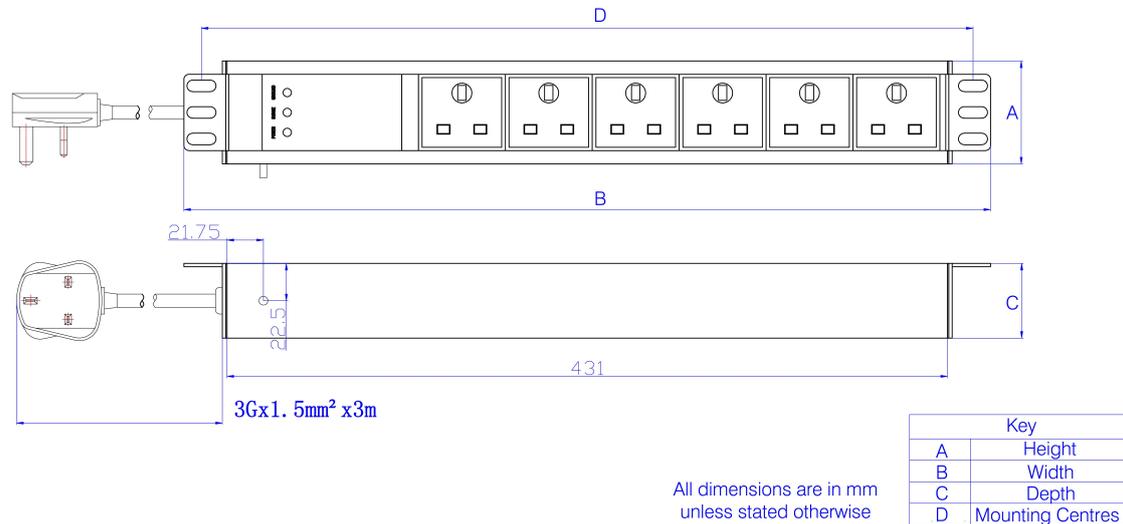
| Accessories | Quantity |
|-----------------|----------|
| M6 x 4 fixings | x4 |
| user manual | x1 |
| 6mm earth cable | x1 |

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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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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.

Contact us at sales@excel-networking.com



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