

Power and data modules

Standards and Directives

All products are manufactured to enable compliance with the following where relevant:

- BS 5733
- BS 6396
- BS 7671
- BS EN 55022
- BS EN 60950-1
- CE and UKCA marked
- The Electrical Equipment (Safety) Regulations 2016
- LVD Directive 2014/35/EU
- EMC Directive 2014/30/EU
- The Electromagnetic Compatibility Regulations 2016
- RoHS2 Compliant 2011/65/EU
- REACH Compliant

Further detailed information is available upon request.

Current Rating

Power modules 3 core wire 1.5 mm² rated at 16A

RCBO Power feed 2.5mm² rated at 20A

All leads are supplied with BS 1363 approved 13A three pin UK plugs and GST18 connectors

RCBO Rating

16A Type C 30mA 2 Pole

BS 6396:2008 requires RCD protection for electrical sockets

Earth Bonding

All units are supplied with a 150mm exterior earth lead to ring terminal.

Guidance from BS 6396:2008:

Fusing

The configurations of socket outlets connected to a single supply shall be either:

- No more than four sockets, where each socket is separately fused or has other overcurrent protection rated at not more than 5A; or
- No more than six sockets, where each socket outlet is separately fused or has other over current protection rated at not more than 3.15A

No single item of equipment having a rated voltage exceeding 250V or a rated current exceeding 5A shall be connected to the item of furniture.

Each unit is individually fused:

2 and 4 gang power sockets fused at 5A (20mm glass fuse)

6 gang power sockets fused at 3.15A (20mm glass fuse)

Power feed units are protected by either a 16A RCBO or 13A fuse

Fixing

Can be used in a cable tray or mounted directly to the desk.

Each unit is fitted with 2 fixing points at either end of the module for ease of mounting and securing the unit in a fixed position.

Materials

All components and plastic mouldings used throughout the products will conform to the relevant Flame Retardancy specifications.

Data and Multimedia

Units with data facilities are fitted with 2 or 4 blank LJ6 6C apertures and can be fitted with data or multimedia modules.

Units fitted with data facilities include a segregation plate that is fixed into the chassis to produce a separate enclosed area within the body of the unit.

Data cables can be fed into the units by way of a 20mm flexible plastic conduit, forming a protected umbilical, or as individual plain cables secured by a soft compression gland, at the opposite end to the power entry.

USB

Dual USB Fast Charge Type A sockets
5V DC 3.4A

Connection Options

Inputs:

RCBO Unit options:

- MT32 input for use with our tap-off units for ease of installation when connection to the MT Powertrack system (Standard or Clean Earth 'CE' options are available)
- 16A GST 18: Unit can either plug directly into Power Module units or be connected via an Interconnecting lead
- Ø20mm knockout

RCBO Feed unit options:

- MT32 input for use with our tap-off units for ease of installation when connection to the MT Powertrack system (Standard or Clean Earth 'CE' options are available)
- 16A GST 18: Unit can either plug directly into Power Module units or be connected via an Interconnecting lead
- Ø20mm knockout

RCBO Power feed unit options:

- MT32 input for use with our tap-off units for ease of installation when connection to the MT Powertrack system (Standard or Clean Earth 'CE' options are available)
- 16A GST 18: Unit can either plug directly into Power Module units or be connected via an Interconnecting lead
- Ø20mm knockout
- Power modules are fitted with 16A GST 18 connectors

Outputs:

RCBO Units: Single GST 18

RCBO Feed units: 4 or 8 GST 18 connectors

RCBO Power Feed units: 4 or 6 13A UK socket outlets

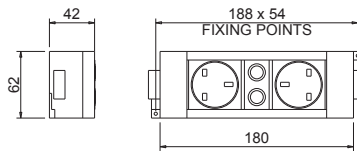
Power modules: Single GST 18 for interconnects to additional units. *BS 6396 notes above.

Quality and Testing

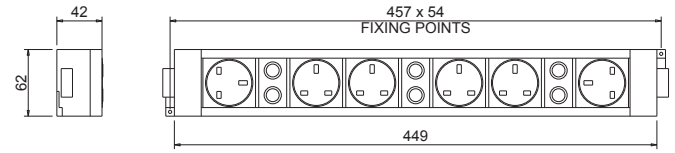
All units are 100% electrically tested. Test consist of Earth Bond, Insulation, Load/Fuse Check, Continuity and Functional.

The following diagrams are suggested configuration options, please always ensure local Regulations are met.

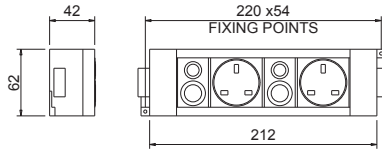
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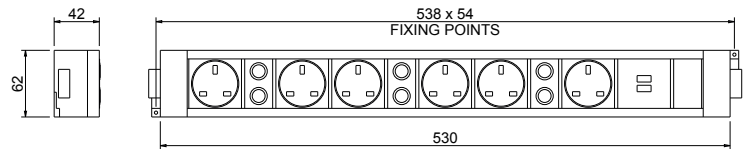
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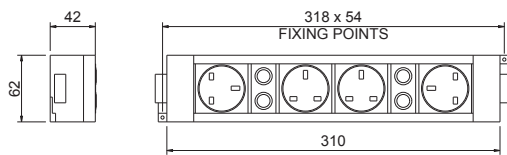
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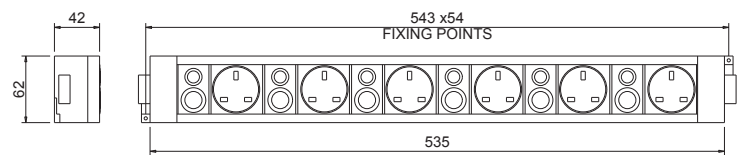
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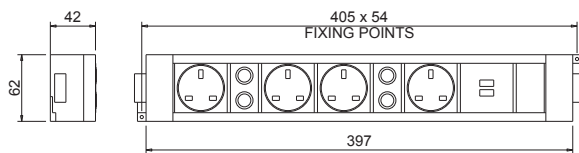
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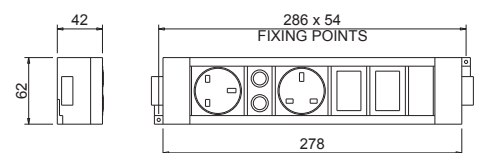
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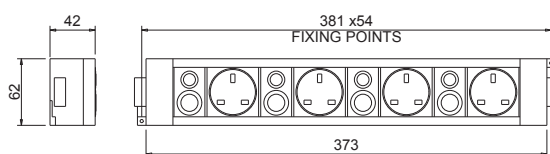
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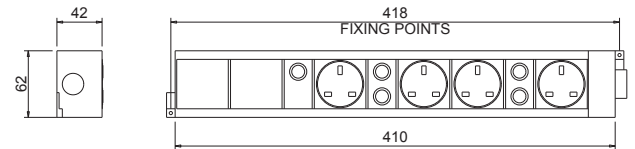
UPD2020



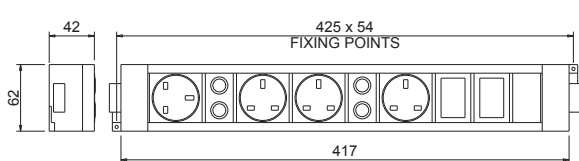
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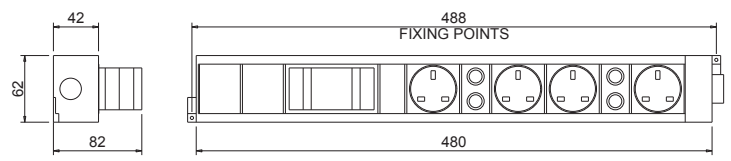
UPR8041



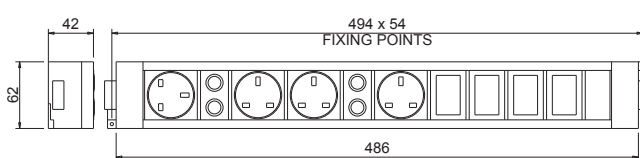
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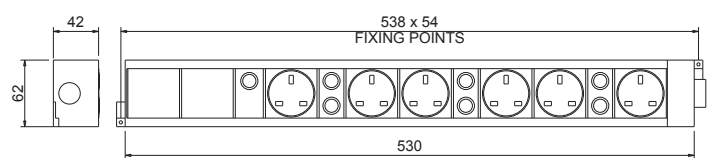
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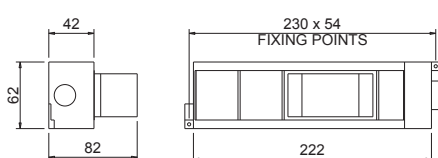
UPD4040



UPR8061



UPR2010 / UPR2020



UPR8063

