



PP10MG – DATA SHEET

The Power Port 10MG provides protected power distribution to electronic security and other devices.

A modular design is easily expanded via edge mounted connectors.

Replaceable glass fuses and a small footprint makes the PP10MG suitable for any enclosure.

Applications

- Power distribution for electronic access control and security devices
- Fused, over-current protection
- Scalable for small, medium or large installations.

Features

- Edge connectors for expansion and flexible installation
- Ten replaceable glass fuse outputs, each with status LED
- Compact double deck terminals
- DIN rail mounting
- Compact size

Benefits

Din rail mounting and the compact size of the PP10MG allow it to easily fit in any security or access control cabinet. The glass fuses can be replaced with other values to suit the equipment and cable to be protected.

Three input terminals are provided on-board in different orientations to make cable connections simple. Connectors on the top and bottom edges allow power to be cascaded through multiple PP10HD boards with minimal wiring.

Technical Data

| | |
|---------------------------------|-------------------------------|
| Input voltage range | 0-28V DC |
| Max current per module | 10A |
| Max constant current per output | 2A (with 2A replacement fuse) |
| Fused outputs | 10 |
| Fuse type | 1A Normal Blow M205 |
| Mounting | DIN rail |
| Dimensions | 75 L X 75 W X 55 H (mm) |
| Country of origin | Australia |

Connections

| Terminal | Description | Max Conductor Size |
|---------------------|-----------------|--------------------|
| P1 & P2 (Pluggable) | Input/Expansion | 2mm ² |
| P3 | Input/Outputs | 3.3mm ² |

Specifier Text

Each power circuit (cable) leaving the electronic security or access control panel must be protected against over-current faults by a fuse. Each fuse must have a value below the current rating of the cable being used but higher than the current draw of the field device. (Refer to AS/CA S0009:2020)

Field device power circuits should be individually fuse protected where practical. Grouping different types of security devices on a single fuse will not be accepted.

Fuses shall be part of a modular DIN rail mount power distribution module complete with LED fuse status indicator. Additional protected power circuits shall be easily added via dedicated expansion terminals. Replaceable glass fuses shall be used and selected to match over-current protection requirements.

Ordering Code

| | |
|---------------|---|
| PP10MG | Power Port 10MG supplied with a din rail mount kit and 10 1A glass fuses |
| PP8PTC | Power Port 8PTC supplied with a din rail mount kit, fire relay and 8 X PPTC fuses. |
| PP10HD | Power Port 10HD supplied with a din rail mount kit and 10 1A PPTC fuses |
| PP8FR | Power Port 8FR supplied with a din rail mount kit, fire relay and 8 X 1A glass fuses. |

Learning

Become a **Jack Fuse Product and Power Certified Technician**.
Free training available online.

More Information: For complete installation notes, data sheets
and technical support please visit www.jackfuse.com

