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10 Way Power Distribution Module

PDM 5-1A

General

The Tactical PDM5 Power Distribution Module offers a user friendly solution to low voltage power distribution for low voltage DC & AC equipment. (eg CCTV & Access Control Systems) The use of PDM modules minimizes the likelihood of a total system shutdown in the event of a short circuit on any one single circuit run.

Featuring state-of-the-art SMD Technology and 10 individual fused circuits - each with an LED to indicate fuse status, the PDM5 is available with a variety of fuse ratings to suit your application - please specify 250mA, 500mA or 1A fuses at time of order. (default configuration is 10 x 1A fuses)

Installers should assess the current draw of each connected device and install a fast-blow fuse of appropriate rating to suit that device, whilst not exceeding the rating of the connected power supply.

Operational Voltage Jumper Setting

PDM5 may be set for use with 12Vdc or 24Vac devices and ships from the factory set for 24Vac operation.

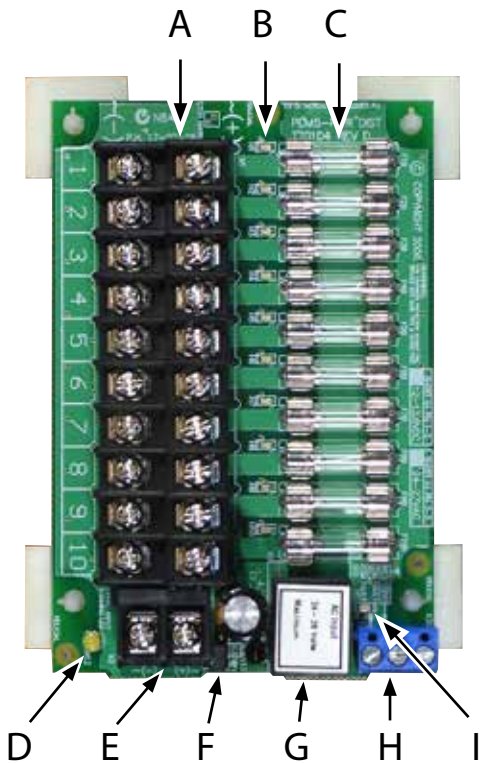
If 12Vdc operation is desired, simply change the X4 Jumper (F) from Pins 2 & 3 to Pins 1 & 2 (outer most pair).

Common Fault Relay

PDM5 includes a common fault output relay (rated at 1A) to drive external devices, such as alarm panels, sounders and DVR alarm inputs, ensuring that failure of any individual circuit does not go unnoticed.

During normal operation all green/red circuit status LED's (B) will be lit. In the event of a fuse failure, the corresponding circuit status LED will extinguish, the Common Fault Relay (G) will change state and the Common Fault LED (I) will light.

When the fault is rectified and the fuse replaced, LED's & Relay will return to normal.



| | Description |
|---|---|
| A | Output Terminal Blocks |
| B | Individual Circuit OK LED's (Green or Red = OK) |
| C | Individual Circuit Fuses |
| D | 24Vac Operation LED |
| E | Input Terminals (Max total current = 10A) |
| F | 12Vdc / 24Vac Jumper Link |
| G | Common Fault Relay |
| H | Common Fault Relay Output (NC - Com - NO) |
| I | Common Fault LED |

PDM 5 Specifications

| | |
|----------------|--------------------|
| Input Voltage: | 12Vdc or 24Vac |
| Output: | 10 x fused outputs |
| Total Current: | 10A Maximum |
| Relay Rating: | 1A SPDT |
| Size: | 110 x 81 x 34 mm |
| Weight: | 120 gm |



TPS13-10DC
13.5Vdc 10A Power Supply with Battery Charger



TPS13-5DC
13.5Vdc 5A Power Supply with Battery Charger



TIM-01
Universal Digital Timer



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PDM6
Power Distribution Board

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