



CUTETM

10 Channel Power Controller

innova.no

Part number: 1055155

The Innova 10 channel Power Controller board provides power switching to 10 separate power outputs. Communication is by RS-232 or RS-485.

The unit has 10 power outputs for switching 12 or 24 VDC loads. Current consumption on each power output is measured and can thus be displayed on the host system.

The power outputs are fitted with “electronic fuses” where the trip level is set by the user and fuses are reset from the host system. The power outputs are also fitted with 2-pole relays for isolating the output in case of electrical leakage in the external circuit connected to the output.

Key features

- 10 switchable power outputs with electronic fuses
- Load voltage range: 12 - 24 VDC
- Fitted with 2-pole relays for isolating the output

Remote control is possible via RS-232 or multi drop RS-485 communication. The unit is configured to act as a slave unit controlled from a master system. Several units can be controlled over a single RS-485 network.

PHYSICAL I/O CONFIGURATION

- 10 switchable power outputs with electronic fuses

POWER, CURRENT AND TEMPERATURE

- Power supply voltage: 12VDC
- Current consumption: 150 mA (excluding external loads)
- Number of power outputs: 10
- Load voltage range: 12 - 24 VDC
- Load current quantification: 10 bit
- Load current measurement range: 2.5 A
- Maximum load fuse level: 2 A
- Temperature range: 0 °C to 70 °C

SIZE AND MOUNTING INTERFACE

- Size (L x W x H): 160 x 100 x 12 mm
- Mounting: Rail mounting on the short edges
Alternatively mounted by 4 holes for M3 bolts, 1 in each corner 5 mm from the edges.

TERMINALS

- Power and serial: Phoenix MC1, 5/8-ST-3, 81 connector
- Power outputs: Phoenix MC1, 5/10-ST-3, 81 connector
Phoenix MC1, 5/6-ST-3, 81 connector

