



CUTETM

4 Channel Power Controller

innova.no

Part number: 1055154 Power Controller 4 Ch
1053613 Power Controller 4 Ch w/notch
1057212 Power Controller 3 Ch

The Innova 4 channel Power Controller board provides power switching to 4 separate power outputs.

The unit has 4 power outputs for switching from 12 to 48 VDC loads. Current consumption on each power output is measured and can thus be displayed on the host system.

This board is also available in a 3-channel version. Each power channel on this version has inputs for 2 different voltages, allowing for the selection of 1 of 2 voltages on the output. Electronic fuses and other features are the same as the 4-channel version.

The power outputs are fitted with "electronic fuses" where the trip level is set by the user and fuses are re-set 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

- 4 switchable power outputs with electronic fuses
- Load voltage range 12 to 48 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

- 4 switchable power outputs with electronic fuses

POWER, CURRENT AND TEMPERATURE

- Power supply voltage: 12 VDC
- Current consumption: 150 mA (excluding external loads)
- Number of power outputs: 4
- Load voltage range: 12 to 48 VDC
- Load current quantification: 10 bit
- Load current measurement range: 11 A
- Maximum load fuse level: 6 A
- Temperature range: 0 °C to 70 °C

SIZE AND MOUNTING INTERFACE

- Size (L x W x H): 160 mm x 100 mm 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, 5/4-ST-3, 81 connector

