

MTL5991 24V DC POWER SUPPLY



The MTL5991 provides a convenient source of power for DIN-rail mounted units in locations where a dc supply is not readily available. The wide input power supply range makes this unit universally applicable and the 2A output capability at 24V dc is sufficient to drive a useful number of MTL5000 and MTL5500 series modules.

SPECIFICATION

Power supply

85 to 264V ac
47 to 63Hz

Power dissipation within unit

7.2W @ 2A

Mounting

35mm DIN (top hat) rail

Output voltage

24V dc nom
(23.64 min/24.36 max)

Output current

2A maximum
(1.7A with <105V ac input)

LED indicators

Green: Power

Weight

310g

Ambient temperature

Operating temperature -10°C to +50°C
Storage temperature -40°C to +85°C

Dimensions

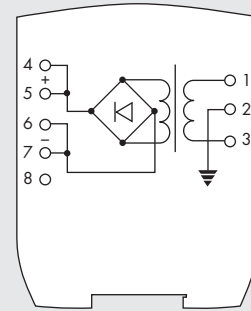
Height (above rail) 107mm
Width 90mm
Rail length required 38mm

Terminals

Cage clamp type accommodating conductors up to 2.5mm², stranded or single-core

Note: Segregation between hazardous and safe area wiring must be maintained.

Safe area



| Terminal | Function |
|----------|------------|
| 1 | AC line |
| 2 | Earth |
| 3 | AC neutral |
| 4 | +24V |
| 5 | +24V |
| 6 | 0V |
| 7 | 0V |
| 8 | Do not use |

DIMENSIONS

