

MTL1000

Common Specifications

Terminals

Accept conductors of up to 2.5mm² stranded or single-core

Power supply voltage,

18V to 32V DC SELV

Isolation

250Vac and dc functional isolation between power, field and system circuits. (Tested to 1100Vac)

Location of units

Safe area

Mounting

T-section 35mm DIN rail (7.5mm or 15mm) to EN 50022

Ambient temperature limits

-20 to +60°C (-6 to +140°F) operating
-40 to +80°C (-40 to +176°F) storage

Humidity

5 to 95% relative humidity

Weight

120g

EMC

EN61326 and NE21*

*For 20mS power interruption compliance a suitable power supply must be used.

Dimensions

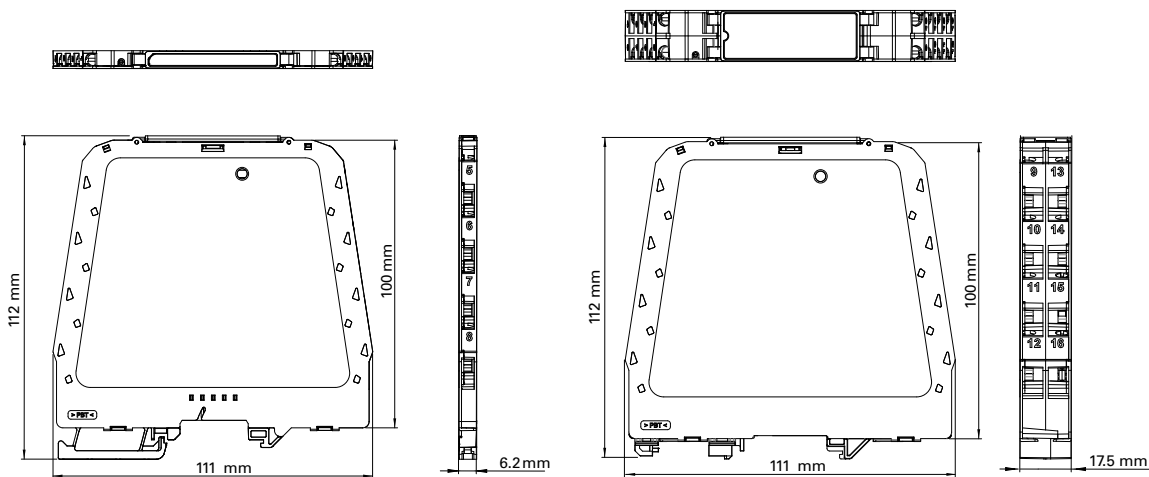


Fig. 1 MTL1000

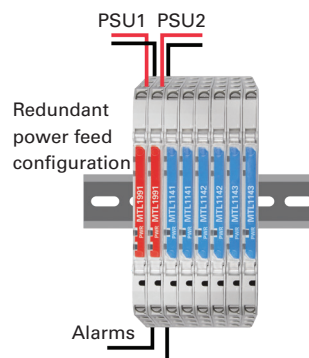
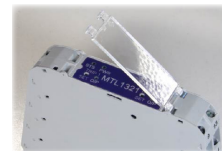
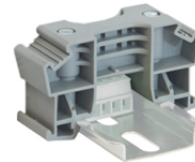
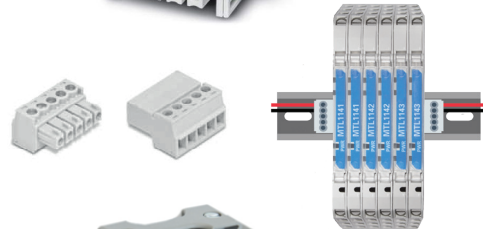
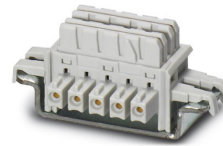
Fig. 2 MTL1300

MTL1000 Common Specifications

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Accessories

- PBUS6.2** DIN rail power bus connector for 2 module positions (pack of 10)
Required for all powered modules, must be ordered separately.
- PBUS17.5** DIN power rail bus connector for 1 module position (pack of 10)
- PBUS02** Power bus, direct connection terminals (1 set)
Used for a single power supply feed directly into the power bus. Max current capacity 8A (Typically 150 modules)
- PBUS03** Module end stop clamp
- TH1000** Module tagging holder (pack of 20)
- TH1300** Module tagging holder for MTL13xx (pack of 10)
- MTL1991** Power feed and alarm module (see separate specification sheet. For single or dual power feeds with power monitor alarm. Maximum load 1A (typically 20 modules)



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