

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

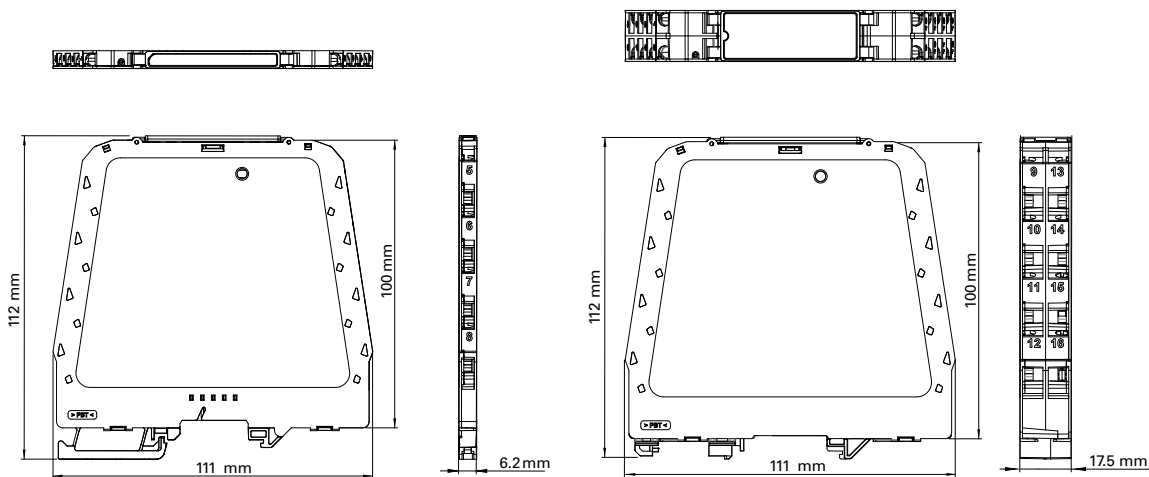


Fig. 1 MTL1000

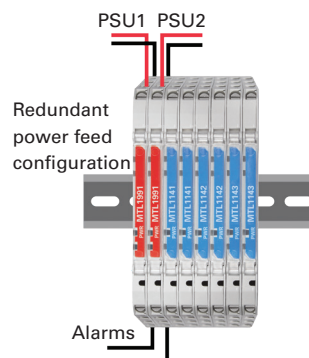
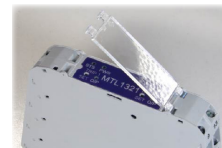
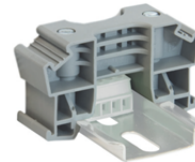
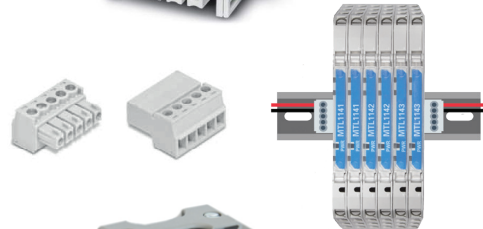
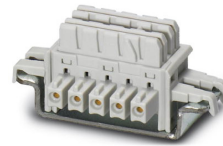
Fig. 2 MTL1300

MTL1000 Common Specifications

November 2018

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)



Eaton Electric Limited,
Great Marlings, Butterfield, Luton
Beds, LU2 8DL, UK.
Tel: + 44 (0)1582 723633 Fax: + 44 (0)1582 422283
E-mail: mtlenquiry@eaton.com
www.mtl-inst.com

© 2018 Eaton
All Rights Reserved
Publication No. EPS1000 Rev 7 201118
November 2018

EUROPE (EMEA):
+44 (0)1582 723633
mtlenquiry@eaton.com

THE AMERICAS:
+1 800 835 7075
mtl-us-info@eaton.com

ASIA-PACIFIC:
+65 6645 9864 / 9865
sales.mtlsing@eaton.com

The given data is only intended as a product description and should not be regarded as a legal warranty of properties or guarantee. In the interest of further technical developments, we reserve the right to make design changes.