

9378-FT Fieldbus Terminator

- For use with MTL 9370-FB range of fieldbus barrier systems for FOUNDATION™ fieldbus networks in hazardous areas
- Terminates fieldbus trunk for optimum signal quality
- Complies with IEC 61158-2
- 'Live pluggable' in Zone 1 hazardous areas without gas clearance



The 9378-FT fieldbus terminator provides "far end" termination of the trunk cable for MTL 9370-FB range of fieldbus barriers in Foundation™ fieldbus networks. Designed specifically for installation on the Trunk Terminal Assembly inside the system enclosure, its pluggable construction allows it to be installed simply in whichever enclosure is at the end of the fieldbus segment.

Specially certified connectors in the 9378-FT allow it to be removed and replaced while powered from the mating sockets on the trunk terminal assembly in a Zone 1 hazardous area.

SPECIFICATION

Termination type

Provides 100W + 1 μ F according to IEC 61158-2

ENVIRONMENTAL

Ambient temperature

-40°C to +75°C

Relative humidity

< 95%, non-condensing

Electromagnetic compatibility

EN 61326 – 1: 2006

EN 55022 class A

NAMUR NE 21

Vibration

BS EN 60068-2-6: 2008 Test Fc: 1g

BS EN 60068-2-64: 1995 Test Fh: 1g

Shock

BS EN 60068-2-27: 1993 Test Ea: 15g

HAZARDOUS AREA APPROVALS

Location of module

Safe area,
IEC Zone 2 IIC T4 hazardous area,
IEC Zone 1 IIC T4 hazardous area

Certification code

E II 2G Ex de mb IIC T4 Gb
-45°C < T_a < 75°C

Certificate numbers

Baseefa 09 ATEX0323U

IECEX BAS 09.0087U

MECHANICAL

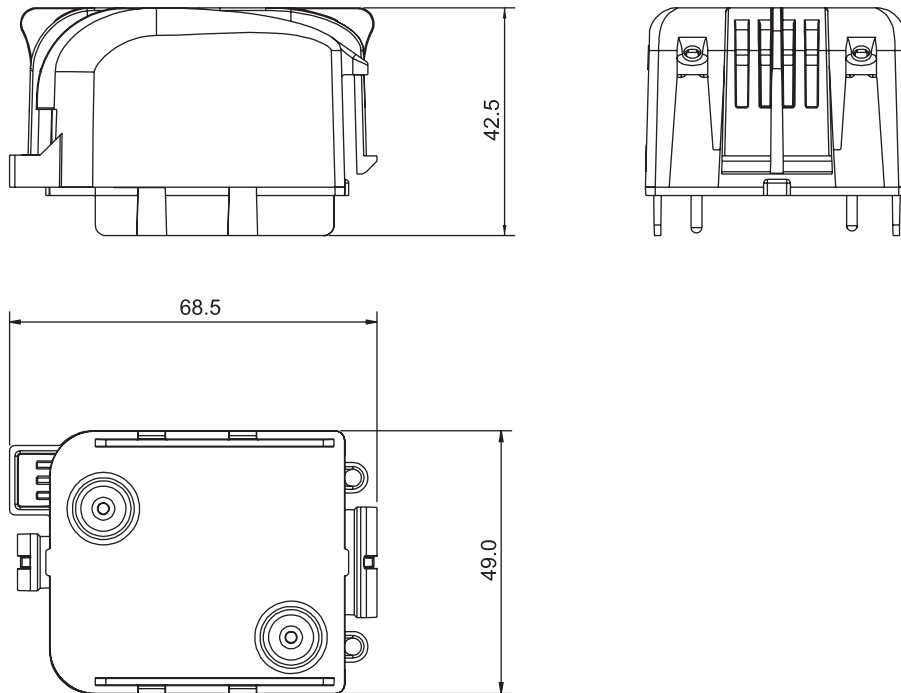
Weight

120g approx.

Dimensions

See diagram

DIMENSIONS (mm)



Powering Business Worldwide

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

© 2016 Eaton

All Rights Reserved

Publication No. EPS 9378 Rev 3 150616

November 2016

EUROPE (EMEA):

+44 (0)1582 723633

mtlenquiry@eaton.com

THE AMERICAS:

+1 800 835 7075

mtl-us-info@eaton.com

ASIA-PACIFIC:

+65 6 645 9888

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.