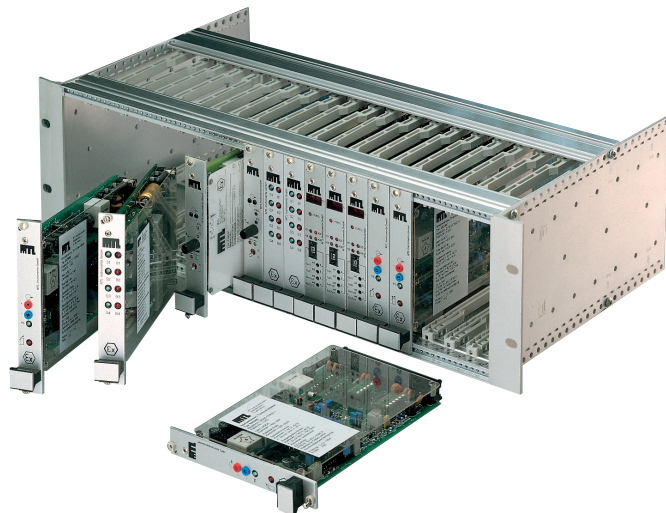


MTL E range Eurocard isolators

- High quality galvanic isolators, designed to DIN 41494 Eurocard standard
- Choice of input/output options
- Three-port isolation—input, output and power supply isolated from each other
- 24V dc supply
- High transfer accuracy
- Units conform to NAMUR EMC standards
- Intrinsically safe models. TÜV certified to CENELEC standards and the ATEX Directive



The MTL E range is a high quality galvanic isolators, in 19-inch Eurocard format.

All MTL Eurocard interface devices conform to the DIN41494 Eurocard standard and also to NAMUR EMC standards. The IS versions are TÜV certified to CENELEC standards and the ATEX Directive.

The Eurocard range provides some common interface functions, including HART® compatibility, so that most installations can be designed easily using the cards. They operate with a 24V dc supply.

Note:

These remaining models of the Eurocard range are offered to support the maintenance or modification of existing installations using this construction format.

For new installations it is strongly recommended that alternative systems such as backplane-mount or DIN-rail are considered.

The Eurocards offer a choice of input/output options, high transfer accuracy and a selection of alternative formats. Single-channel and multi-channel cards, up to four channels, are also available.

This range of Eurocard modules offers replacement options for several of the previous suppliers of this equipment. Please contact your local Eaton's MTL product line distributor to check compatibility with your specific requirement.

HART® is a registered trademark of HART Communication Foundation

PRODUCT DESCRIPTION AND SPECIFICATIONS

Compatibility to other vendors' products is achieved by dedicated pin out of the module connector. This gives the option to use our product in a place where a broken card from another vendor needs to be replaced. Contact your Eaton's MTL product line representative for a copy of the instruction manual of the model for full details.

E02002	Transmitter Power Supply, 1-channel, HART IS input [Ex ia] IIC, with HART® linear or square root characteristics live-zero monitor option for deviation monitoring from input to output
E02007	Isolating driver, 2-channel, HART IS output [Ex ia] IIC, with HART® single or dual channel version
E02008	Transmitter Power Supply, 2-channel, HART IS input [Ex ia] IIC single or dual channel version HART®-option
E02009	Transmitter Power Supply, 2-channel, HART IS input [Ex ia] IIC Transmitter Power Supply can be de-energized by switches on fascia dual channel version only HART®-option
E05016	Switch/Proximito detector Interface with Relay output, 4-channel IS input [Ex ia] IIC 4-channel NAMUR-initiators or dry contacts relay output with 2 contacts per channel (n/o, n/c selectable)
E05510	Switch/Proximity detector Interface, 4-channel IS input [Ex ia] IIC 4-channel NAMUR-initiators or dry contacts transistor outputs

Comprehensive specifications can be obtained through your MTL product line representative.

APPROVALS

Product No.	Approved for	Certificate No.
E02002	II(1)G [Ex ia Ga] IIC	TÜV 98 ATEX 1290 X
E02007	II(1)G [Ex ia Ga] IIC	TÜV 00 ATEX 1575
E02008	II(1)G [Ex ia Ga] IIC	TÜV 00 ATEX 1639 X
E02009	II(1)G [Ex ia Ga] IIC	TÜV 97 ATEX 1216 X
E05016	II(1)G [Ex ia Ga] IIC	TÜV 02 ATEX 1963
E05510	II(1)GD [Ex ia Ga] IIC [Ex ia Da] IIIC	Baseefa 11 ATEX 0113 X



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

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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.