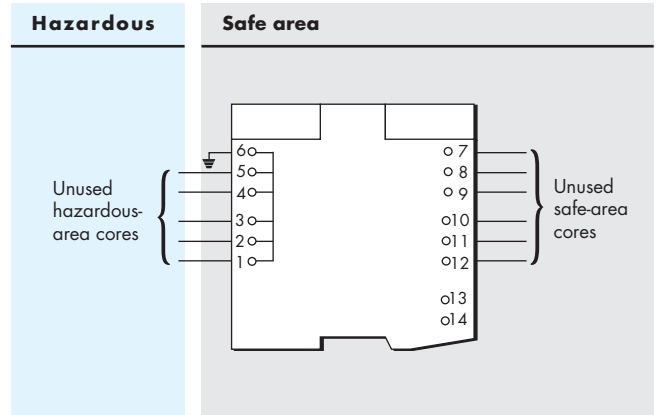


MTL5099 DUMMY ISOLATOR

The MTL5099 is used with other MTL5000 range of units to provide termination and earthing facilities for, unused cable cores from hazardous areas.



| Terminal | Function |
|----------|---------------------|
| 1 | Hazardous-area core |
| 2 | Hazardous-area core |
| 3 | Hazardous-area core |
| 4 | Hazardous-area core |
| 5 | Hazardous-area core |
| 6 | Earth |
| 7 | Safe-area core |
| 8 | Safe-area core |
| 9 | Safe-area core |
| 10 | Safe-area core |
| 11 | Safe-area core |
| 12 | Safe-area core |

MTL5000 RANGE COMMON SPECIFICATION

Connectors

Each MTL5000 unit is supplied with signal and power connectors, as applicable.

When using crimp ferrules for the hazardous and non-hazardous (safe) signal connectors the metal tube length should be 12mm and the wire trim length 14mm. For the power connectors the metal tube length should be 10mm and the wire trim length 12mm. See INM5000 for recommended ferrules.

Isolation

250V rms between input, output and power supply terminals, tested at 1500V rms minimum between safe- and hazardous-area terminals. MTL5073, output and power supply not isolated.

Location of units

Safe area

Terminals

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

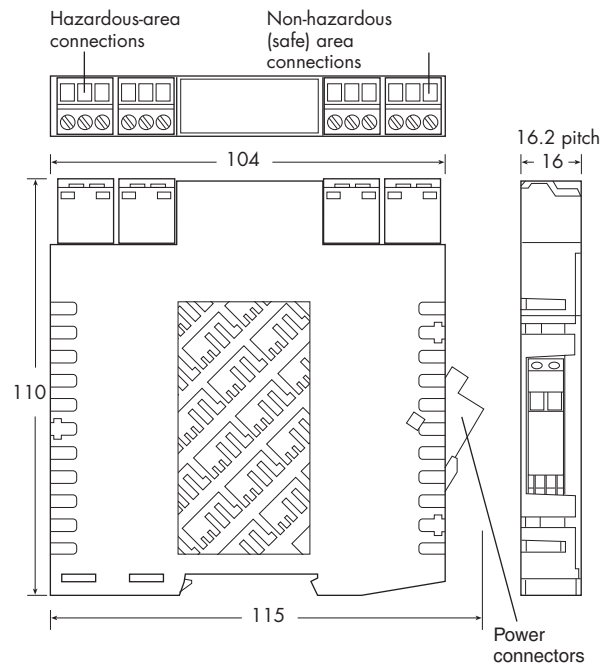
Mounting

On 35mm (top hat) rail to :
EN 50022-35 x 7.5; BS 5584;
35 x 27 x 7.3 DIN 46277

Ambient temperature limits

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

DIMENSIONS



Humidity

5 to 95% relative humidity

Weight

110g approx (except where indicated)

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.



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