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TECHNOLOGY GROUP

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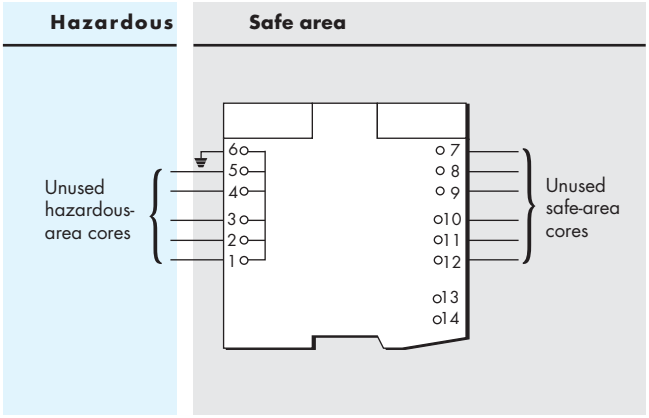
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MTL5099 DUMMY ISOLATOR

The MTL5099 is used with other MTL5000 Series 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 SERIES COMMON SPECIFICATION

CE

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 2.5mm^2 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

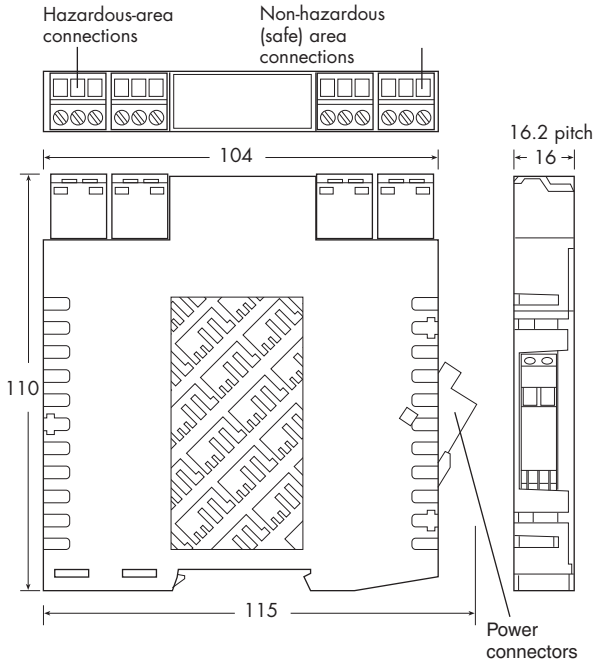
Humidity

5 to 95% relative humidity

Weight

110g approx (except where indicated)

DIMENSIONS



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