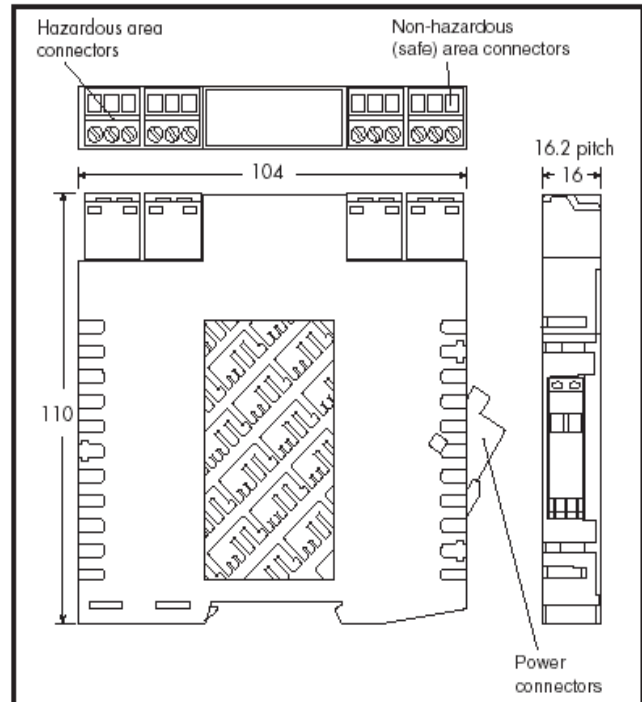


MTL 5000 SERIES - IS Isolating Interface Module [EEx ia] IIC COMMON SPECIFICATION



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 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

1 10g approx (except where indicated)

Supplied by:

A.S.P. Electro-Technology Ltd
Specialist Suppliers of Hazardous Area Certified
Electrical Products & Instrumentation



39 London Road, Hinckley, LE10 1HQ. U.K.
Tel: +44 (0)1455 635796 Fax: +44 (0)1455 251110
Email: sales@asp-electro-tech.com Web: www.asp-electro-tech.com

This publication is not intended to form the basis of a contract. All the above specifications, dimensions, weights, tolerances etc are typical and may be varied or changed by the manufacturer without prior notice. A.S.P. Electro-Technology accept no liability for consequence of use.