

COMMON SPECIFICATION

Location of unit

Safe area

Isolation

250V ac between input, output and power supply terminals
Tested at 1500V rms minimum between safe and hazardous-area terminals

Power supply

Each model* is available in three versions:
240V ac nominal, 180–260V, 48–65Hz
120V ac nominal, 90–130V, 48–65Hz
24V dc nominal, 20–32.5V (including transients and ripple)
*(except the MTL2441B/2442B which are available only for ac supplies)

Replaceable fuse (24V dc units only)

160mA, 5 x 20mm glass, DIN 41571 sheet 2

Maximum safe-area voltage (U_m)

250V rms or dc, nominal (absolute maximum in USA)

Humidity

5–95% RH

Terminals

For conductors up to 4mm² (12AWG)

Mounting

On 35mm rail to EN 50 022, BS 5584 and DIN 46277, or on a flat surface using an SMC2 surface mounting clip

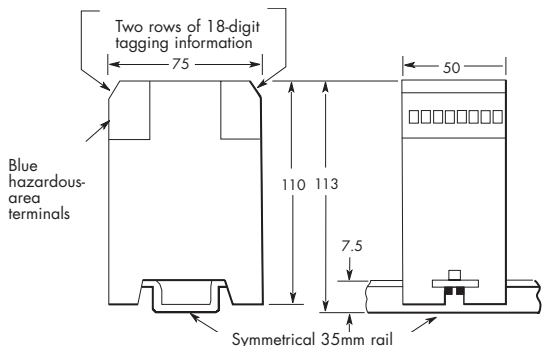
Tagging

Two 18-digit rows of Klippon BSG ½ marking tags

Weight

500g approximately

DIMENSIONS (mm) and MOUNTING DETAILS



ENCLOSURES and ACCESSORIES

A range of enclosures is available which provides IP65 protection for up to 2, 4, 8, or 18 units. Alternatively, units can be installed in users' own racks or panels with MTL700 Series accessories which also provide full tagging and cable screen earthing facilities.

CONDITIONS of USE

Conditions governing the use of MTL2000 Series interface units are given in the relevant certificates and schedules, copies of which are available on request.

TO ORDER, specify:

- 1) Model number, eg:**
MTL2210B 1-channel switch-operated relay
- 2) Power supply version, ie:**
240V ac, 120V ac, 24V dc (except the MTL2441B/2442B which are available only for ac supplies)
- 3) Literature**
AN9008 A user's guide to MTL3000 and 2000 Series interface units

APPROVALS - for the latest certification information visit www.mtl-inst.com/certs_1.nsf



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Oct 2004