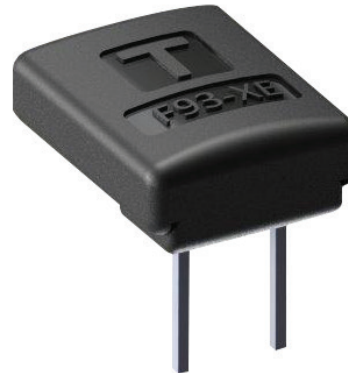


# MTL F93-XE

## Fieldbus barrier terminator

- Designed for use in the MTL 937x-FB2 (enclosure system) and 938x-FB2 (open frame) fieldbus barriers.
- Provides "far-end" termination in FOUNDATION fieldbus™ H1 networks.
- Suitable for mounting in a Safe area or a Zone 2 or Zone 1 location.



The **MTL F93-XE fieldbus barrier terminator** should be used where the fieldbus barrier is the last (or only) device coupler on the segment. The segment must be terminated correctly to ensure that optimum signal quality is maintained.

The Trunk Termination Area has provision for a fieldbus terminator to be fitted when required. Terminator model F93-XE is used with these fieldbus barriers to provide the correct termination on the trunk segment.

### Outline technical specification

Model number F93-XE	
Description	Fieldbus terminator, removable <sup>Note 1</sup>
Intended application	MTL 937x-FB2 Fieldbus Barrier range
Technical compliance	IEC 61158-2 FOUNDATION™ fieldbus H1
Electrical characteristics	100Ω, 1μF nominal
Hazardous area approval	ATEX; IECEx Method of protection: Ex m (encapsulated)
Construction	Nylon-based polyamide encapsulated body over FR4 printed wiring board
Reliability	Polarity insensitive; Fault-tolerant design <sup>Note 2</sup>
Means of connection	Via Ex e certified spring clamp or screw terminal connectors on 937x-FB2 range module carrier Connector pitch: 10 mm
Marking	Carries part number and 'T' symbol
Dimensions (body)	22.9 x 18.5 x 8.4 mm nom.
Colour	Black

#### Notes:

1. Removal and replacement must not be undertaken unless the area in which the equipment is installed is known to be non-hazardous, or the circuit to which it is connected has been de-energised.
2. Fieldbus termination maintained in event of internal open-circuit component fault.