

# MTL5500 SERIES COMMON SPECIFICATION

Please go to our website at [www.mtl-inst.com](http://www.mtl-inst.com) for the latest information regarding safety approvals, certificates and entity parameters.

## Connectors

Each MTL5500 unit is supplied with signal 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.

## Isolation

250V rms, tested at 2200V rms minimum, between safe-area, hazardous-area and power supply terminals  
50V ac or dc between safe-area circuits where applicable.

## Supply voltage

20 – 35V dc

## Location of units

Safe area

## Terminals

Accepts conductors of up to 2.5mm<sup>2</sup> stranded or single-core

## Mounting

MTL5500 series backplanes

## Ambient temperature limits

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

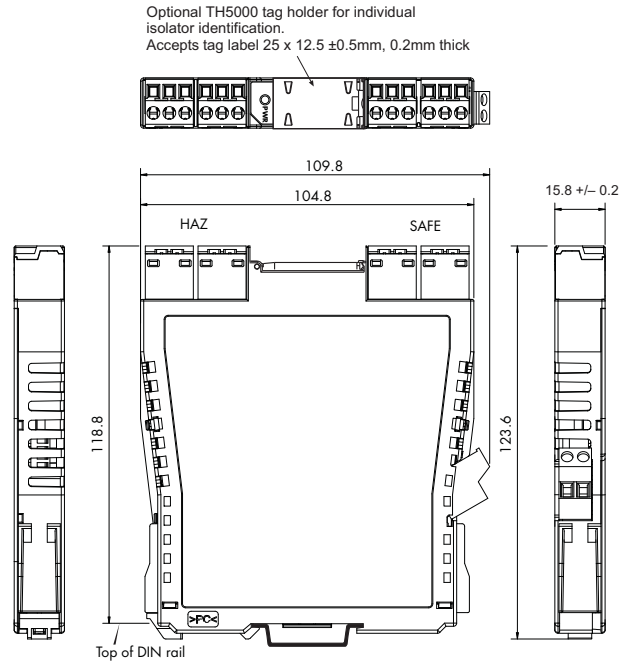
## Humidity

5 to 95% relative humidity

## Weight

110g approximately (except where indicated)

## DIMENSIONS (mm)



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