

MTL4700 SERIES

COMMON SPECIFICATION

DIMENSIONS (mm)

Ambient temperature

- 20 to +60°C (continuous working)
- 40 to +80°C (storage)

Humidity

5 to 95% RH

Leakage current

For 'basic' barriers with a working voltage of 5V or more, the leakage current decreases by at least one decade/volt reduction in applied voltage below the working voltage over two decades. For the MTL4755ac it decreases by at least one decade for a 0.4V reduction in applied voltage.

Safe-area terminations

Through 11-way base connector onto backplane.

Pins 7, 12 and 17 are earth connections for all modules and are tracked on all backplanes to the heavy-duty earth terminal.

Pins 15 and 16 on busbed-power modules pick up power from busbed-power backplanes.

Pins 15 and 16 on modules which cannot pick up busbed power are not linked internally.

Hazardous-area terminations

By separate 6-way connector into the barrier top

Colour coding (barrier top label)

- Grey: non-polarised
- Red: positive polarity
- Black: negative polarity
- White: dummy barrier

Weight

175g approximately (each module)

