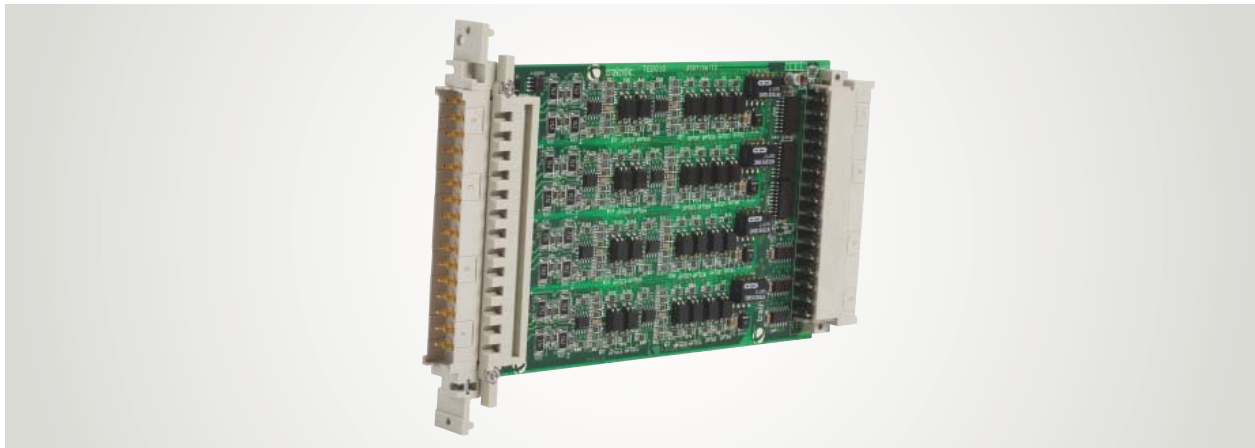


• Digital Inputs Board.



CHARACTERISTICS

- 16 channels.
- Inputs reading with respect to references value: existence of hysteresis and HW and SW filter to stabilise the readings of the channels and discriminate transient conditions.
- 1kV galvanic isolation.
- Reading check selftest.
- 1mA per current channel.
- Wetting current circuit.
- Protections:
 - > Transient overvoltages: EN50121-3-2 (surges).
- Designed in accordance with IEC 61375-1, EN50155.

FUNCTIONALITY

- Reading of 16 digital Inputs channels, grouped in 1 group of 12 positive input channels and 4 positive/negative configurable independent channels, galvanically isolated.
- Reading based on the comparison of voltage with respect to reference power.

RELIABILITY

- MKBF: 22.583.100 km (average speed of 30km/hour).
- MTBF: 752.770 hours (50°C air temperature).

CONSUMPTION

- 5V (Imax=500mA).

DIMENSIONS AND WEIGHT

- 4HP x 3U (width x height).
- Weight: 180g.

