

**INTERFACE  
MODULES TCN**

**TCN INTERFACES.**

- TCN network direct connection.
- This facilitates the control and supervision of rail equipment from the main train network.



**DESCRIPTION**

The TCN interface module provides a gateway to the TCN network for any rail equipment operating under any other interface (RS485, CAN, etc.)

In this way, the equipment is controlled and variables are transmitted from the main train communications bus rather than each item of equipment operating under a secondary bus or with their own wiring.

**DIMENSIONS AND WEIGHT**

- Dimensions: 8HP x 3U (width x height).
- Weight: 250 g.

**CHARACTERISTICS**

- Interfaces:
  - > RS485 interface.
  - > TCN interface.
  - > CAN interface.
  - > RS232 interface (for equipment configuration).
  - > Other.
- LEDs for fault detection and to facilitate maintenance.
- Designed in accordance with IEC 61375-1, EN50155.
- Operating temperature: -25 to 85 °C (T3).
- Battery voltage: 24-110 VDC.
- Reliability:
  - > MKBF: 38.463.807 km (average speed of 30km/hour).
  - > MTBF: 1.282.127 hours (50°C air temperature).
- Consumption:
  - > Consumed Power: 5V (Imax=400mA).

