

Railbus isolator

8922-RB-IS

- ◆ provides galvanic isolation between Railbus sections
- ◆ prevents fault-voltage invasions
- ◆ protects IS field wiring modules

MODULE SPECIFICATION

See also System Specification

MECHANICAL

Dimensions (approx.)110 (w) x 160 (h) x 42 (d) mm

Weight345 g (typ.)

HAZARDOUS AREA APPROVALS

Location of module

.....Class 1, Div 2, Group A, B, C, D hazardous location or

.....Zone 2, IIC T4 hazardous area

'Safe area' Railbus $U_m = 250\text{ V}$

Isolated Railbus $U_n = 18\text{ V}$

POWER SUPPLIES

'Safe area' Railbus supply current* .50 mA (max.) @ 12 V

IS Railbus supply current*60 mA (max.) @ 12 V

Power dissipation within module.....1.2 W (max.)

* Note: DC power for the Railbus Isolator is required from both sides of the galvanic interface.

