

IS 8-module carrier - extended addressing

8729-CA-08

- ◆ 64-slot address bus*
- ◆ accepts up to eight 2/1 I/O modules and field terminals
- ◆ printed wiring board
- ◆ rugged polycarbonate moulding
- ◆ DIN rail or panel mounting
- ◆ carries control signals and data on Railbus
- ◆ distributes DC power to modules
- ◆ isolated earthing bar for cable screens/shields



CARRIER SPECIFICATION

See also System Specification

HAZARDOUS AREA APPROVALS

Location of carrier

.....Class 1, Div 2, Groups A, B, C, D T6 hazardous location or
Zone 2, IIC T6 hazardous location

Field terminals acceptedIS only

I/O modules accepted 2/1 only

Applicable standards:

- ◆ Factory Mutual Research Co., Class No. 3611 for Class I, Division 2, Groups A, B, C, D hazardous locations
- ◆ CSA Std C22.2 No. 213 for Class I, Division 2, Groups A, B, C, D hazardous locations
- ◆ ATEX Category 3 (for Zone 2 installation) to EN50021:1999 protection type 'n'

ELECTRICAL

Railbus connectorsmale in, female out

Module address range1-64

Earth leakage detection

4-pin connectors (see right) are provided at the top/rear of the carrier for wiring the individual modules to earth leakage detectors, e.g. MTL2220*

*Refer to MTL for earth leakage detection support within I/O modules

MATERIALS

Carrier mouldingModified poly-phenylene oxide

Printed wiring boardEpoxy resin woven glass laminate

ENVIRONMENTAL

Ambient temp

Operating- 40°C to + 70°C

Storage- 40°C to + 85°C

Relative Humidity5 to 95% RH (non-condensing)

Vibration and ShockSee System specification

MECHANICAL

Dimensions342 (w) x 170 (d) x 22 (h) mm

Weight680 g

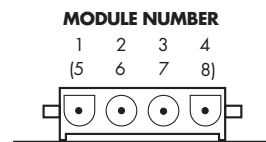
Mounting methodsFlat panel or DIN rail

DIN-rail types

.....'Top hat' 35 x 7.5 mm rail or 35 x 15 mm rail to EN 50022

.....G-section rail to EN 50035

* For use only with 8521-XX-XX controller/EBIM, and cannot be mixed with 32-slot address carriers



Connector is repeated for modules 5 to 8

