

IS 4-module carrier

8720-CA-04

- ◆ 32-slot address bus*
- ◆ accepts up to four 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 node

.....Class 1, Div 2, Groups A, B, C, D T4 hazardous location or
Zone 2, IIC T4 hazardous location

Location of field wiring

.....Class 1, Div 1, Groups A, B, C, D T4 hazardous location or
Zone 1 /Zone 0, IIC T4 hazardous location

Field terminals acceptedIS only

I/O modules accepted 2/1 only

ELECTRICAL

Railbus connectorsmale in, female out

Module address range1-32

Earth leakage detection

A 4-pin connector is 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 sheet

MECHANICAL

Dimensions178 (w) x 170 (d) x 22 (h) mm

Weight350 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

* Must not be mixed with 64-slot address bus carriers

MODULE NUMBER

