

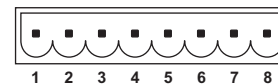
8-module carrier

8707-CA-08

- ◆ 32-slot address bus*
- ◆ accepts up to eight 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
- ◆ distributes Bussed Field Power to modules
- ◆ isolated earthing bar for cable screens/shields



BUSSED FIELD POWER CONNECTIONS



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 wiringAs node

Field terminals accepted.....General purpose, 2/2

I/O modules accepted..... General purpose, 2/2

ELECTRICAL

Railbus connectors.....female in, male out

Module address range.....1-32

Bussed field power supply (optional)

Two 8-pin connectors are provided at the top rear of the carrier to connect power supplies for 'field power'. Such supplies are routed through certain I/O module to provide power to field circuits.

MATERIALS

Carrier moulding.....Modified poly-phenylene oxide

Printed wiring board.....Epoxy 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 Shock.....See System specification sheet

MECHANICAL

Dimensions.....342 (w) x 170 (d) x 22 (h) mm

Weight.....680 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

Terminal		Bussed Field Power
1	}	I/O Modules 1 & 2
2		-ve (or Neutral)
3	}	I/O Modules 1 & 2
4		+ve (or Live)
5	}	I/O Modules 3 & 4
6		+ve (or Live)
7	}	I/O Modules 3 & 4
8		-ve (or Neutral)

Note: A second connector uses the same pin assignments for modules 5 & 6 and 7 & 8.

* Must not be mixed with 64-slot address carriers



GE Intelligent Platforms Contact Information

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Global regional phone numbers are listed by location on our web site at www.ge-ip.com/contact

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