PAC8000 EXTENDED-ADDRESS CARRIER

Product Data Sheet

8709-CA-08

Eight-module extended-address I/O carrier

I/O MODULE POSITIONS	ADDRESS BUS CAPACITY	COMPATIBLE CONTROLLER SCOPE	ADDRESSING EXCLUSION
Eight	**64 slots**	**8521-XX-XX controller/EBIM**	**Cannot mix with 32-slot address carriers**

General Electric 8709-CA-08 is an eight-module PAC8000 I/O carrier with extended 64-slot addressing and an isolated screen/shield earthing bar. Its printed wiring board and molded carrier form the mechanical and Railbus foundation for the attached I/O modules and field terminals.

01 TECHNICAL DATA

I/O module positions	Eight
Address bus capacity	64 slots
Compatible controller scope	8521-XX-XX controller/EBIM
Addressing exclusion	Cannot mix with 32-slot address carriers
Railbus connectors	Female input and male output
Field power connections	Two eight-pin connectors
Earth arrangement	Isolated screen/shield earthing bar
Carrier molding	Modified polyphenylene oxide
Printed board construction	Epoxy woven-glass laminate
Mounting methods	Flat panel or DIN rail

MTL Instruments 8709-CA-08 Carrier Datasheet, July 2005.

02 ADDITIONAL PRODUCT DATA

Top-hat rail support	35 x 7.5 mm or 35 x 15 mm
Additional rail support	G-section to EN 50035
Operating temperature	-40 to +70 degC
Storage temperature	-40 to +85 degC
Relative humidity	5-95% noncondensing

03 PRODUCT FUNCTION

The carrier uses female-in and male-out Railbus connectors and two eight-pin bussed-field-power connections. It supports flat-panel and specified DIN-rail mounting. The manufacturer restricts this extended-address carrier to 8521-XX-XX controller/EBIM arrangements and states that it cannot be mixed with 32-slot-address carriers.

04 SYSTEM COMPATIBILITY

Mount on the flat panel or the listed DIN rail and connect Railbus in the documented female-in/male-out direction. Route screen and shield connections to the isolated earthing bar as specified by the installation design.

05 REFERENCE

MTL Instruments 8709-CA-08 Carrier Datasheet, July 2005.

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