AC 800M INSUM

Product Data Sheet

CI857K01

Communication interface kit

COMMUNICATION PROTOCOL	OPERATING ROLE	MAXIMUM CEX UNITS	NETWORK CONNECTOR
INSUM	**Master**	**6**	**RJ45, 8-pin female**

ABB CI857K01 is an AC 800M communication interface kit for INSUM. It includes the communication unit and its TP853 baseplate, linking the controller CEX-Bus to the documented external communication arrangement.

01 TECHNICAL DATA

Communication protocol	INSUM
Operating role	Master
Maximum CEX units	6
Network connector	RJ45, 8-pin female
CEX supply	24 V DC
Typical supply current	150 mA
Line redundancy	Not supported
Module redundancy	Not supported
Hot insertion	Supported
High Integrity controller use	Supported

02 ADDITIONAL PRODUCT DATA

Operating temperature	0 to +55 deg C
Storage temperature	-40 to +70 deg C
Ingress protection	IP20
Corrosion classification	ISA 71.04 G3
CE marking	Yes

03 PRODUCT FUNCTION

CI857 communicates with the INSUM gateway over 10 Mbit/s Ethernet through an eight-pin RJ45 socket. It draws 150 mA typically from the 24 V CEX supply and supports a maximum of six interfaces on the CEX-Bus. Both the interface and baseplate must retain their matching mechanical coding.

04 SYSTEM COMPATIBILITY

Connect the RJ45 port to the documented INSUM Ethernet gateway. Use 10 Mbit/s-compatible network equipment and configure the controller interface consistently with the gateway.

05 REFERENCE

ABB Compact Product Suite Catalog 3BSE062980

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