AC 800M PROFINET IO

Product Data Sheet

CI871K01

Fieldbus interface kit

NETWORK PROTOCOL	ETHERNET LINE RATE	ACTIVE NETWORK CHANNEL	ETHERNET CONNECTOR
PROFINET IO	**10 or 100 Mbit/s**	**CH1**	**RJ45**

ABB CI871K01 is an AC 800M communication interface kit for PROFINET IO, supplied with the TP867 baseplate. It transfers process communication between the controller CEX-Bus and the corresponding external network.

01 TECHNICAL DATA

Network protocol	PROFINET IO
Ethernet line rate	10 or 100 Mbit/s
Active network channel	CH1
Ethernet connector	RJ45
CEX supply voltage	24 V DC
Supply current	160 mA typical; 250 mA maximum
Power dissipation	3.8 W typical; 6 W maximum
Ingress protection	IP20
Processor	MPC862P
Processor clock	96 MHz

02 ADDITIONAL PRODUCT DATA

Ethernet standard	IEEE 802.3u 10/100 Base-TX
Baseplate coding	Mechanical code lock
Run indication	Green LED
Fault indication	Red LED
Traffic indication	Flashing yellow RxTx1 LED

03 PRODUCT FUNCTION

The TP867 baseplate provides two RJ45 positions, but this interface uses only CH1 for 10/100 Mbit/s PROFINET IO traffic. The unit takes power through the CEX-Bus and provides separate run, fault and traffic indicators.

04 SYSTEM COMPATIBILITY

Connect PROFINET IO through CH1 and an Ethernet switch. CH2 on this legacy interface is not an additional operational network port, despite the second RJ45 position on TP867.

05 REFERENCE

ABB AC 800M Controller Hardware 3BSE036351-600 A

AMIKON PRODUCT SUPPORT

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