

CI873 Classic

System 800xA hardware selector



The CI873 is an AC 800M communication interface that connects to external Ethernet devices using the EtherNet/IP protocol. The TP867 Baseplate has two RJ45 Ethernet connectors, but only the CH1 connector that supports 100Mbps is used. The CI873 expansion unit contains the CEX-Bus logic, a communication unit, and a DC/DC converter that supplies the required voltage from +24 V supply through the CEX-Bus. The new S200CI873IoHwlib adds support for the S200 I/O adaptor 200-AENTR to be used with CI873.

This new adaptor gives a simple and cost effective upgrade path for directly connected S200 I/O on SattCon 200, SattLine 200, Advant Controller 210, Advant Controller 250 and AC 800C. The 200-AENTR has two Ethernet ports with an in-built switch, which means that the adaptors can be daisy-chained to the CI873 using cross-wired Ethernet-cables without the need for external switches.

Features and benefits

- Supports connection for S200 I/O via 200-AENTR adaptor
- Supports Ethernet/IP and Device Net protocols

General info	
Article number	3BSE056899R1
Protocol	EtherNet IP / DeviceNet
Life cycle status	Classic
Master or slave	Master
Transmission speed	10/100 Mbit/s
Line redundancy	No
Module redundancy	Yes
Hot Swap	Yes
Used together with HI Controller	Yes

Detailed data	
Max units on CEX bus	12
Connector	RJ-45 female (8-pin)
24 V consumption typ.	typ 160 mA

Environment and certification	
Temperature, Operating	55 °C
Protection class	IP20 according to EN60529, IEC 529
CE- marking	Yes
Hazardous location	UL 60079-15, cULus Class 1, Zone 2, AEx nA IIC T4, ExnA IIC T4Gc X
Marine certificates	ABS, BV, DNV-GL, LR
RoHS compliance	DIRECTIVE/2011/65/EU (EN 50581:2012)
WEEE compliance	DIRECTIVE/2012/19/EU

Dimensions	
Height	185 mm (7.3 in.)
Width	59 mm (2.3 in.)
Depth	127.5 mm (5.0 in.)
Weight (including base)	700 g (1.5 lbs)

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