CI860
System 800xA hardware selector

If there is a need to have access to FF process variables in the AC 800M controller, connectivity between the HSE subnet and the controller is established with the CI860 - the Communication Interface FOUNDATION Fieldbus HSE.

Then FOUNDATION Fieldbus process data on HSE can be accessed from the IEC 61131 applications in the AC 800M controllers. For this purpose, the CI860 module maps the value and status parts of the FF signals to the IEC 61131 application and vice versa.

The CI860 is powered by the processor unit, via the CEX-Bus, and therefore does not require any additional external power source.

Features and benefits

- The CI860 can be used in redundant mode
- Up to twelve CI860 modules can be placed at one AC800 M also in redundant mode, and each of them can be connected to the same or to a separate FOUNDATION Fieldbus HSE subnet.
- The ABB FOUNDATION Fieldbus Linking Device LD800HSE/LD 800HSE EX acts as a gateway between the HSE subnet and up to four separate H1 links.

General info	
Article number	3BSE032444R1
Protocol	FOUNDATION Fieldbus HSE
Master or slave	Master / Slave
Transmission speed	10/100 Mbit/s
Line redundancy	No
Module redundancy	Yes
Hot Swap	Yes
Used together with HI Controller	No

Detailed data	
Max units on CEX bus	12
Connector	RJ-45 female (8-pin)
24 V consumption typ.	typ 100 mA

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Environment and certification

Temperature, Operating	55 °C
Protection class	IP20 according to EN60529, IEC 529
CE- marking	Yes
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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