

CI862 Classic

ABB Ability™ System 800xA® hardware selector



TRIO, interface integrates TRIO/Genius I/O as a native AC 800M I/O. The TRIO interface to the AC 800M is via the CI862 CEX module. This module supports direct connection for one TRIO LAN and provides a port for the Hand Held Monitor.

A single CI862 can connect 30 blocks to a single LAN. The AC 800M can have up to four single LANs or four redundant LANs. The maximum I/O with TRIO in an AC 800M is 1000 IO points. The CI862 can be set redundant. The CI862 is the communication interface to the TRIO blocks (remote I/O) and manages the channel data for the AC 800M controller.

Features and benefits

- The AC 800M controller supports up to four CI862 CEX modules and 1,000 TRIO/Genius I/O points.
- TRIO supports CEX module redundancy.
- The CI862 unit also handles the I/O configuration and I/O scanning of up to 30 TRIO blocks.

General info

Article number	3BUA000037R1
Communication protocol	ABB's TRIO/Genius I/O
Life cycle status	Classic
Master or slave	Master
Transmission speed	-
Line redundancy	No
Module redundancy	Yes
Hot Swap	Yes
Used together with HI Controller	No

Detailed data

Max units on CEX bus	4
Connector	Phoenix (4-pin), DB9 male, DB9 female
24 V consumption typ.	typ 190 mA

Environment and certification

Temperature, Operating	+5 to +55 °C (+41 to +131 °F)
Temperature, Storage	-40 to +70 °C (-40 to +158 °F)
Relative humidity	5 to 95 %, non-condensing
Protection class	IP20 according to EN60529, IEC 529
CE-marking	Yes
RoHS compliance	-
WEEE compliance	DIRECTIVE/2012/19/EU

Dimensions

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

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