ABB ABB Series Service Manual

CI862

1. Description

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3. Product Information

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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)