ABB ABB Series Service Manual

CI865

1. Description

The CI865 module is the AC 800M system’s communication interface for Satt ControlNet and bridges different bus standards used on AC 800M and Satt ControlNet. The CI865 module makes it possible to use older Satt I/O system (Rack I/O and Series 200 I/O) with the AC 800M controller platform, but it cannot be used as a general ControlNet interface. CI865 cannot be used in a High Integrity controller.

3. Product Information

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Features and benefits

Satt 19 inch rack I/O, a rack-based I/O system, can be connected to AC 800M using the CI865 interface module

CI865 supports online replacement (Hot Swap), and does not require any configuration before installation

The CI865 unit handles I/O scanning of up to 31 distributed I/O systems

General info

Article number 3BSE040795R1

Communication protocol ABB's Satt I/O

Master or slave Master

Transmission speed -

Line redundancy No

Module redundancy No

Hot Swap Yes

Used together with HI Controller No

Detailed data

Max units on CEX bus 4

Connector BNC

24 V consumption typ. typ 120 mA

Environment and certification

Temperature, Operating 0 to +55 °C (+32 to +131 °F)

Temperature, Storage -40 to +70 °C (-40 to +158 °F)

Corrosion protection G3 compliant to ISA 71.04

Protection class IP20 according to EN60529, IEC 529

CE- marking Yes

RoHS compliance EU RoHS, UAE RoHS, CN RoHS

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)