

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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