AC 800M SATT I/O

# Product Data Sheet

## CI865K01

Communication interface kit

| COMMUNICATION PROTOCOL | OPERATING ROLE | MAXIMUM CEX UNITS | NETWORK CONNECTOR |
|---|---|---|---|
| **Satt I/O** | **Master** | **4** | **BNC** |

ABB CI865K01 is an AC 800M communication interface kit for Satt I/O. It includes the communication unit and its TP865 baseplate, linking the controller CEX-Bus to the documented external communication arrangement.

## 01 TECHNICAL DATA

| | |
|---|---|
| Communication protocol | Satt I/O |
| Operating role | Master |
| Maximum CEX units | 4 |
| Network connector | BNC |
| CEX supply | 24 V DC |
| Typical supply current | 120 mA |
| Line redundancy | Not supported |
| Module redundancy | Not supported |
| Hot insertion | Supported |
| High Integrity controller use | Not supported |

## 02 ADDITIONAL PRODUCT DATA

| | |
|---|---|
| Operating temperature | 0 to +55 deg C |
| Storage temperature | -40 to +70 deg C |
| Ingress protection | IP20 |
| Corrosion classification | ISA 71.04 G3 |
| CE marking | Yes |

## 03 PRODUCT FUNCTION

CI865 connects Satt 19-inch rack I/O and S200 I/O using the documented ControlNet-based connection. Its BNC interface is supplied from the CEX-Bus, with 120 mA typical consumption and up to four interfaces per controller. Both the interface and baseplate must retain their matching mechanical coding.

## 04 SYSTEM COMPATIBILITY

Connect the BNC communication port to the documented Satt I/O network. CI865 is intended for the supported Satt 19-inch rack and S200 I/O arrangement; it is not a general-purpose Ethernet adapter.

## 05 REFERENCE

ABB Compact Product Suite Catalog 3BSE062980

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