

DATA SHEET

CI846K02

ABB Ability™ System 800xA® hardware selector



CI846K02 S100 Eth FCI Kit Red Master

S100 I/O Ethernet Fieldbus Communication Interface Kit for redundant configuration to Advant Master. TC810/TC811 Ethernet Adapter(s) are ordered separately. Mounting on vertical DIN-rail. Including: 2 pc CI846, 1 pc TU866.

TU866 additionally includes 1 pc TL866 S100 I/O cable empty slot protector for single S100 I/O configuration. TL866 is not required for redundant configuration.

The following information is to be provided:

- System ID (SID)
- Original 3BSX-number (printed on the program card), license serial number, or the original ABB Supplier order number for the Advant Controller 410/450 to which the existing S100 I/O is connected.

This product requires a Temporary Sales Approval.

Features and benefits

Please refer to the datasheet for CI846 and TU866.

General info

| | |
|------------------------|---|
| Article number | 7PAA008866R1 |
| Communication protocol | Ethernet |
| Type | Ethernet FCI Kit (Red S100 I/O for Advant Master) |
| Master or slave | Slave |
| SOE | Yes |
| Line redundancy | Yes |
| Network redundancy | Yes |
| Module redundancy | Yes |
| High integrity | N/A |
| Intrinsic safety | N/A |

Environment and certification

| | |
|---------------------------------|---|
| Temperature, Operating | -5 °C (23 °F) to +55 °C (131 °F) |
| Temperature, Storage | -5 °C (23 °F) to +55 °C (131 °F) |
| Pollution degree | Pollution Degree 2 acc. to IEC 60664-1 |
| Relative humidity | 5 to 95 %, non-condensation |
| Altitude | -1000 to 2000 m |
| Mechanical operating conditions | IEC 61131-2 |
| EMC | IEC/EN 61000-6-4, IEC/EN 61000-6-2 |
| Overtoltage categories | Category II acc. to IEC 60664-1 |
| Equipment class | Class III acc. to IEC/EN 61010-2-201 |
| Ingress protection | IP20 acc. to IEC 60529 |
| CE-marking | Yes |
| UKCA | Yes |
| Electrical Safety | IEC/EN 61010-1 UL 61010-1 CSA-C22.2 No. 61010-1-12 IEC/EN 61010-2-201 UL 61010-2-201 CSA C22.2 No. 61010-2-201 |
| Corrosive atmosphere | G3 |
| RoHS compliance | Yes |
| WEEE compliance | EU |

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