

# CI846K02

## Compact Product Suite 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   |

| <b>Environment and certification</b> |   |
|--------------------------------------|---|
| 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  |
| Overvoltage 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<br>UL 61010-1<br>CSA-C22.2 No. 61010-1-12<br>IEC/EN 61010-2-201<br>UL 61010-2-201<br>CSA C22.2 No. 61010-2-201 |
| Corrosive atmosphere                 | G3  |
| RoHS compliance                      | Yes   |
| WEEE compliance                      | EU  |

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