

CI846K01

Compact Product Suite hardware selector



CI846K01 S100 Eth FCI Kit Single Master

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

TU866 additionally includes 1 pc TL866 S100 I/O cable empty slot protector for single S100 I/O configuration. Used for dust protection.

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 data sheet for CI846 and TU866.

General info	
Article number	7PAA008865R1
Communication protocol	Ethernet
Type	Ethernet FCI Kit (Single S100 I/O for Advant Master)
Master or slave	Slave
SOE	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
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 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

—
solutions.abb/compactproductsuite
solutions.abb/controlsystems

—
We reserve the right to make technical changes to the products or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not assume any responsibility for any errors or incomplete information in this document.

We reserve all rights to this document and the items and images it contains. The reproduction, disclosure to third parties or the use of the content of this document – including parts thereof – are prohibited without ABB's prior written permission.

Copyright© 2025 ABB All rights reserved