

CI846K12

ABB Ability™ System 800xA® hardware selector



CI846K12 S100 Eth FCI Kit Red MOD 300

S100 I/O Ethernet Fieldbus Communication Interface Kit for redundant configuration to Advant MOD 300. 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 order number, license serial number, or the original ABB Supplier order number for the Advant Controller 410/460 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	7PAA008868R1
Communication protocol	Ethernet
Type	Ethernet FCI Kit (Red S100 I/O for Advant MOD 300)
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
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

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