TU866
ABB Ability™ System 800xA® hardware selector

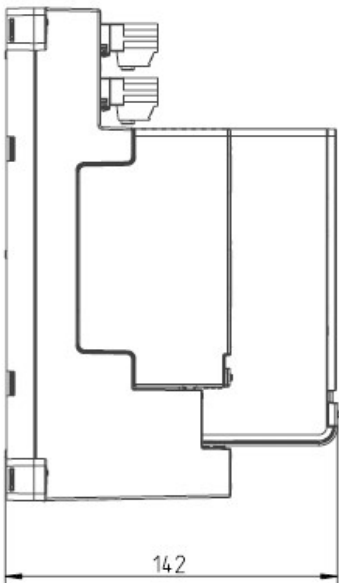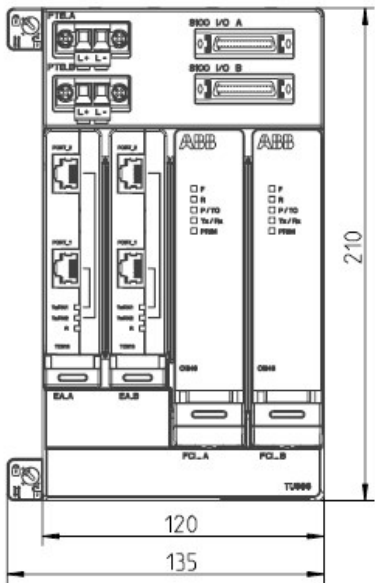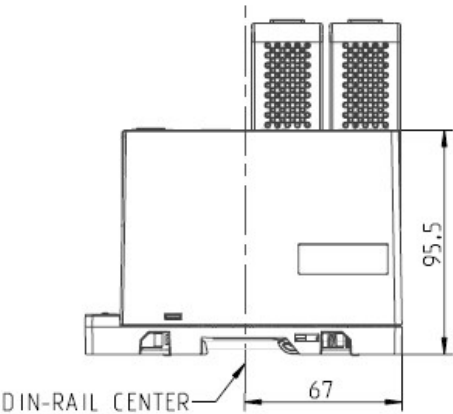TU866 MTU for Ethernet FCI and S100 I/O

The TU866 is an Ethernet Fieldbus Communication Interface Module Termination Unit (MTU) hosting single/redundant Ethernet FCI Communications Interface Modules (CI846) and single/redundant Ethernet Adapters (TC810, TC811) for reliable communications with the AC 800M controllers. The TU866 also hosts single/redundant S100 I/O connectors for S100 I/O modules.

Please observe this item can not be ordered separately.

Features and benefits

- Two mounting slots for connecting single/redundant CI846 FCI modules
- Two mounting slots for connecting single/redundant Ethernet Adapters
- Two connectors for connecting single/redundant 24 V power supplies
- Two S100 communication connectors for connecting S100 I/O subracks using standard cables which connect between the FCI and the bus extender modules
- Mountable on a 35 mm DIN Rail

More info

General info	
Article number	2PAA125749R1
Communication protocol	Ethernet
Type	MTU for Ethernet FCI (S100 I/O)
Master or slave	Slave
High integrity	N/A
Intrinsic safety	N/A
Mounting	DIN Rail (vertical mounting)

Environment and certification

Temperature, Operating	-5 °C (23 °F) to +55 °C (131 °F)
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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

Dimensions

Width	135 mm
Depth	210 mm
Height	95.5 mm
Weight (including base)	605 g

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