

# TB846

## ABB Ability™ System 800xA® hardware selector



The TB846 redundant ModuleBus Cable Adaptor is used together with TB845 and two TK801V0xx to extend the ModuleBus. Using this extension I/O modules on the same electrical ModuleBus can be mounted on different DIN rails. TB846 can also be used together with TB842 to provide an optical extension of the ModuleBus.

### General info

Article number	3BSE021439R1
Mechanics	S800

### Environment and certification

CE mark	Yes
Electrical safety	IEC 61131-2, UL 61010-1, UL 61010-2-201
Hazardous Location	C1 Div 2 cULus, C1 Zone 2 cULus, ATEX Zone 2
Marine certification	ABS, BV, DNV, LR
Temperature, Operating	0 to +55 °C (Storage -25 to +70 °C), RH=5 to 95 % no condensation, IEC/EN 61131-2
Pollution degree	Degree 2, IEC 60664-1
Corrosion protection	ISA-S71.04: G3
Protection class	IP20 according to IEC 60529
Mechanical operating conditions	IEC 61131-2
EMC	EN 61000-6-4 and EN 61000-6-2
Overvoltage categories	IEC/EN 60664-1
Equipment class	Class I according to IEC 61140; (earth protected)
RoHS compliance	DIRECTIVE/2011/65/EU (EN 50581:2012)
WEEE compliance	DIRECTIVE/2012/19/EU

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**Dimensions**

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Width	43 mm
Depth	31.5 mm
Height	186 mm
Weight	180 g

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