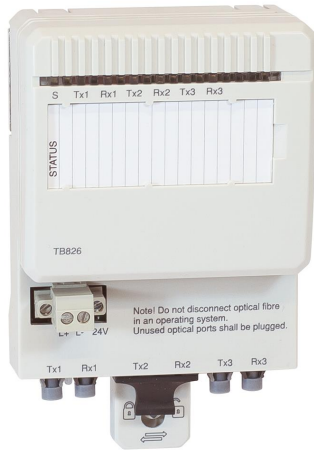


# TB826 (Single Mode)

## Compact Product Suite hardware selector



S800 I/O is a comprehensive, distributed and modular process I/O system that communicates with parent controllers and PLCs over industry-standard field buses. TB826 is a Long range Optical Media Converter for the ModuleBus. It is used to convert between plastic/opto fiber of HCS fiber with versatile link connectors and single mode field fiber with SC connector.

The TB826 is built in S800L mechanics and DIN rail mounted. TB826 allows distribution of the optical ModuleBus up to 5000 m per cluster in star configurations.

### Features and benefits

- Converts between plastic or HCS opto fiber and glass optical fiber
- DIN rail mounted
- Allows distribution of optical ModuleBus up to 5000 m per cluster in star configurations
- S800L mechanics

#### General info

Protocol	ABB's Modulebus
Article number	3BSE061637R1
Master or slave	Slave
Line redundancy	No
Module redundancy	No
Hot Swap	No
Used together with HI Controller	Yes

#### Detailed data

24 V consumption typ.	96 mA
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<b>Environmental and certification</b>	
Temperature, Operating	0 to +55 °C
Temperature, Storage	-25 to +70 °C
Pollution degree	Degree 2, IEC 60664-1
Corrosion protection	ISA-S71.04: G3
Relative humidity	5 to 95 % no condensation
Protection class	IP20 according to EN60529, IEC 529
CE-marking	Yes
Electrical Safety	IEC 61131-2, UL 508
Hazardous location	C1 Div 2 cULus, C1 Zone 2 cULus, ATEX Zone 2
Marine certificates	-
RoHS compliance	EN 50581:2012
WEEE compliance	DIRECTIVE/2012/19/EU

<b>Dimensions</b>	
Height	136 mm (5.35 in.) including latch
Width	85.6 mm (3.37 in.)
Depth	58.5 mm (2.30 in.)
Weight (including base)	0.21 kg (0.46 lbs)

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