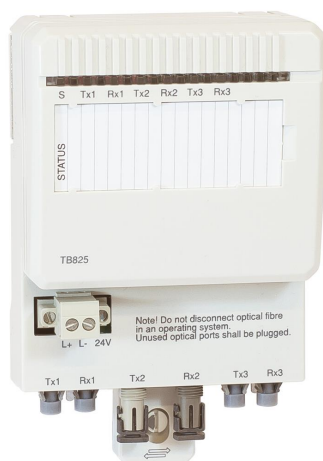


# TB825 (Multi Mode)

## System 800xA 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. The TB825 ModuleBus Optical media converter, converts between plastic opto fiber or HCS fiber with versatile link connectors and glass optical fiber with ST connectors.

The TB825 is built in S800L mechanics and DIN rails mounted. TB825 allows distribution of the optical ModuleBus up to 1000 m per cluster in star configurations.

### Features and benefits

- Converts between plastic or HCS opto fiber and glass optical fiber
- DIN rail mounted
- Multi Mode functionality
- S800L mechanics

General info	
Protocol	ABB's Modulebus
Article number	3BSE036634R1
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

<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	ABS, BV, DNV-GL, LR, RS, CCS
RoHS compliance	EN 50581:2012

<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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