S800 I/O MODULEBUS

Product Data Sheet

TB840A 3BSE037760R1

ModuleBus cluster modem

FUNCTION	FAMILY	ORIGIN	WEIGHT
ModuleBus cluster modem	**S800 I/O ModuleBus**	**Sweden**	**0.20 kg**

ABB TB840A 3BSE037760R1 is a ModuleBus cluster modem for the S800 I/O ModuleBus. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Device designation	TB840A
Bus role	ModuleBus cluster modem
Electrical ModuleBus	One interface
Optical ModuleBus ports	Two
Line redundancy	Supported
Module redundancy	Supported
Hot swap	Supported
Station role	Slave
Electrical I/O capacity	Up to 12 modules
Optical cluster capacity	Up to 7 clusters

02 ADDITIONAL PRODUCT DATA

Supply voltage	24 V DC
Typical supply current	120 mA
Operating temperature	0 to 55 °C
Storage temperature	–40 to 70 °C
Protection class	IP20

03 OFFICIAL APPLICATIONS

- Chemical and Petrochemical Manufacturing: Industrial chemical production; Petrochemical production and processing
- Petroleum Production and Natural Gas Processing: Upstream and downstream petroleum production; Natural gas processing and transmission
- Thermal, Hydroelectric and Renewable Power Generation: Thermal and hydroelectric power production; Renewable generation and energy integration

04 SYSTEM COMPATIBILITY

Match TB840A 3BSE037760R1 to the installed S800 I/O ModuleBus, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

ABB TB840A S800 I/O product data and ModuleBus manual

Manufacturer technical documentation summarized for the exact model

AMIKON PRODUCT SUPPORT

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