ABB S800 I/O

Product Data Sheet

CI840A 3BSE041882R1

CI840A PROFIBUS DP-V1 communication interface

FUNCTION	FAMILY	ORIGIN	WEIGHT
CI840A PROFIBUS DP-V1 communicatio	ABB S800 I/O	Estonia	0.20 kg

ABB CI840A 3BSE041882R1 is a CI840A PROFIBUS DP-V1 communication interface for the ABB S800 I/O. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Power input fuse	2 A fast acting
Power dissipation	7.7 W
Module designation	CI840A
Article number	3BSE041882R1
Module type	Fieldbus communication interface
Communication protocol	PROFIBUS DP-V1
Fieldbus role	Slave
Line redundancy	Dual PROFIBUS DP-V1 line support
Module redundancy	Two CI840A modules in a redundant pair
Hot swap	Online module replacement supported

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Power input	24 V DC from 19.2 to 30 V
Typical current consumption	190 mA at 24 V DC
ModuleBus capacity	12 single modules or 6 redundant pairs
Termination units	TU846 or TU847
HART pass through	HART variables forwarded through the fieldbus

03 OFFICIAL APPLICATIONS

- Thermal, Hydroelectric and Renewable Power Generation: Thermal and hydroelectric power production; Renewable generation and energy integration
- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations
- Municipal Water and Industrial Wastewater Services: Municipal water treatment services; Industrial wastewater treatment operations

04 SYSTEM COMPATIBILITY

Match CI840A 3BSE041882R1 to the installed ABB S800 I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

ABB official technical documentation for CI840A 3BSE041882R1

Official manufacturer documentation retained in Manuals & support

AMIKON PRODUCT SUPPORT

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