S800 I/O

Product Data Sheet

CI810B 3BSE020520R1

AF100 fieldbus communication interface

SUPPLY VOLTAGE	AF100 MODEMS	RATED INSULATION VOLTAGE	POWER-STATUS INPUTS
24 V DC; 19.2 to 30 V	**2 twisted-pair modems**	**50 V**	**2 x 24 V DC**

ABB CI810B 3BSE020520R1 is an Advant Fieldbus 100 communication interface in the S800 I/O range. It connects a distributed S800 I/O station to an AF100 network for process automation in compatible Advant control configurations.

01 VERIFIED TECHNICAL DATA

Supply voltage	24 V DC; 19.2 to 30 V
AF100 modems	2 twisted-pair modems
Rated insulation voltage	50 V
Power-status inputs	2 x 24 V DC
Station-address switches	2 rotary switches
Basic system software	Version 1.5
Operating temperature	0 to +55 deg C
Storage temperature	-40 to +70 deg C
Relative humidity	5 to 95%, non-condensing
Operating altitude	2000 m maximum

Values follow the unit photographs and applicable documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Pollution degree	2
Temperature change	3 deg C/min
Operational vibration	5 to 9 Hz: 3.5 mm; 9 to 150 Hz: 1.0 g
Shock test	150 m/s², 11 ms
ModuleBus terminator supplied	1 x TB807

03 DOCUMENTED USE SETTINGS

Pulp Processing and Paper Production Automation: Pulp Production and Processing.

Oil Production and Natural Gas Processing: Oil Exploration and Production.

Electricity Generation and Industrial Energy Production: Thermal Electric Power Generation.

04 SYSTEM COMPATIBILITY

ABB CI810B 3BSE020520R1 is an Advant Fieldbus 100 communication interface in the S800 I/O range. It connects a distributed S800 I/O station to an AF100 network for process automation in compatible Advant control configurations.

05 PRODUCT EVIDENCE

ABB S800 I/O product guide 3BSE015969-600; CI810 includes CI810B

AMIKON PRODUCT SUPPORT

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