ABB SREA-01 DRIVE NETWORKING

Product Data Sheet

SREA-01

Ethernet Drive Monitoring Adapter

ETHERNET PHYSICAL LAYER	ETHERNET CONNECTOR	RS-232 SIGNALLING	RS-232 CONNECTION
10Base-T / 100Base-TX, IEEE 802.3	**RJ45**	**Full modem control: RTS, CTS, DCD, DTR, DSR, RI**	**9-pole D-sub**

ABB SREA-01 is an Ethernet drive monitoring adapter in the ABB SREA-01 Drive Networking family. It serves compatible installed control equipment in the documented system configuration.

01 VERIFIED TECHNICAL DATA

Ethernet physical layer	10Base-T / 100Base-TX, IEEE 802.3
Ethernet connector	RJ45
RS-232 signalling	Full modem control: RTS, CTS, DCD, DTR, DSR, RI
RS-232 connection	9-pole D-sub
Serial bit-rate range	300 to 115200 bit/s
RS-485 termination	Screw connector
Power supply range	9 to 28 V AC/DC
Power demand	2 W
Operating/storage temperature	-40 to 85 deg C
Relative humidity	5 to 95%, non-condensing

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

02 ADDITIONAL PRODUCT DATA

Cover material	LEXAN 940 grey plastic
Flammability class	UL94-V0
Mounting standard	DIN rail EN 50022
Ingress protection	IP20
Drive connection capacity	1 to 10 drives

03 DOCUMENTED USE SETTINGS

Water Supply and Wastewater Treatment: Municipal Water Supply Control.

Pulp Processing and Paper Production: Pulp Preparation and Processing.

Chemical Manufacturing and Continuous Process Production: Industrial Chemical Process Control.

04 SYSTEM COMPATIBILITY

Match SREA-01 to the documented ABB SREA-01 Drive Networking arrangement. Confirm the supplied execution, connections and required companion equipment before integration.

05 PRODUCT EVIDENCE

ABB SREA-01 User manual, technical specifications p.109

AMIKON PRODUCT SUPPORT

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