FACT SHEET

Fieldbus communication
BACnet/IP for PSTX softstarter

- Fast communication
- Innovative mounting
- Robust design

BACnet/IP is a complete communication module which is integrated into a PSTX softstarter to make it communicate on a BACnet/IP network.

BACnet/IP is commonly used in buildings and facility management systems.

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01 BACnet/IP

BACnet IP

BACnet (Building Automation and Control) protocol is the communication protocol mainly used for products used in HVAC. Softstarters are frequently used in building applications and we offer a PSTX product that can communicate directly via BACnet, without any protocol converters such as gateways. The anybus module have solid security to prevent unauthorized software to be downloaded to the module. Furthermore, encryption is used to prevent illicit copying.

Ordering details

Module	Type	Order code	Pkg	KG
BACnet/IP	AB- BACNET-IP-2	1SFA899300R1004	1	0.028

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For more information, please contact your local ABB representative or visit
https://new.abb.com/drives/softstarters

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Technical Details

Dimensions (LxWxH)	52x50x22 mm, 2.04x1.97x0.86" 51x37x16 mm, 2.014.46x0.63" (modules without housing)
Protection class	IP20
RoHS Compliance	Yes
Galvanically isolated network interface	Yes
Profile support	B-ASC
Connectors	2x RJ45 100 Mbit/s
LED indicator	Integrated on front (with housing), via application interface (without housing). Indicates Module Status and Network Status.

Certifications

CE, CULUS, RoHS	Yes

CE - Declaration of Pre-Conformity

Emission EN 61000-6-4	EN55016-2-3 Radiated emission EN55022 Conducted emission
Immunity EN 61000-6-2	EN61000-4-2 Electrostatic discharge, EN61000-4-3 Radiated immunity. EN61000-4-4 Fast transients/burst, EN61000-4-5 Surge immunity. EN61000-4-6 Conducted immunity.

Electrical Characteristics

Power requirements	3.3 VDC, +/- 0.15 VDC

Environmental Characteristics

Operating temp	-40 to 70 oC, -40-158 oF -40 to 85 oC, -40-176 oF (modules without housing)
Humidity	5-95 % non-condensing