FACT SHEET

Fieldbus communication
BACnet MS/TP for PSTX softstarter

Fast communication

Innovative mounting

Robust design

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

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01 BACnet MS/TP

BACnet MS/TP

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 MS/TP	AB-BACNET-MSTP-1	1SFA899300R1011	1	0.042

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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
Profile support	B-ASC
Connectors	5 screw terminals
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