FACT SHEET

Fieldbus communication
EtherCAT for PSTX softstarter

Fast communication

Innovative mounting

Robust design

EtherCAT is a complete communication module which enables your PSTXsoftstarter to communicate on an EtherCAT network.

The module supports very fast communication speeds, making it suitable also for high-end industrial devices.

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01 EtherCAT

EtherCAT

EtherCat is an Industrial automation application protocol that is an implementation of the Ethernet network protocol. EtherCat stands for Ethernet for Control Automation Technology and is a IEC61158 implementation of Ethernet, and is a high-speed communication usually used for motion control applications. 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
EtherCAT	AB-ETHERCAT-IP-2	1SFA899300R1012	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	I/O
Connectors	2x RJ45
LED indicator	Indicates Run and Error
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