



Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module
Integrated connection type	Modbus Plus conforming to modbus.org 9-way female SUB-D connector 1 twisted pair (network) Modbus Plus conforming to modbus.org HE-13 (RS232 port) Modbus Plus conforming to modbus.org 8-way female (RS232 port)
Number of segments	1 primary, maximum 6 extensions
Number of devices per segment	0...32 per segment 0...64 all segment
Transmission rate	1 Mbit/s for bus length of 0...1800 m per segment with 3 repeaters 1 Mbit/s for bus length of 0...450 m per segment
Structure type	Industrial LAN

Complementary

Number of addressable I/O module	0...32 per island
Communication service	Global Data Peer cop dialogue Peer to peer dialogue
[Us] rated supply voltage	24 V DC
Power supply type	SELV
Maximum supply current	700 A
Supply voltage limits	19.2...30 V
Input current	430 mA for supply circuit
Nominal output current	0.575 A at 60...70 °C 1.2 A
Output voltage	5.25 V DC (tolerance: +/- 0.21 %) for logic bus
Marking	CE
Overvoltage category	II
Status LED	1 LED (green)island state (RUN) 1 LED (green)power supply (PWR) 1 LED (red)module error (ERR) 1 LED (yellow)MB+ 1 LED (yellow)test mode
Depth	70 mm
Height	40 mm
Width	128.3 mm
Net weight	0.145 kg

Environment

Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Product certifications	CSA UL FM Class 1 Division 2 C-Tick ATEX Cat 3G
Pollution degree	2 conforming to IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 conforming to EN 61131-2 class 1

Ambient air temperature for operation	0...60 °C (without derating) -25...70 °C (with derating factor)
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % at 60 °C without condensation
Vibration resistance	3 gn at 58...150 Hz on 35 x 7.5 mm symmetrical DIN rail 5 gn at 58...150 Hz on 35 x 15 mm symmetrical DIN rail +/-0.35 mm at 10...58 Hz
Shock resistance	30 gn for 11 ms conforming to IEC 88 reference 2-27

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	135 g
Package 1 Height	2.5 cm
Package 1 width	8 cm
Package 1 Length	13 cm

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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Dimensions

