



### Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard Network Interface Module
Integrated connection type	Interbus conforming to InterBus Club 9-way male isolated RS485 SUB-D 1 twisted shielded pair (input bus) Interbus conforming to InterBus Club 9-way female isolated RS485 SUB-D 1 twisted shielded pair (output bus) Interbus conforming to InterBus Club HE-13 (RS232 port) Interbus conforming to InterBus Club 8-way female (RS232 port)
Number of segments	1 primary, maximum 6 extensions
Number of server device(s)	512
Transmission rate	500 kbit/s for bus length of 0...12800 m for the bus between stations 500 kbit/s for bus length of 0...400 m per bus segment between stations 500 kbit/s for bus length of 0...50 m for the installation bus
Structure type	Industrial field bus (Generation4)

### Complementary

Number of addressable I/O module	0...32 per island
Communication service	Implicit exchange of process data Logical addressing Diagnostics
[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
Maximum output impedance	0.05 Ohm at 100000 kHz
Output voltage	5.25 V DC (tolerance: +/- 0.21 %) for logic bus
Marking	CE
Overvoltage category	II
Status LED	1 LED (green) BA 1 LED (green) island state (RUN) 1 LED (green) power supply (PWR) 1 LED (green) RC 1 LED (red) module error (ERR) 1 LED (red) RD 1 LED (yellow) test mode
Depth	70 mm
Height	40 mm
Width	128.3 mm
Net weight	0.155 kg

## Environment

Electromagnetic compatibility	Immunity to electromagnetic interference conforming to IEC 61131-2
Product certifications	CSA[RETURN]C-Tick[RETURN]UL[RETURN]FM Class 1 Division 2[RETURN]ATEX Cat 3G
Pollution degree	2 conforming to IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 conforming to IEC 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 Height	2.500 cm
Package 1 Width	8.000 cm
Package 1 Length	13.000 cm
Package 1 Weight	178.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.310 kg

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
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
----------	-----------

## Dimensions

