



Main

Range of Product	Modicon STB distributed I/O solution
Product or Component Type	Standard Network Interface Module
Integrated connection type	Profibus DP DIN 19245 part 1 and 3 9-way female RS485 SUB-D 1 twisted shielded pair bus) Profibus DP DIN 19245 part 1 and 3 HE-13 RS232 port) Profibus DP DIN 19245 part 1 and 3 8-way female RS232 port)
Number of segments	1 primary, maximum 6 extensions
Number of slave	125
Transmission rate	12 Mbit/s 0.00...2624.67 ft (0...800 m) with 3 repeaters 9.6 kbit/s 0.00...15748.03 ft (0...4800 m) with 3 repeaters 12 Mbit/s 0.00...656.17 ft (0...200 m) 9.6 kbit/s 0.00...3937.01 ft (0...1200 m)
Structure type	Industrial field bus DP V.0

Complementary

Number of addressable I/O module	0...32 per island
Communication Service	Diagnostics Read/Write DP slave I/O data Configuration control Slave configuration
[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 supply circuit
Nominal output current	0.575 A 140...158 °F (60...70 °C) 1.2 A
Maximum output impedance	0.05 Ohm 100000 kHz
Output voltage	5.25 V DC +/- 0.21 %)logic bus
Marking	CE
Overvoltage category	II
Status LED	1 LED (Green) BUSFLT 1 LED (Green) island state (RUN) 1 LED (Green) power supply (PWR) 1 LED (Red) module error (ERR) 1 LED (Yellow) test mode
Depth	2.76 in (70 mm)
Height	1.57 in (40 mm)
Width	5.05 in (128.3 mm)

Environment

Electromagnetic compatibility	Immunity to electromagnetic interference IEC 61131-2
Product Certifications	C-tick[RETURN]CSA[RETURN]ATEX Cat 3G[RETURN]FM Class 1 Division 2[RETURN]UL
Pollution degree	2 IEC 60664-1
Operating altitude	<= 6561.68 ft (2000 m)
IP degree of protection	IP20 conforming to IEC 61131-2 class 1

Ambient air temperature for operation	32...140 °F (0...60 °C) without derating) -13...158 °F (-25...70 °C) with derating factor)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Relative humidity	95 % 140 °F (60 °C) without condensation
Vibration resistance	3 gn 58...150 Hz 35 x 7.5 mm symmetrical DIN rail 5 gn 58...150 Hz 35 x 15 mm symmetrical DIN rail +/-0.35 mm 10...58 Hz
Shock resistance	30 gn 11 ms IEC 88 reference 2-27

Ordering and shipping details

Category	18215-ADVANTYS STB I/O
Discount Schedule	PC32
GTIN	3595862055130
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.76 in (7.0 cm)
Package 1 Width	1.85 in (4.7 cm)
Package 1 Length	5.12 in (13.0 cm)
Package 1 Weight	6.24 oz (177.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	30
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	12.32 lb(US) (5.588 kg)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
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

