

Product availability : Stock - Normally stocked in distribution facility



Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Parallel interface kit
Product specific application	TeSys U TeSys Quickfit

Complementary

Kit composition	Terminal screw type connector STBEPI2145 module Terminal spring clamp connector STBXBA3000 base
Number of input channels	12
Input voltage	24 V
Input voltage type	DC
Input voltage limits	15...30 V at state 1 -3...5 V at state 0
Current state 0 guaranteed	≤ 0.5 mA
Current state 1 guaranteed	≥ 2 mA
Number of output channels	8
Output voltage	24 V
Output voltage type	DC
Protection type	Overload protection Short-circuit protection Input protection resistor-limited Power protection integrated fuse on PDM time lag 10 A
Cold swapping	Yes
Hot swapping fallback	Yes for standard NIMs
Fallback status	State 0 basic NIMs User configurable standard NIMs
Electrical connection	4 RJ45 connectors
[Us] rated supply voltage	24 V DC

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Supply	Power distribution module
Product compatibility	Power distribution module STBPDT3100/3105 Mounting base STBXBA3000
Current consumption	<= 100 mA 24 V DC sensor bus <= 220 mA 24 V DC actuator bus for 150 ms 100 mA 5 V DC logic bus 50 mA 24 V DC actuator bus (with all 8 outputs at state 0) 80 mA 24 V DC actuator bus per output at state 1
Marking	CE
Overvoltage category	II
Status LED	1 LED green module status (RDY) 1 LED red module error (ERR) 2 LEDs green switch position (S1 and S2) 4 LEDs green output status
Depth	6.69 in (170 mm)
Height	1.11 in (28.1 mm)
Width	5.05 in (128.3 mm)
Product weight	0.36 lb(US) (0.165 kg)

Environment

Product certifications	CSA UL FM Class 1 Division 2
Pollution degree	2 IEC 60664-1
Operating altitude	<= 6561.68 ft (2000 m)
IP degree of protection	IP20 EN 61131-2 class 1
Ambient air temperature for operation	-13...158 °F (-25...70 °C) without derating
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Relative humidity	95 % 140 °F (60 °C) without condensation
Vibration resistance	+/-0.35 mm 10...58 Hz 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
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	00785901547211
Nbr. of units in pkg.	1
Package weight(Lbs)	0.35000000000000003
Returnability	Y
Country of origin	ID

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0911 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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