



### Main

Range of Product	Modicon STB distributed I/O solution
Product or Component Type	Parallel interface kit
Product Specific Application	TeSys Quickfit TeSys U

### Complementary

Kit composition	Terminal spring clamp connector STBXBA3000 base Terminal screw type connector STBEPI2145 module
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	$\leq 0.5$ mA
Current state 1 guaranteed	$\geq 2$ mA
Number of output channels	8
Output voltage	24 V
Output voltage type	DC
Protection type	Power protection integrated fuse on PDM time lag 10 A Overload protection Short-circuit protection Input protection resistor-limited
Cold swapping	Yes
Hot swapping	Yes for standard NIMs
Fallback	State 0 basic NIMs User configurable standard NIMs
Electrical Connection	4 RJ45 connectors
[Us] rated supply voltage	24 V DC
Supply	Power distribution module
Product Compatibility	Power distribution module STBPDT3100/3105 Mounting base STBXBA3000
Current consumption	$\leq 100$ mA 24 V DC sensor bus $\leq 220$ 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)
Net Weight	0.36 lb(US) (0.165 kg)

## Environment

Product Certifications	FM Class 1 Division 2[RETURN]UL[RETURN]CSA
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	-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	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	3595863933130
Returnability	Yes
Country of origin	ID

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.38 in (3.5 cm)
Package 1 Width	3.15 in (8 cm)
Package 1 Length	5.12 in (13 cm)
Package 1 Weight	5.68 oz (161 g)
Unit Type of Package 2	S02
Number of Units in Package 2	20
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	8.04 lb(US) (3.646 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	320
Package 3 Height	29.53 in (75.0 cm)
Package 3 Width	23.62 in (60.0 cm)
Package 3 Length	31.50 in (80.0 cm)
Package 3 Weight	152.12 lb(US) (69 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
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	 Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Contractual warranty

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Warranty	18 months
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## Dimensions

