



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	≤ 0.5 mA
Current state 1 guaranteed	≥ 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	≤ 100 mA at 24 V DC for sensor bus ≤ 220 mA at 24 V DC for actuator bus for 150 ms 100 mA at 5 V DC for logic bus 50 mA at 24 V DC for actuator bus (with all 8 outputs at state 0) 80 mA at 24 V DC for 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	170 mm
Height	28.1 mm

Width	128.3 mm
Net weight	0.165 kg

Environment

Product certifications	FM Class 1 Division 2 UL CSA
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	-25...70 °C (without derating)
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	161 g
Package 1 Height	3.5 cm
Package 1 width	8 cm
Package 1 Length	13 cm
Unit Type of Package 2	S02
Number of Units in Package 2	20
Package 2 Weight	3.646 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
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
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
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

