



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	STBEPI2145 module STBXBA3000 base Terminal screw type connector Terminal spring clamp connector
Number of input channels	12
Input voltage	24 V
Input voltage type	DC
Input voltage limits	-3...5 V at state 0 15...30 V at state 1
Input current limits	<= 0.5 mA at state 0 >= 2 mA at state 1
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 Input protection resistor-limited Short-circuit protection Overload protection
Cold swapping	Yes
Hot swapping	Yes for standard NIMs
Fallback	User configurable standard NIMs State 0 basic NIMs
Electrical connection	4 RJ45 connectors
[Us] rated supply voltage	24 V DC
Supply	Power distribution module
Product compatibility	Mounting base STBXBA3000 Power distribution module STBPDT3100/3105
Current consumption	80 mA 24 V DC actuator bus per output at state 1 50 mA 24 V DC actuator bus (with all 8 outputs at state 0) 100 mA 5 V DC logic bus <= 220 mA 24 V DC actuator bus for 150 ms <= 100 mA 24 V DC sensor bus
Marking	CE
Overvoltage category	II
Status LED	4 LEDs green output status 2 LEDs green switch position (S1 and S2) 1 LED red module error (ERR) 1 LED green module status (RDY)
Depth	170 mm
Height	28.1 mm

Width	128.3 mm
Product weight	0.165 kg

Environment

Product certifications	CSA FM Class 1 Division 2 UL
Pollution degree	2 IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 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 % 60 °C without condensation
Vibration resistance	5 gn 58...150 Hz 35 x 15 mm symmetrical DIN rail 3 gn 58...150 Hz 35 x 7.5 mm symmetrical DIN rail +/-0.35 mm 10...58 Hz
Shock resistance	30 gn 11 ms IEC 88 reference 2-27

Offer Sustainability

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

Dimensions

