

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard power distribution kit

Complementary

Kit composition	STBPDT2100 module STBXBA2200 base STBXTS1130, screw type connectors STBXTS2130, spring type connectors
[Us] rated supply voltage	24 V
Supply circuit type	DC
Power supply output current	<= 10 A 45 °C input/output circuit <= 12 A 30 °C input/output circuit <= 6 A 70 °C input/output circuit <= 8 A 60 °C input/output circuit 0..4 A 30 °C input circuit 0..8 A 30 °C output circuit
Voltage range	19.2...30 V DC sensor/actuator bus
Hot swapping fallback	Hot swapping illegal
Protection type	Built-in overcurrent protection 10 A time-lag output circuit Built-in overcurrent protection 5 A time-lag input circuit Reverse polarity actuator bus
Permissible current	0...30 A for 2 minutes grounding terminal
Voltage detection threshold	< 15 V +/-1 DC IN/OUT LED lit >= 15 V +/-1 DC IN/OUT LED non lit
Product compatibility	Mounting base STBXBA2200
Marking	CE
Overvoltage category	II
Status LED	1 LED green actuator bus power supply (OUT) 1 LED green sensor bus power supply (IN)
Product weight	0.13 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	0...60 °C without derating -25...70 °C with derating factor
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % 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
