



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 STBXTS2130, spring type connectors STBXTS1130, screw type connectors
[Us] rated supply voltage	115...230 V
Supply circuit type	AC
Supply frequency	50...60 Hz
Power supply output current	0...10 A at 30 °C (output circuit) 0...2.5 A at 60 °C (input circuit) 0...5 A at 30 °C (input circuit) 0...5 A at 60 °C (output circuit)
Voltage range	85...265 V AC sensor/actuator bus
Hot swapping fallback	Hot swapping illegal
Protection type	Built-in overcurrent protection, 10 A time-lag fuse for output circuit Built-in overcurrent protection, 5 A time-lag fuse for input circuit
Permissible current	30 A for 2 minutes grounding terminal
Voltage detection threshold	< 50 V +/-5 AC IN/OUT LED non lit > 70 V +/-5 AC IN/OUT LED 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)
Depth	65.1 mm
Height	18.4 mm
Width	125 mm
Net weight	0.129 kg

Environment

Product certifications	CSA FM Class 1 Division 2 UL
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	0...60 °C (without)
Ambient air temperature for storage	-40...85 °C

Relative humidity	95 % at 60 °C without condensation
Vibration resistance	+/-0.35 mm at 10...58 Hz 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
Shock resistance	30 gn for 11 ms conforming to IEC 88 reference 2-27

Packing Units

Package 1 Weight	0.146 kg
Package 1 Height	27.000 mm
Package 1 width	86.000 mm
Package 1 Length	140.000 mm

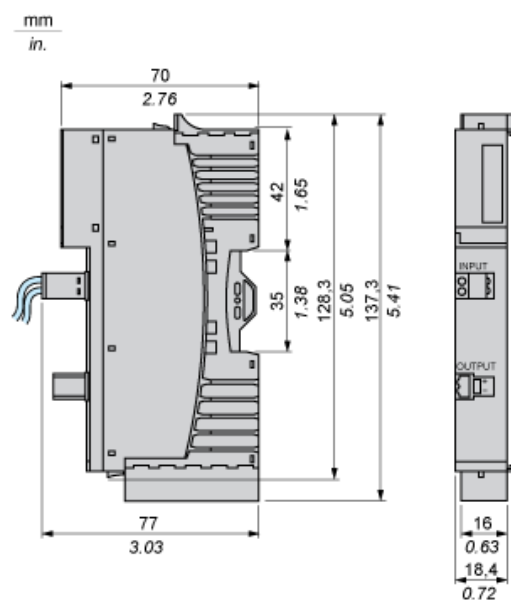
Offer Sustainability

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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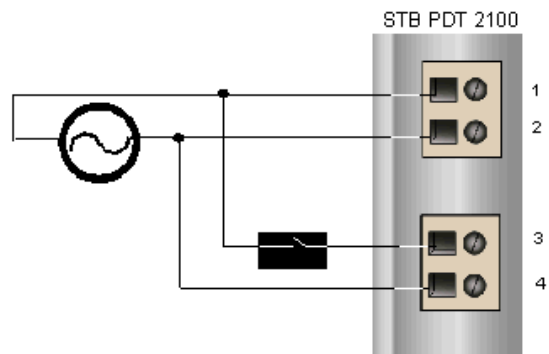
Dimensions



Wiring Diagram

Example

Single power supply



Pin	Top Connector	Bottom Connector
1	+115/230 VAC for the sensor bus	+115/230 VAC for the actuator bus
2	-115/230 VAC sensor power return	-115/230 VAC actuator power return