



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	115...230 V
Supply circuit type	AC
Supply frequency	50...60 Hz
Power supply output current	0...5 A 60 °C output circuit 0...5 A 30 °C input circuit 0...2.5 A 60 °C input circuit 0...10 A 30 °C output circuit
Voltage range	85...265 V AC sensor/actuator bus
Hot swapping fallback	Hot swapping illegal
Protection type	Built-in overcurrent protection 5 A time-lag input circuit Built-in overcurrent protection 10 A time-lag output circuit
Permissible current	0...30 A for 2 minutes grounding terminal
Voltage detection threshold	> 70 V +/-5 AC IN/OUT LED lit < 50 V +/-5 AC IN/OUT LED non lit
Product compatibility	Mounting base STBXBA2200
Marking	CE
Overvoltage category	II
Status LED	1 LED green sensor bus power supply (IN) 1 LED green actuator bus power supply (OUT)
Depth	65.1 mm
Height	18.4 mm
Width	125 mm
Product weight	0.129 kg

Environment

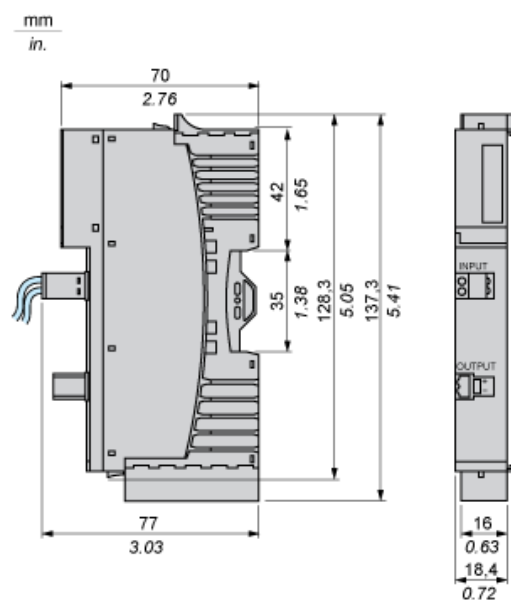
Product certifications	CSA FM Class 1 Division 2 UL
Pollution degree	2 IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 EN 61131-2 class 1
Ambient air temperature for operation	0...60 °C without derating
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % 60 °C 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 0952 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold

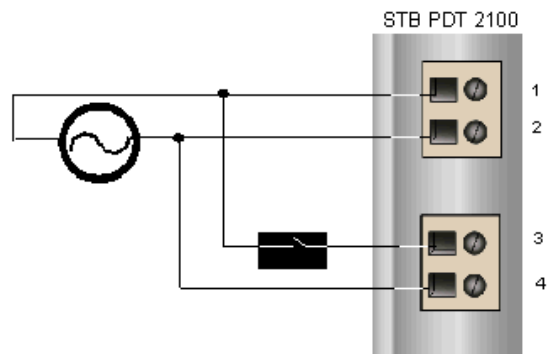
Dimensions



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