



Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Basic 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	0...4 A 30 °C input/output circuit 0...2.5 A 60 °C input/output circuit
Voltage range	19.2...30 V DC sensor/actuator bus
Hot swapping fallback	Hot swapping illegal
Protection type	Reverse polarity actuator bus Built-in overcurrent protection 5 A time-lag output circuit Built-in overcurrent protection 5 A time-lag input circuit
Permissible current	0...30 A for 2 minutes grounding terminal
Product compatibility	Mounting base STBXBA2200
Marking	CE
Overvoltage category	II
Depth	65.1 mm
Height	18.4 mm
Width	125 mm
Product weight	0.13 kg

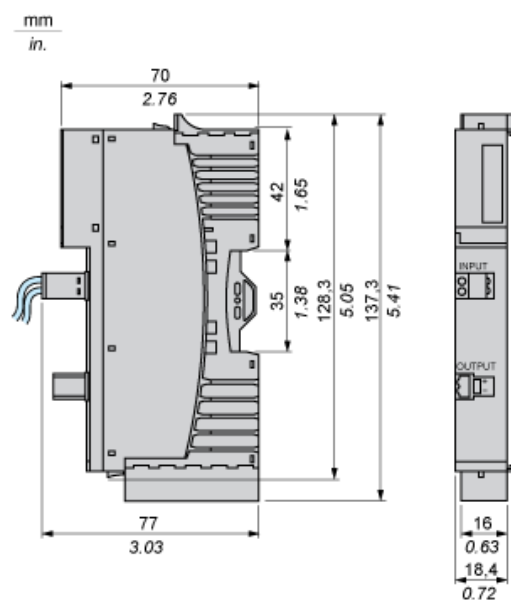
Environment

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
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 0904 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold

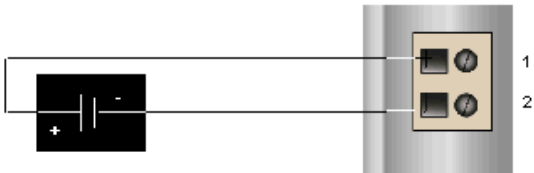
Dimensions



Wiring Diagram

Example

Single power supply



Pin	Connection
1	+24 VDC I/O power
2	-24 VDC return