

Product data sheet

Specifications



basic power distribution kit STB - 24 V DC

STBPDT3105K

⚠ Discontinued on: Dec 31, 2014

⚠ End-of-service on: Dec 31, 2022

⚠ Discontinued - Service only

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...2.5 A 140 °F (60 °C) input/output circuit 0...4 A 86 °F (30 °C) input/output circuit
Voltage Range	19.2...30 V DC 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, 5 A time-lag output circuit Reverse polarity actuator bus
Permissible Current	30 A for 2 minutes grounding terminal
Product Compatibility	Mounting base STBXBA2200
Marking	CE
Overvoltage Category	II
Depth	2.56 in (65.1 mm)
Height	0.72 in (18.4 mm)
Width	4.92 in (125 mm)
Net Weight	0.29 lb(US) (0.13 kg)

Environment

Product Certifications	CSA UL FM Class 1 Division 2
Pollution Degree	2 IEC 60664-1
Operating Altitude	<= 6561.68 ft (2000 m)
Ip Degree Of Protection	IP20 conforming to EN 61131-2 class 1
Ambient Air Temperature For Operation	32...140 °F (0...60 °C) without derating)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient Air Temperature For Storage	-40...185 °F (-40...85 °C)
Relative Humidity	95 % 140 °F (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

Ordering and shipping details

Category	18215-ADVANTYS STB I/O
Discount Schedule	PC32
Gtin	3595863949209
Returnability	No
Country Of Origin	ID

Packing Units

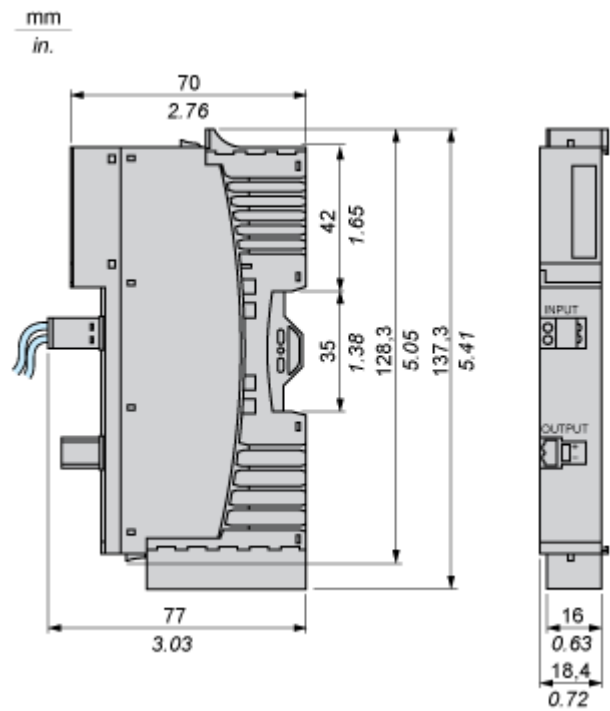
Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.06 in (2.7 cm)
Package 1 Width	3.39 in (8.6 cm)
Package 1 Length	5.51 in (14.0 cm)
Package 1 Weight	5.11 oz (145.0 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	24
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	8.61 lb(US) (3.906 kg)

Contractual warranty

Warranty	18 months
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Dimensions Drawings

Dimensions

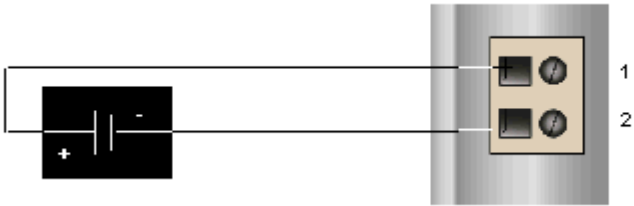


Connections and Schema

Wiring Diagram

Example

Single power supply



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