

Product data sheet

Specifications



standard power distribution module STB - 115..230 V AC

STBPDT2100

Discontinued on: Sep 9, 2009

Discontinued

Main

Range Of Product	Modicon STB distributed I/O solution
Product Or Component Type	Standard power distribution module

Complementary

[Us] Rated Supply Voltage	115...230 V
Supply Circuit Type	AC
Supply Frequency	50...60 Hz
Power Supply Output Current	0...10 A 86 °F (30 °C) output circuit) 0...2.5 A 140 °F (60 °C) input circuit) 0...5 A 86 °F (30 °C) input circuit) 0...5 A 140 °F (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 output circuit Built-in overcurrent protection, 5 A time-lag 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	2.56 in (65.1 mm)
Height	0.72 in (18.4 mm)
Width	4.92 in (125 mm)
Net Weight	0.28 lb(US) (0.129 kg)

Environment

Product Certifications	CSA UL FM Class 1 Division 2
Pollution Degree	2 IEC 60664-1
Operating Altitude	<= 6561.68 ft (2000 m)

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

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)
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	00785901509479
Returnability	No
Country Of Origin	FR

Contractual warranty

Warranty	18 months
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