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Find the *Schneider Electric / Telemecanique Advantys STB-PDT-3100* at our website: *Click HERE*

Product data sheet
Characteristics

STBPDT3100
standard power distribution module STB - 24 V DC



Main

Range of product	Advantys STB Distributed I/O Solution
Product or component type	Standard power distribution module
[Us] rated supply voltage	24 V
Supply circuit type	DC

Complementary

Power supply output current	0...4 A at 30 °C for input circuit 0...8 A at 30 °C for output circuit ≤ 10 A at 45 °C for input/output circuit ≤ 12 A at 30 °C for input/output circuit ≤ 6 A at 70 °C for input/output circuit ≤ 8 A at 60 °C for input/output circuit
Voltage range	19.2...30 V DC for sensor/actuator bus
Hot swapping fallback	Hot swapping illegal
Protection type	Built-in overcurrent protection by 5 A time-lag fuse for input circuit Built-in overcurrent protection by 10 A time-lag fuse for output circuit Reverse polarity for actuator bus
Permissible current	0...30 A for 2 minutes on grounding terminal
Voltage detection threshold	< 15 V +/-1 DC IN/OUT LED lit >= 15 V +/-1 DC IN/OUT LED non lit
Product compatibility	Mounting base STBXBA2200
Marking	CE
Overvoltage category	II
Status LED	1 LED green , function: sensor bus power supply (IN) 1 LED green , function: actuator bus power supply (OUT)
Product weight	0.13 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	-25...70 °C with derating factor 0...60 °C without derating
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % at 60 °C without condensation
Vibration resistance	3 gn (f = 58...150 Hz) mounted on: 35 x 7.5 mm symmetrical DIN rail 5 gn (f = 58...150 Hz) mounted on: 35 x 15 mm symmetrical DIN rail +/-0.35 mm (f = 10...58 Hz)
Shock resistance	30 gn for 11 ms conforming to IEC 88 reference 2-27
RoHS EUR conformity date	0903
RoHS EUR status	Compliant

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