

Product data sheet

Specifications



standard digital output module STB - 24 V DC - 2 mA min load - 2 O

STBDDO3230

! Discontinued on: 09 September 2009

! Discontinued

Main

Range of Product	Modicon STB distributed I/O solution
Product or Component Type	Standard digital output module
Discrete output number	2
Discrete output type	Solid state
Discrete output voltage	24 V
Discrete output voltage type	DC

Complementary

Discrete output current	2000 mA
Discrete output logic	Positive or negative
Output voltage	19.2...30 V DC
Absolute maximum voltage	56 V 1.3 ms
Response Time	520 μ s off-to-on 720 μ s on-to-off
Cold swapping	Yes
Hot swapping	Yes for standard NIMs
Fallback	State 0 basic NIMs User configurable standard NIMs
Protection type	Power protection 1 external fuse per output time lag 2.5 A Reverse polarity protection Short-circuit protection Thermal overload protection
Insulation between channels	1500 V for 1 minute
Insulation between channels and logic bus	1500 V for 1 minute
Maximum leakage current	1 mA at state 0 30 V
Surge current	10 A 0.5 ms
Maximum load capacitance	50 μ F
Maximum load inductance	500 mH 4 Hz
Minimum load	2 mA
Reset	Manual or automatic reset COM fault

Product Compatibility	I/O base STBXBA1000 Power distribution module STBPDT3100/3105
[Us] rated supply voltage	24 V DC
Supply	Power distribution module
Current consumption	45 mA 5 V DC logic bus
Marking	CE
Overvoltage category	II
Status LED	1 LED (Green) module status (RDY) 1 LED per channel (Green) channel status (OUT1 to OUT2) 1 LED (Red) module error (ERR)
Height	0.55 in (13.9 mm)
Depth	2.76 in (70 mm)
Width	5.05 in (128.3 mm)
Net Weight	0.26 lb(US) (0.116 kg)

Environment

Standards	EN/IEC 61131-2
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) 32...140 °F without derating
Ambient air temperature for storage	-40...185 °F (-40...85 °C) without derating -40...185 °F without derating
Relative humidity	95 % 140 °F (60 °C) without condensation
Vibration resistance	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 +/-0.35 mm 10...58 Hz
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	00785901841159
Returnability	No
Country of origin	FR

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

STBDDO3230 is replaced by:

1x



standard digital output kit STB - 24 V DC - 2 O
STBDDO3230K
