

Product data sheet

Specifications



standard digital output module STB - 115..230V AC - 2 O

STBDAO8210

⚠ Discontinued on: Sep 9, 2009

⚠ End-of-service on: Sep 9, 2009

⚠ Discontinued - Service only

Product availability: Non-Stock - Not normally stocked in distribution facility

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	Triac
Discrete Output Voltage	115...230 V
Discrete Output Voltage Type	AC

Complementary

Discrete Output Current	1000 mA 140 °F (60 °C) 2000 mA 86 °F (30 °C)
Discrete Output Logic	Positive or negative
Output Voltage	20...265 V AC
Absolute Maximum Voltage	300 V 10 s 400 V 20 ms
Response Time	10 ms off-to-on 10.5 ms on-to-off
Cold Swapping	Yes
Hot Swapping	Yes for standard NIMs
Fallback	State 0 basic NIMs User configurable standard NIMs
Protection Type	Output surge protection varistance and RC circuit
Insulation Between Channels And Logic Bus	1780 V for 1 minute
Maximum Leakage Current	2 mA at state 0 115 V 2.5 mA at state 0 230 V
Surge Current	20 A 40 ms 30 A 20 ms
Minimum Load	5 mA
Reset	Manual or automatic reset COM fault
Product Compatibility	I/O base STBXBA2000 Power distribution module STBPDT2100/2105
Supply	Power distribution module
Current Consumption	45 mA 5 V DC logic bus
Marking	CE

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

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	0.72 in (18.4 mm)
Depth	2.76 in (70 mm)
Width	5.05 in (128.3 mm)
Net Weight	0.28 lb(US) (0.125 kg)

Environment

Standards	EN/IEC 61131-2
Product Certifications	UL FM Class 1 Division 2 CSA
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
Ambient Air Temperature For Operation	32...140 °F without derating
Ambient Air Temperature For Storage	-40...185 °F (-40...85 °C) without derating
Ambient Air Temperature For Storage	-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	US1PC3218215
Discount Schedule	PC32
Gtin	00785901699859
Returnability	No
Country Of Origin	US

Contractual warranty

Warranty	18 months
----------	-----------