



Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard digital output kit
Kit composition	STBDAO8210 module STBXBA2000 base STBXTS1100, 5-terminal screw type connector STBXTS2110, 5-terminal spring clamp connector
Discrete output number	2
Discrete output type	Triac
Discrete output voltage	115...230 V
Discrete output voltage type	AC

Complementary

Discrete output current	2000 mA 30 °C 1000 mA 60 °C
Discrete output logic	Positive or negative
Permissible voltage	20...265 V AC
Absolute maximum voltage	400 V 20 ms 300 V 10 s
Response time	10.5 ms on-to-off 10 ms off-to-on
Cold swapping	Yes
Hot swapping	Yes for standard NIMs
Fallback	User configurable standard NIMs State 0 basic NIMs
Protection type	Output surge protection varistance and RC circuit
Insulation between channels and logic bus	1780 V for 1 minute
Leakage current	<= 2.5 mA at state 0 230 V <= 2 mA at state 0 115 V
Surge current	<= 30 A 20 ms <= 20 A 40 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
Overvoltage category	II
Status LED	1 LED red module error (ERR) 1 LED per channel green channel status (OUT1 to OUT2) 1 LED green module status (RDY)
Height	18.4 mm
Depth	70 mm
Width	128.3 mm
Product weight	0.125 kg

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Environment

Standards	EN/IEC 61131-2
Product certifications	CSA FM Class 1 Division 2 UL
Pollution degree	2 IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 EN 61131-2 class 1
Ambient air temperature for operation	0...60 °C without
Ambient air temperature for operation	32...140 °F without
Ambient air temperature for storage	-40...85 °C without
Ambient air temperature for storage	-40...185 °F without
Relative humidity	95 % 60 °C without condensation
Vibration resistance	5 gn 58...150 Hz 35 x 15 mm symmetrical DIN rail 3 gn 58...150 Hz 35 x 7.5 mm symmetrical DIN rail +/-0.35 mm 10...58 Hz
Shock resistance	30 gn 11 ms IEC 88 reference 2-27

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will be Compliant on 4Q2013
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available  Download Product Environmental

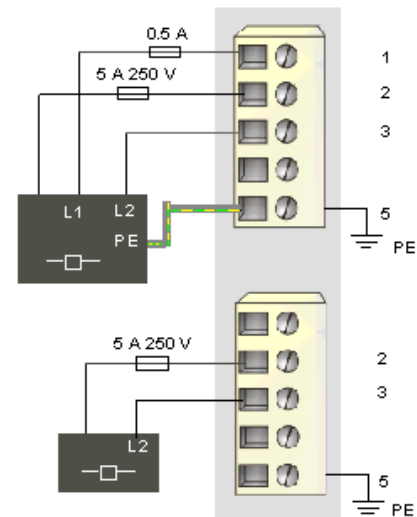
Dimensions



Wiring Diagram

Example

1 three-wire actuator and 1 two-wire actuator



Pin	Top Connector	Bottom Connector
1	actuator bus power (L1)	actuator bus power (L1)
2	output to actuator 1 (common with L1)	output to actuator 2 (common with L1)
3	field power neutral or L2	field power neutral or L2
4	field power neutral or L2	field power neutral or L2
5	protective earth	protective earth