

STBDRC3210K

standard digital output kit STB - 24 V 115..230 V AC
DC - 2 O



Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard digital output kit
Kit composition	STBDRC3210 module STBXBA3000 base STBXTS1100, 5-terminal screw type connector STBXTS2110, 5-terminal spring clamp connector
Discrete output number	2
Discrete output type	Relay
Discrete output function	2 NO/NC
Discrete output voltage	115...230 V 24 V
Discrete output voltage type	AC DC

Complementary

Discrete output current	2000 mA
Discrete output logic	Positive or negative
Output voltage	5...30 V DC 20...250 V AC
Response time	5.25 ms off-to-on 6.75 ms on-to-off
Switching capacity in VA	600 VA resistive
Mechanical durability	1000000 cycles
Electrical durability	100000 cycles resistive
Cold swapping	Yes
Hot swapping fallback	Yes for standard NIMs
Fallback status	State 0 basic NIMs User configurable standard NIMs
Protection type	Coil protection integrated fuse on PDM time lag 10 A Output surge protection GMOV
Insulation between channels	500 V for 1 minute
Insulation between channels and logic bus	1780 V for 1 minute
Insulation between logic bus and actuator bus	1500 V for 1 minute
Surge current	<= 20 A 10 ms capacitive
Minimum load	50 mA
Reset	Manual reset COM fault
Product compatibility	I/O base STBXBA2000 Power distribution module STBPDT3100/3105
[Us] rated supply voltage	24 V DC
Supply	Power distribution module
Current consumption	55 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	18.4 mm
Depth	70 mm
Width	128.3 mm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Product weight 0.13 kg

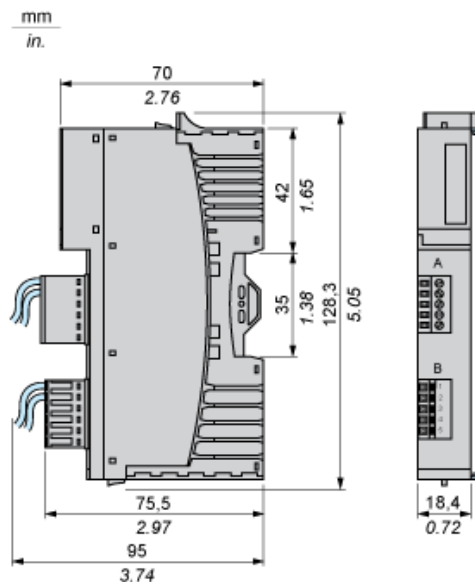
Environment

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	+/-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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0905 - Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

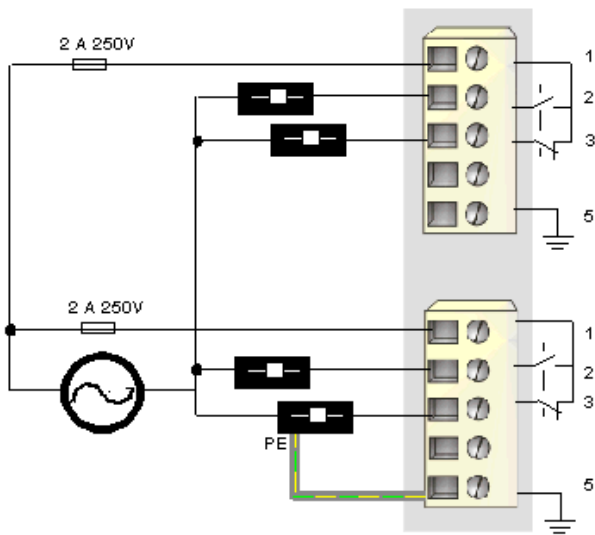
Dimensions



Wiring Diagrams

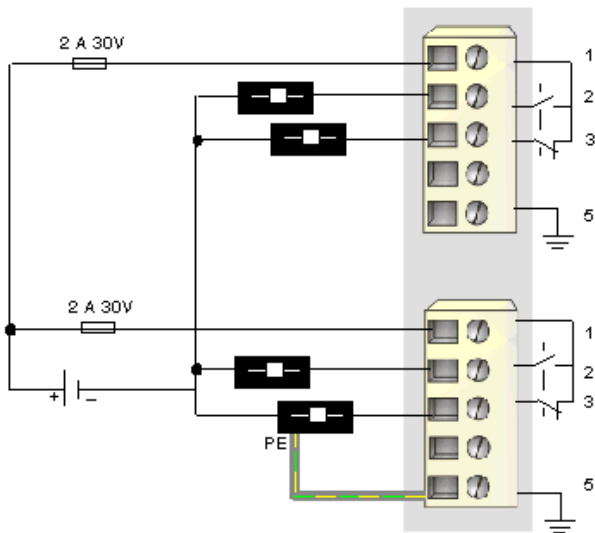
Examples

4 two-wire actuators, external AC power supply



Pin	Top Connector	Bottom Connector
1	relay common 1	relay common 2
2	N.O. connection for relay 1	N.O. connection for relay 2
3	N.C. connection for relay 1	N.C. connection for relay 2
4	no connection	no connection
5	PE	PE

4 two-wire actuators, external DC power supply



Pin	Top Connector	Bottom Connector
1	relay common 1	relay common 2
2	N.O. connection for relay 1	N.O. connection for relay 2
3	N.C. connection for relay 1	N.C. connection for relay 2
4	no connection	no connection
5	PE	PE