

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
Permissible voltage	20...250 V AC 5...30 V DC
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
Product weight	0.13 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	+/-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	Not Green Premium product
RoHS	Compliant - since 0905 - Schneider Electric declaration of conformity
Product environmental profile	Available

Contractual warranty

Period	18 months
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