

Product data sheet

Specifications



standard digital output kit, Modicon STB, 24V or 115 to 230V AC or DC, 20

STBDRC3210K

Product availability: Stock - Normally stocked in distribution facility

Main

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

Complementary

Discrete output current	2000 mA
Discrete output logic	Positive or negative
Output 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	Yes for standard NIMs
fallback	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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	0.7 in (18.4 mm)
Depth	2.8 in (70 mm)
Width	5.05 in (128.3 mm)
Net Weight	0.29 lb(US) (0.13 kg)

Environment

Standards	IEC 61131-2
Product Certifications	FM Class 1 Division 2 CSA UL
Pollution degree	2 IEC 60664-1
Operating altitude	<= 6561.68 ft (2000 m)
IP degree of protection	IP20 conforming to IEC 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	3595863949162
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1

Package 1 Height	1.06 in (2.700 cm)
Package 1 Width	2.99 in (7.600 cm)
Package 1 Length	5.12 in (13.000 cm)
Package weight(Lbs)	5.291 oz (150.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	28
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	10.179 lb(US) (4.617 kg)

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) 21

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number 6830dd70-e4bc-47df-85c7-e41f888576f4

REACH Regulation [REACH Declaration](#)

California proposition 65 **WARNING:** This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

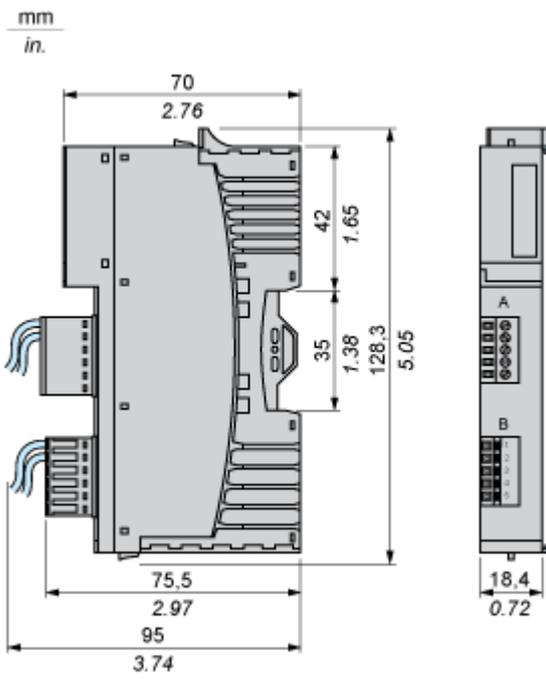
Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back No

Dimensions Drawings

Dimensions

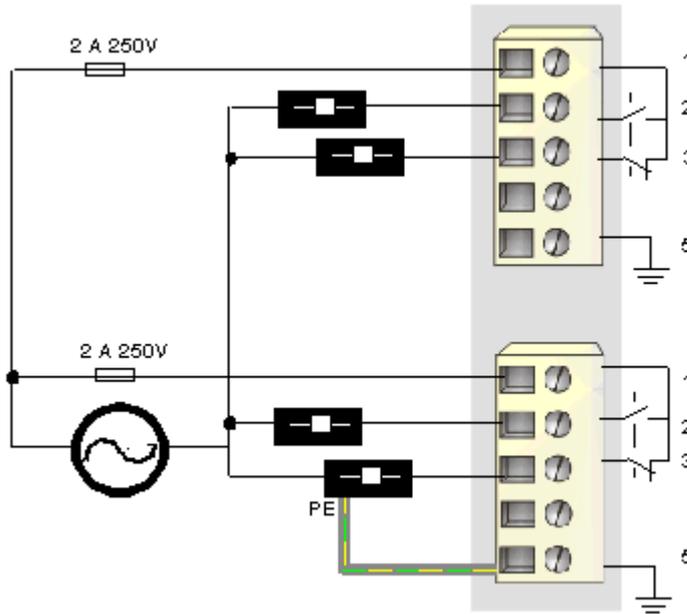


Connections and Schema

Wiring Diagrams

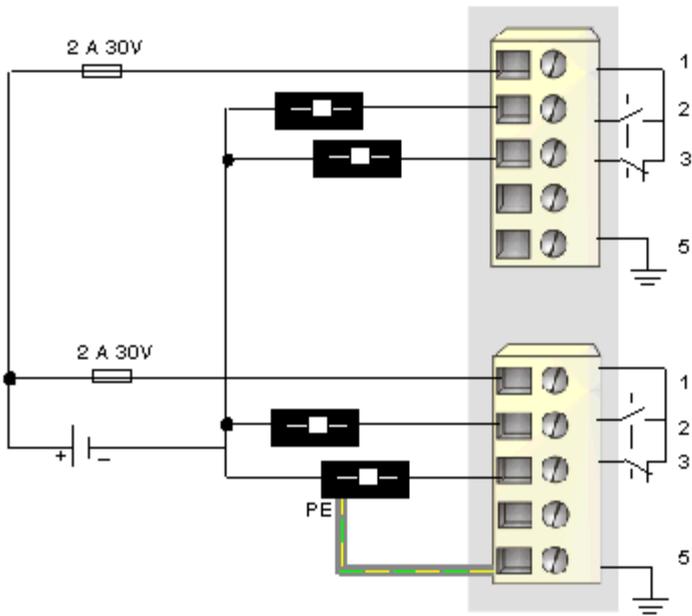
Examples

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



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