



Main

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|------------------------------|--|
| Range of product | Modicon STB distributed I/O solution |
| Product or component type | Standard digital output kit |
| Kit composition | STBXTS1100, 5-terminal screw type connector STBXBA2000 base STBXTS2110, 5-terminal spring clamp connector STBDRA3290 module |
| Discrete output number | 2 |
| Discrete output type | Relay |
| Discrete output function | 1 NO + 1 NC |
| Discrete output voltage | 24 V 115...230 V |
| Discrete output voltage type | AC DC |

Complementary

| | |
|---|---|
| Discrete output current | 7000 mA |
| Discrete output logic | Positive or negative |
| Output voltage | 20...250 V AC 5...30 V DC |
| Response time | 10 ms off-to-on 10 ms on-to-off |
| Switching capacity in VA | 2100 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 |
| Reset | Manual reset COM fault |
| Product compatibility | I/O base STBXBA3000 Power distribution module STBPDT3100/3105 |
| [Us] rated supply voltage | 24 V DC |
| Supply | Power distribution module |
| Current consumption | 55 mA at 5 V DC for 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 | 28.1 mm |
| Depth | 70 mm |
| Width | 128.3 mm |
| Net weight | 0.13 kg |

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.

Environment

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

Packing Units

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|------------------|------------|
| Package 1 Weight | 0.197 kg |
| Package 1 Height | 40.000 mm |
| Package 1 width | 75.000 mm |
| Package 1 Length | 130.000 mm |

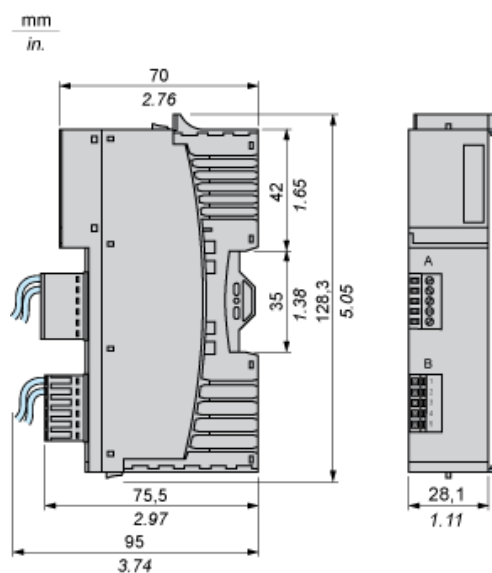
Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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

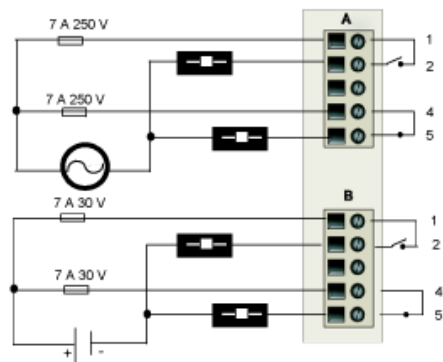
Dimensions



Wiring Diagram

Example

4 two-wire actuators



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