



### Main

|                           |                                      |
|---------------------------|--------------------------------------|
| Range of product          | Modicon STB distributed I/O solution |
| Product or component type | Basic power distribution kit         |

### Complementary

|                             |                                                                                                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Kit composition             | STBPDT2100 module<br>STBXBA2200 base<br>STBXTS1130, screw type connectors<br>STBXTS2130, spring type connectors           |
| [Us] rated supply voltage   | 115...230 V                                                                                                               |
| Supply circuit type         | AC                                                                                                                        |
| Supply frequency            | 50...60 Hz                                                                                                                |
| Power supply output current | 0...4 A 30 °C input/output circuit<br>0...2.5 A 60 °C input/output circuit                                                |
| Voltage range               | 85...265 V AC sensor/actuator bus                                                                                         |
| Hot swapping fallback       | Hot swapping illegal                                                                                                      |
| Protection type             | Built-in overcurrent protection 5 A time-lag output circuit<br>Built-in overcurrent protection 5 A time-lag input circuit |
| Permissible current         | 0...30 A for 2 minutes grounding terminal                                                                                 |
| Product compatibility       | Mounting base STBXBA2200                                                                                                  |
| Marking                     | CE                                                                                                                        |
| Overvoltage category        | II                                                                                                                        |
| Depth                       | 65.1 mm                                                                                                                   |
| Height                      | 18.4 mm                                                                                                                   |
| Width                       | 125 mm                                                                                                                    |
| Product weight              | 0.129 kg                                                                                                                  |

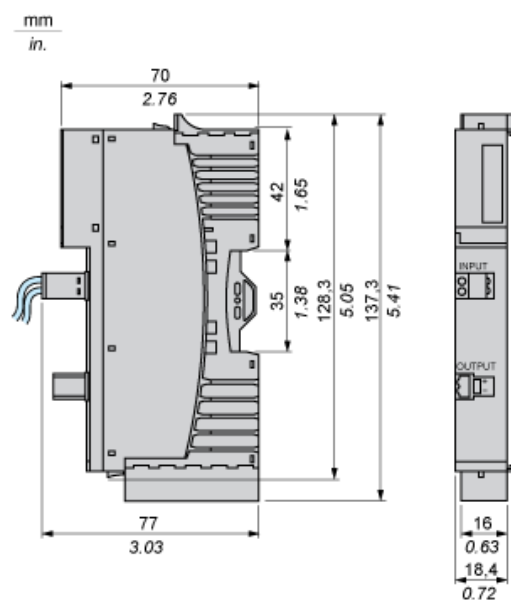
### Environment

|                                       |                                                                                                                                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Product certifications                | CSA<br>FM Class 1 Division 2<br>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 derating                                                                                                     |
| Ambient air temperature for storage   | -40...85 °C                                                                                                                    |
| Relative humidity                     | 95 % 60 °C without condensation                                                                                                |
| Vibration resistance                  | 5 gn 58...150 Hz 35 x 15 mm symmetrical DIN rail<br>3 gn 58...150 Hz 35 x 7.5 mm symmetrical DIN rail<br>+/-0.35 mm 10...58 Hz |
| Shock resistance                      | 30 gn 11 ms IEC 88 reference 2-27                                                                                              |

## Offer Sustainability

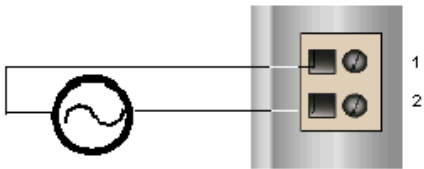
|                          |                                                   |
|--------------------------|---------------------------------------------------|
| Sustainable offer status | Not Green Premium product                         |
| RoHS (date code: YYWW)   | Will be Compliant on 4Q2013                       |
| REACH                    | Reference not containing SVHC above the threshold |

Dimensions



Wiring Diagram

Single power supply



| Pin | Connection               |
|-----|--------------------------|
| 1   | +115/230 VAC field power |
| 2   | -115/230 VAC return      |