

# Product data sheet

Specifications



## standard digital output module STB - 24 V AC DC - 2 O

STBDRA3290

⚠ Discontinued on: Sep 9, 2009

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### Main

|                              |                                      |
|------------------------------|--------------------------------------|
| Range Of Product             | Modicon STB distributed I/O solution |
| Product Or Component Type    | Standard digital output module       |
| Discrete Output Number       | 2                                    |
| Discrete Output Type         | Relay                                |
| Discrete Output Function     | 1 NO + 1 NC                          |
| Discrete Output Voltage      | 115...230 V<br>24 V                  |
| Discrete Output Voltage Type | DC<br>AC                             |

### Complementary

|   |  |
|---|--|
| Discrete Output Current                       | 7000 mA  |
| Discrete Output Logic                         | Positive or negative   |
| Output Voltage                                | 20...250 V AC<br>5...30 V DC   |
| Response Time                                 | 10 ms off-to-on<br>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<br>User configurable standard NIMs                                |
| Protection Type                               | Coil protection integrated fuse on PDM time lag 10 A<br>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   |

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

Disclaimer: 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

|                           |  |
|---------------------------|--|
| Product Compatibility     | I/O base STBXBA3000<br>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)<br>1 LED per channel (Green) channel status (OUT1 to OUT2)<br>1 LED (Red) module error (ERR) |
| Height                    | 1.11 in (28.1 mm)  |
| Depth                     | 2.76 in (70 mm)  |
| Width                     | 5.05 in (128.3 mm)   |
| Net Weight                | 0.29 lb(US) (0.13 kg)  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN/IEC 61131-2   |
| Product Certifications                | UL<br>CSA<br>FM Class 1 Division 2   |
| Pollution Degree                      | 2 IEC 60664-1  |
| Operating Altitude                    | <= 6561.68 ft (2000 m)   |
| Ip Degree Of Protection               | IP20 conforming to EN 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<br>5 gn 58...150 Hz 35 x 15 mm symmetrical DIN rail<br>+/-0.35 mm 10...58 Hz |
| Shock Resistance                      | 30 gn 11 ms IEC 88 reference 2-27  |

## Ordering and shipping details

|                   |                        |
|-------------------|------------------------|
| Category          | 18215-ADVANTYS STB I/O |
| Discount Schedule | PC32                   |
| Gtin              | 00785901277378         |
| Returnability     | No                     |
| Country Of Origin | FR                     |

## Contractual warranty

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