

# Product data sheet

Specifications



## standard digital output module STB - 24 V DC - 0.5 mA min load - 2 O

STBDDO3200

! Discontinued on: 09 September 2009

! Discontinued

### 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	Solid state
Discrete output voltage	24 V
Discrete output voltage type	DC

### Complementary

Discrete output current	500 mA
Discrete output logic	Positive or negative
Output voltage	19.2...30 V DC
Absolute maximum voltage	56 V 1.3 ms
Response Time	575 $\mu$ s on-to-off 620 $\mu$ s off-to-on
Cold swapping	Yes
Hot swapping	Yes for standard NIMs
Fallback	State 0 basic NIMs User configurable standard NIMs
Protection type	Power protection integrated fuse on PDM time lag 10 A Reverse polarity protection Short-circuit protection Thermal overload protection
Insulation between channels and logic bus	1500 V for 1 minute
Maximum leakage current	0.4 mA at state 0 30 V
Surge current	5 A 0.5 ms
Maximum load capacitance	50 $\mu$ F
Maximum load inductance	500 mH 4 Hz
Minimum load	0.5 mA
Reset	Manual or automatic reset COM fault
Product Compatibility	I/O base STBXBA1000 Power distribution module STBPDT3100/3105

<b>[Us] rated supply voltage</b>	24 V DC
<b>Supply</b>	Power distribution module
<b>Current consumption</b>	50 mA 5 V DC logic bus
<b>Marking</b>	CE
<b>Overvoltage category</b>	II
<b>Status LED</b>	1 LED (Green) module status (RDY) 1 LED per channel (Green) channel status (OUT1 to OUT2) 1 LED (Red) module error (ERR)
<b>Height</b>	0.55 in (13.9 mm)
<b>Depth</b>	2.76 in (70 mm)
<b>Width</b>	5.05 in (128.3 mm)
<b>Net Weight</b>	0.25 lb(US) (0.112 kg)

## Environment

<b>Standards</b>	EN/IEC 61131-2
<b>Product Certifications</b>	UL FM Class 1 Division 2 CSA
<b>Pollution degree</b>	2 IEC 60664-1
<b>Operating altitude</b>	<= 6561.68 ft (2000 m)
<b>IP degree of protection</b>	IP20 conforming to EN 61131-2 class 1
<b>Ambient air temperature for operation</b>	32...140 °F (0...60 °C) without derating  32...140 °F without derating
<b>Ambient air temperature for storage</b>	-40...185 °F (-40...85 °C) without derating  -40...185 °F without derating
<b>Relative humidity</b>	95 % 140 °F (60 °C) without condensation
<b>Vibration resistance</b>	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
<b>Shock resistance</b>	30 gn 11 ms IEC 88 reference 2-27

## Ordering and shipping details

<b>Category</b>	18215-ADVANTYS STB I/O
<b>Discount Schedule</b>	PC32
<b>GTIN</b>	00785901841111
<b>Returnability</b>	No
<b>Country of origin</b>	FR

## Contractual warranty

<b>Warranty</b>	18 months
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## Recommended replacement(s)

STBDDO3200 is replaced by:

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1x



standard digital output kit - Modicon STB - 24 V DC - 2 O  
STBDDO3200K

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