

Product data sheet

Specifications



standard digital input module STB - 24 V DC - 6 I

STBDDI3610

 **Discontinued on:** Sep 9, 2009

 **Discontinued**

Main

Range Of Product	Modicon STB distributed I/O solution
Product Or Component Type	Standard digital input module
Discrete Input Number	6
Discrete Input Voltage	24 V
Discrete Input Voltage Type	DC

Complementary

Input Voltage Limits	15...30 V at state 1 -3...5 V at state 0
Acceptable Input Voltage	30 V
Absolute Maximum Voltage	56 V 1.3 ms
Discrete Input Current	4.5 mA
Current State 0 Guaranteed	<= 0.5 mA
Current State 1 Guaranteed	>= 2.5 mA
Discrete Input Logic	Positive or negative
Response Time	1.21 ms off-to-on 1.74 ms on-to-off
Protection Type	Power protection integrated fuse on PDM time lag 10 A Input protection resistor-limited Reverse polarity protection
Insulation Between Channels And Logic Bus	1500 V for 1 minute
Cold Swapping	Yes
Hot Swapping	Yes for standard NIMs
Input Filtering	1 ms
Product Compatibility	I/O base STBXBA1000 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

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

Status Led	1 LED (Green) module status (RDY) 1 LED per channel (Green) channel status (IN1 to IN6) 1 LED (Red) module error (ERR)
Depth	2.56 in (65.1 mm)
Height	0.72 in (18.4 mm)
Width	4.92 in (125 mm)
Net Weight	0.25 lb(US) (0.112 kg)

Environment

Standards	EN/IEC 61131-2 type 1
Product Certifications	UL CSA 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	-13...158 °F (-25...70 °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	18215-ADVANTYS STB I/O
Discount Schedule	PC32
Gtin	00785901578673
Returnability	No
Country Of Origin	FR

Contractual warranty

Warranty	18 months
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