

Product datasheet

Specifications



standard digital output module STB - 24 V DC - 6 O

STBDDO3600

⚠ Discontinued on: Jul 7, 2021

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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	6
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	715 µs off-to-on 955 µs on-to-off
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 µF
Maximum Load Inductance	500 mH at 4 Hz
Minimum Load	0.5 mA
Reset	Manual reset COM fault
Product Compatibility	Power distribution module STBPDT3100/3105 I/O base STBXBA1000
[Us] Rated Supply Voltage	24 V DC
Supply	Power distribution module

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

Current Consumption	90 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 OUT6) 1 LED (red) module error (ERR)
Height	13.9 mm
Depth	70 mm
Width	128.3 mm
Net Weight	0.114 kg

Environment

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

Contractual warranty

Warranty	18 months
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