

Product availability : Stock - Normally stocked in distribution facility



Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Basic digital output kit
Kit composition	STBDDO3705 module STBXTS2180, 18-terminal spring clamp connector STBXBA3000 base
Discrete output number	16
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
Output voltage	19.2...30 V DC
Permissible voltage	19.2...30 V DC
Absolute maximum voltage	35 V 1.3 ms
Response time	2 ms off-to-on 2 ms on-to-off
Cold swapping	Yes
Hot swapping fallback	No for basic NIMs
Protection type	Reverse polarity protection Short-circuit protection Thermal overload protection Power protection integrated fuse on PDM time lag 5 A
Insulation between channels and logic bus	1500 V for 1 minute
Leakage current	≤ 0.4 mA at state 0 30 V
Load capacitance	≤ 10 μ F
Load inductance	≤ 1000 mH 4 Hz
Reset	Manual reset COM fault

Product compatibility	Power distribution module STBPDT3100/3105 I/O base STBXBA3000
[Us] rated supply voltage	24 V DC
Supply	Power distribution module
Current consumption	135 mA 5 V DC logic bus
Marking	CE
Overvoltage category	II
Status LED	1 LED green module status (RDY) 1 LED per channel green channel status (OUT1 to OUT16)
Height	0.55 in (13.9 mm)
Depth	2.76 in (70 mm)
Width	5.05 in (128.3 mm)
Product weight	0.19 lb(US) (0.086 kg)

Environment

Standards	EN/IEC 61131-2
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 EN 61131-2 class 1
Ambient air temperature for operation	32...140 °F (0...60 °C) without
Ambient air temperature for operation	32...140 °F without
Ambient air temperature for storage	-40...185 °F (-40...85 °C) without
Ambient air temperature for storage	-40...185 °F without
Relative humidity	95 % 140 °F (60 °C) without condensation
Vibration resistance	+/-0.35 mm 10...58 Hz 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
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	00785901595601
Nbr. of units in pkg.	1
Package weight(Lbs)	0.4299999999999999
Returnability	Y
Country of origin	ID

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0811 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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