

Product datasheet

Specifications



standard digital output kit STB - 115 V AC - 2 O

STBDAO5260K

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard digital output kit
Kit composition	STBXBA2000 base STBDAO5260 module STBXTS1100, 5-terminal screw type connector STBXTS2110, 5-terminal spring clamp connector
Discrete output number	2
Discrete output type	Triac
Discrete output voltage	115 V
Discrete output voltage type	AC

Complementary

Discrete output current	1000 mA 60 °C 2000 mA 30 °C
Discrete output logic	Positive or negative
Output voltage	74....132 V AC
Absolute maximum voltage	132 V
Response time	10 ms off-to-on 10 ms on-to-off
Cold swapping	Yes
hot swapping	Yes for standard NIMs
fallback	State 0 basic NIMs User configurable standard NIMs
Protection type	Output surge protection external fuse 5 A
Insulation between channels	1780 V for 1 minute
Insulation between channels and logic bus	1780 V for 1 minute
Maximum leakage current	2 mA at state 0 132 V
Surge current	20 A 40 ms 30 A 20 ms
Minimum load	1 mA
Reset	Manual or automatic reset COM fault
Product compatibility	Power distribution module STBPDT2100/2105 I/O base STBXBA2000
Supply	Power distribution module
Current consumption	70 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 OUT2) 1 LED (red) module error (ERR)
Height	18.4 mm
Depth	70 mm
Width	128.3 mm
Net weight	0.067 kg

Environment

Standards	IEC 61131-2
Product certifications	CSA UL FM Class 1 Division 2
Pollution degree	2 conforming to IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 conforming to IEC 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.700 cm
Package 1 Width	8.000 cm
Package 1 Length	13.000 cm
Package 1 Weight	143.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	28
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.319 kg

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

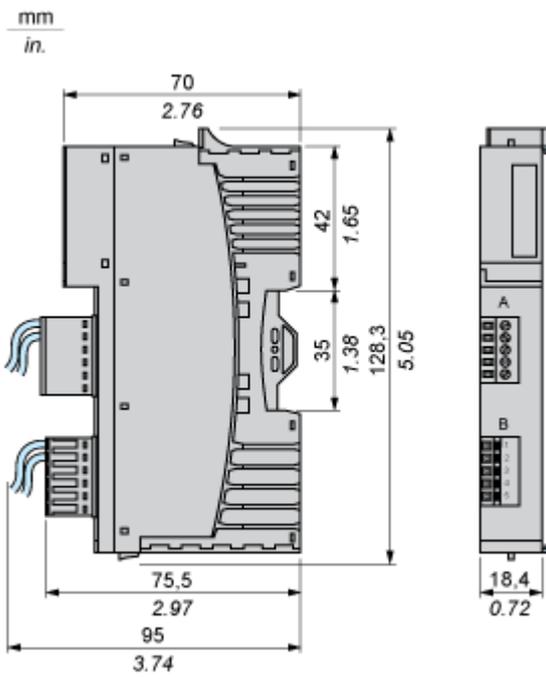
 Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	6830dd70-e4bc-47df-85c7-e41f888576f4
REACH Regulation	REACH Declaration

Use Again

 Repack and remanufacture	
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

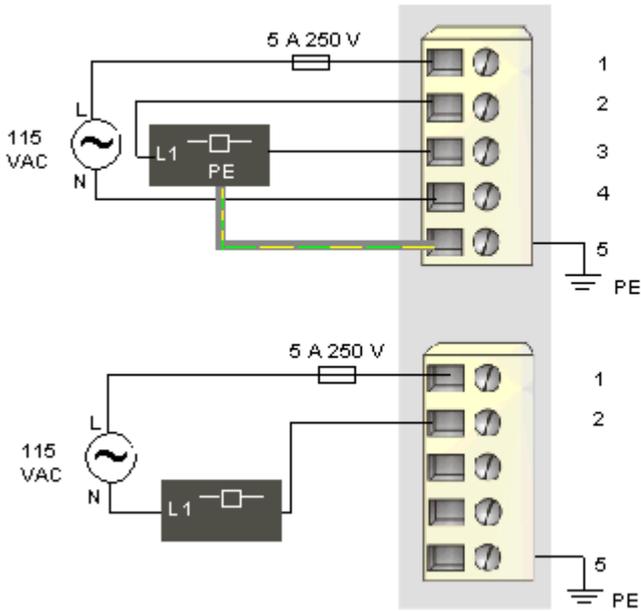


Connections and Schema

Wiring Diagram

Example

2 two-wire actuators



Pin	Top Connector	Bottom Connector
1	115 VAC source power 1 (to the module)	115 VAC source power 2 (to the module)
2	output to actuator 1	output to actuator 2
3	output neutral 1	output neutral 2
4	field power neutral 1 (to the module)	field power neutral 2 (to the module)
5	protective earth	protective earth