

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

Local distributor code:

389839086 STBDDO3600K

EAN Code: 3595863949339

Main

Range of product	Modicon STB distributed I/O solution	
Product or component type	Standard digital output kit	
Kit composition	STBXBA1000 base STBDDO3600 module STBXTS2100, 6-terminal spring clamp connector STBXTS1100, 6-terminal screw type connector	
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	19.230 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
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	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	060 °C (without derating)
Ambient air temperature for operation	32140 °F without derating
Ambient air temperature for storage	-4085 °C without derating
Ambient air temperature for storage	-40185 °F without derating
Relative humidity	95 % at 60 °C without condensation
Vibration resistance	3 gn at 58150 Hz on 35 x 7.5 mm symmetrical DIN rail 5 gn at 58150 Hz on 35 x 15 mm symmetrical DIN rail +/-0.35 mm at 1058 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	2.7 cm
Package 1 Width	8.0 cm
Package 1 Length	13.0 cm
Package 1 Weight	136.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	28
Package 2 Height	40 cm
Package 2 Width	30 cm
Package 2 Length	15 cm

Package 2 Weight 4.425 kg

Logistical informations

Country of origin FF

Contractual warranty

Warranty 18 months



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 >

∅ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	28
Environmental Disclosure	Product Environmental Profile

Use Better

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

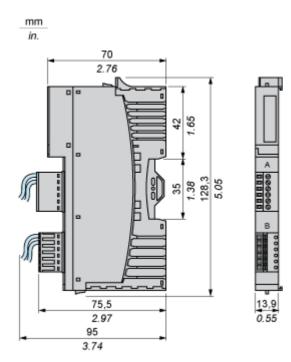
○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Product datasheet

STBDDO3600K

Dimensions Drawings

Dimensions



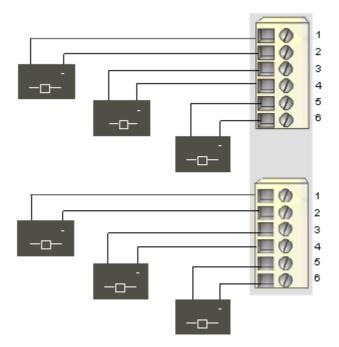
STBDDO3600K

Connections and Schema

Wiring Diagram

Example

6 two-wire actuators



Pin	Top Connector	Bottom Connector
1	output to actuator 1	output to actuator 4
2	field power return	field power return
3	output to actuator 2	output to actuator 5
4	field power return	field power return
5	output to actuator 3	output to actuator 6
6	field power return	field power return