

Specifications



Local distributor code:

389839109

STBDDO3605K

⚠ To be discontinued on: 1 Dec 2027

⚠ To be end-of-service on: 31 Dec 2035

⚠ To be discontinued

EAN Code: 3595863949346

Range of product	Modicon STB distributed I/O solution
Product or component type	Basic digital output kit
Kit composition	STBDDO3605 module STBXTS2100, 6-terminal spring clamp connector STBXBA1000 base STBXTS1100, 6-terminal screw type connector
Product compatibility	I/O base STBXBA1000 Power distribution module STBPDT3100/3105
Range compatibility	Logic/motion controller - Modicon M262 Modicon M580 Third party
Device application	Industrial application
Discrete output number	6
Discrete output logic	Positive logic (source)
Discrete output voltage	24 V DC for solid state

Output voltage	19.2...30 V DC
Absolute maximum voltage	56 V 1.3 ms
Discrete output number	6 solid state at 24 V DC
Discrete output current	250 mA
Response time on output	550 µs off to on 900 µs on to off
Maximum leakage current	0.4 mA 30 V DC at state 0
Output protection type	Power protection integrated fuse on PDM time lag 5 A Short-circuit protection Reverse polarity protection Thermal overload protection
Power supply type	Power distribution module
Typical current consumption	90 mA at 5 V DC
Electrical connection	Screw terminal
Isolation between channels and bus	1500 V for 1 minute
Surge current	2.5 A 0.5 ms
Reset	Manual or automatic reset COM fault
Overvoltage category	II

Local signalling	1 LED (green) for module status (RDY) 1 LED per channel (green) for channel status (OUT1 to OUT6)
Height	13.9 mm
Width	128.3 mm
Depth	70 mm
Product weight	0.114 kg

Environment

IP degree of protection	IP20
Marking	CE
Product certifications	UL CSA FM Class 1 Division 2
Standards	IEC 61131-2
Ambient air temperature for operation	0...60 °C (without derating)
Ambient air temperature for storage	-40...85 °C without derating
Relative humidity	95 % at 60 °C without condensation
Operating altitude	<= 2000 m
Pollution degree	2
Vibration resistance	3 gn (f = 58...150 Hz) on 35 x 7.5 mm symmetrical DIN rail 5 gn (f = 58...150 Hz) on 35 x 15 mm symmetrical DIN rail +/-0.35 mm (f = 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	13.200 cm
Package 1 Weight	137.000 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	4.282 kg

Logistical informations

Country of origin	ID
-------------------	----

Contractual warranty

Warranty (in months)	18
----------------------	----



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
SCIP Number	6830dd70-e4bc-47df-85c7-e41f888576f4
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer

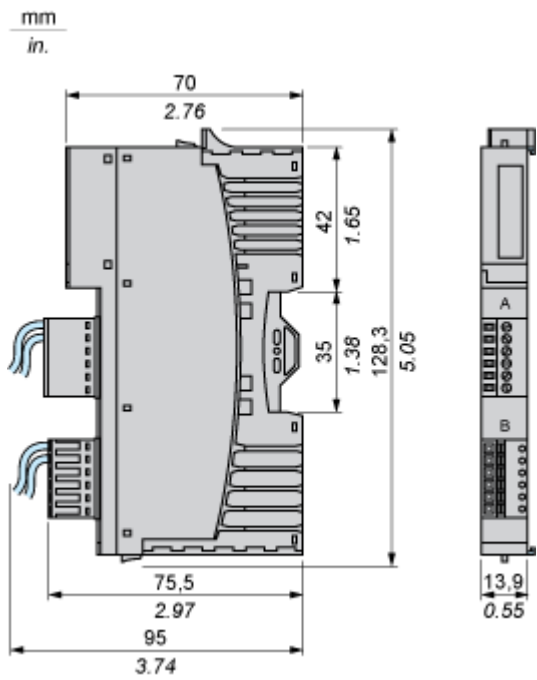
Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions

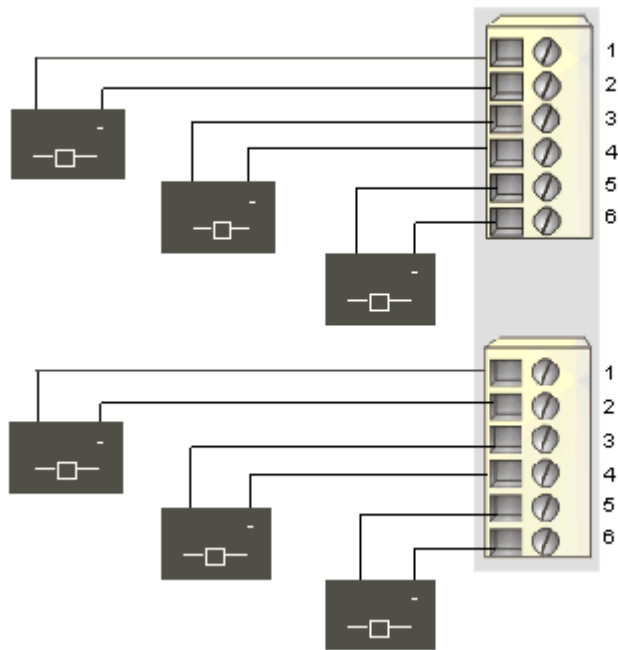


Connections and Schema

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