

Product data sheet

Specifications



digital output kit, Modicon STB, basic, 24V DC, 6 O

STBDDO3605K

Main

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

Complementary

Discrete output number	6 solid state at 24 V DC
Discrete output current	250 mA
Response time on output	< 10 ms maximum (turn on) < 10 ms maximum (turn off)
Maximum leakage current	0.4 mA 30 V DC at state 0
Typical current consumption	90 mA at 5 V DC
Electrical connection	Screw terminal
Hot swapping fallback	No for basic NIMs
Height	13.9 mm
Width	128.3 mm
Depth	70 mm
Net weight	0.114 kg

Environment

IP degree of protection	IP20
Marking	CE
Product certifications	UL CSA FM Class 1 Division 2

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

Standards	IEC 61131-2
Relative humidity	95 % at 60 °C without condensation
Operating altitude	<= 2000 m
Pollution degree	2
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

Contractual warranty

Warranty	18 months
----------	-----------


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

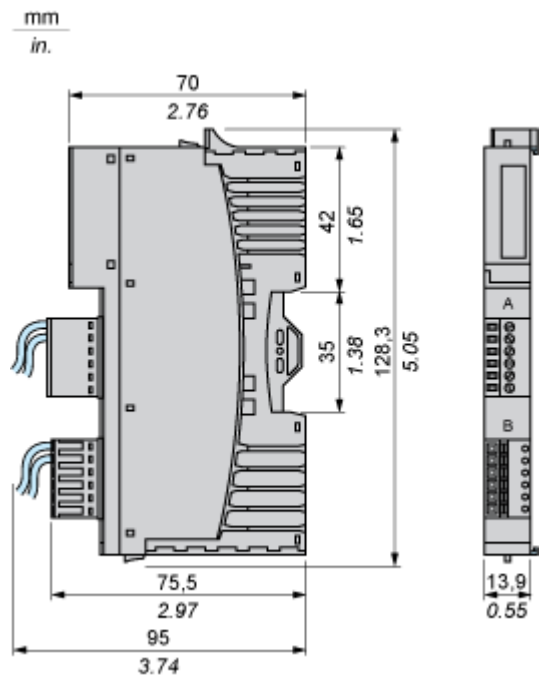
 Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	6830dd70-e4bc-47df-85c7-e41f888576f4
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

 Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions

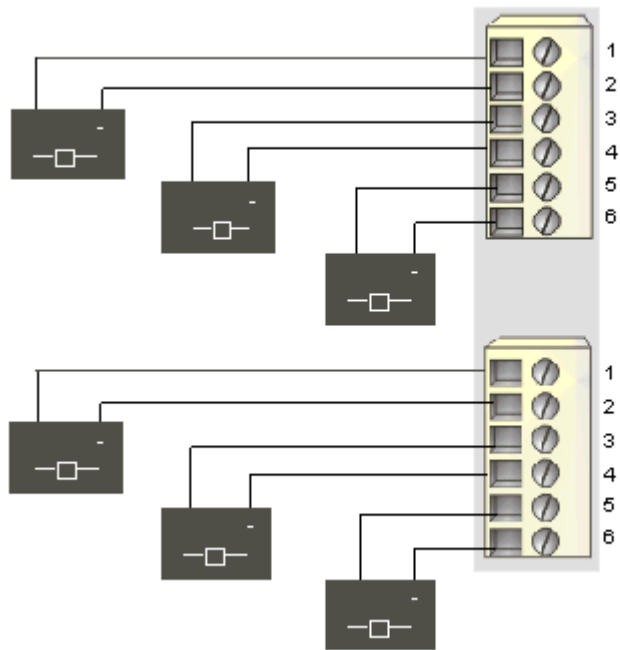


Connections and Schema

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