Product data sheet

Specifications

standard digital output kit - Modicon STB - 24 V DC - 2 O

STBDDO3200K

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard digital output kit
Kit composition	STBXTS2100, 6-terminal spring clamp connector STBXBA1000 base STBDDO3200 module 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	2
Discrete output logic	Positive logic (source)/negative logic (sink)
Discrete output voltage	24 V DC for solid state

Complementary

Discrete output number	2 solid state at 24 V DC
Discrete output current	500 mA
Response time on output	< 10 ms maximum (turn off) < 10 ms maximum (turn on)
Maximum leakage current	0.4 mA 30 V DC at state 0
Typical current consumption	50 mA at 5 V DC
Electrical connection	Screw terminal
Hot swapping fallback	Yes for standard NIMs
Height	13.9 mm
Width	128.3 mm
Depth	70 mm
Net weight	0.112 kg

Environment

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

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Standards	EN/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	13.000 cm
Package 1 Weight	133.000 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	4.196 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 ›
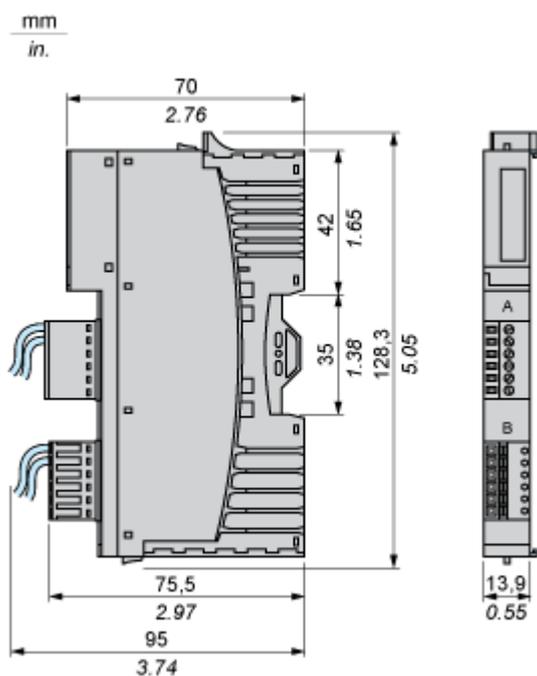
How we assess product sustainability ›

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

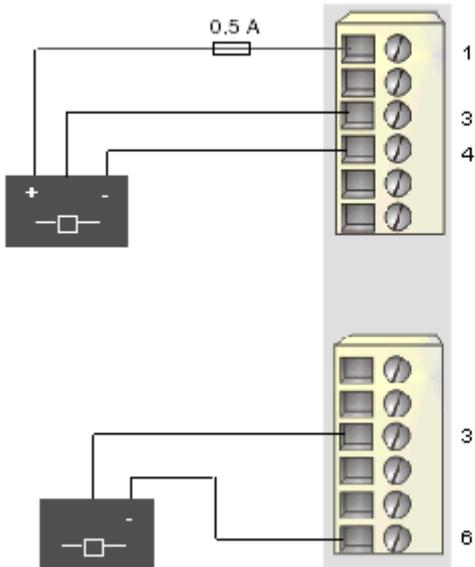## Connections and Schema

Wiring Diagram

Example

1 three-wire sensor and 1two-wire sensor

Pin	Top Connector	Bottom Connector
1	+24 VDC from actuator bus for field device accessories	+24 VDC from actuator bus for field device accessories
2	+24 VDC from actuator bus for field device accessories	+24 VDC from actuator bus for field device accessories
3	output to actuator 1	output to actuator 2
4	field power return	field power return
5	field power return	field power return
6	field power return	field power return