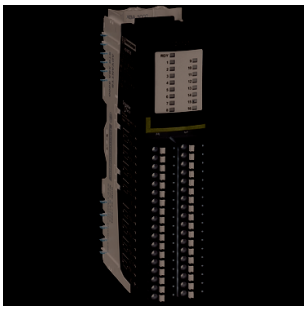
Product data sheet

Specifications



To be discontinued

basic digital output kit, Modicon STB, 24V DC, 16O, screw type connector

STBDDO3705KS

To be discontinued on: Dec 1, 2027

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

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Modicon STB distributed I/O solution
Product or Component Type	Basic digital output kit
Kit composition	STBDDO3705 module STBXBA3000 base STBXTS1180, 18-terminal screw type connector
Product Compatibility	Power distribution module STBPDT3100/3105 I/O base STBXBA3000
Range Compatibility	Logic/motion controller - Modicon M262 Modicon M580 Third party
Device Application	Industrial Application
Discrete output number	16
Discrete output logic	Positive logic (source)
Discrete output voltage	24 V DCsolid state

Complementary

Discrete output number	16 solid state at 24 V DC
Discrete output current	500 mA
Response time on output	< 10 ms off to on < 10 ms on to off
Maximum leakage current	0.4 mA 30 V DC at state 0
Typical current consumption	135 mA 5 V DC
Electrical Connection	Screw terminal
Height	0.5 in (13.9 mm)
Width	5.05 in (128.3 mm)
Depth	2.8 in (70 mm)
Product Weight	0.190 lb(US) (0.086 kg)

Environment

IP Degree of Protection	IP20
Marking	CE

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Product certifications	UL CSA FM Class 1 Division 2
Standards	IEC 61131-2
Relative humidity	95 % 140 °F (60 °C) without condensation
Operating altitude	<= 6561.68 ft (2000 m)
Pollution degree	2
Shock resistance	30 gn 11 msIEC 88 reference 2-27

Ordering and shipping details

Category	US1PC3218215
Discount Schedule	PC32
GTIN	3595863932638
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.426 in (3.622 cm)
Package 1 Width	3.129 in (7.947 cm)
Package 1 Length	5.139 in (13.052 cm)
Package weight(Lbs)	7.4 oz (210.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	20
Package 2 Height	5.9 in (15 cm)
Package 2 Width	11.8 in (30 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	10.52 lb(US) (4.77 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	320
Package 3 Height	29.5 in (75.0 cm)
Package 3 Width	23.6 in (60.0 cm)
Package 3 Length	31.5 in (80.0 cm)
Package 3 Weight	189.6 lb(US) (86 kg)

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 >

Environmental footprint

Total lifecycle Carbon footprint	**42 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**11 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**31 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.1 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**Yes**
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
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 Longer

Lifetime extension

Repair	**No**

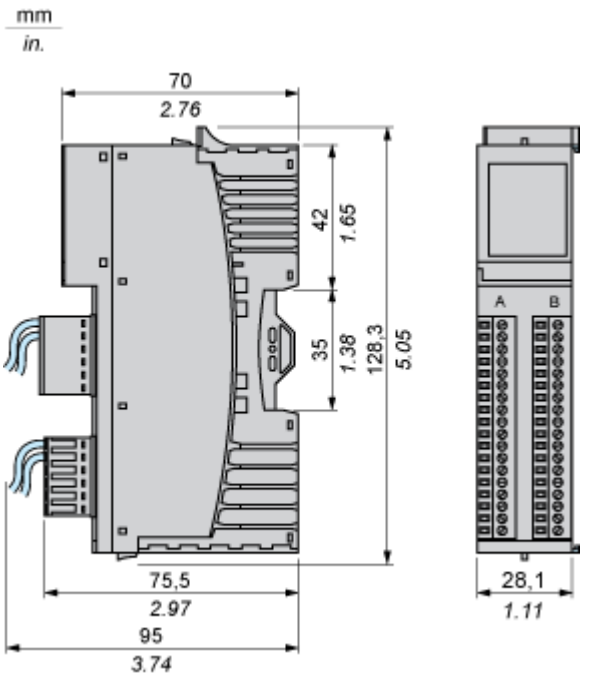
Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	**No**

Dimensions Drawings

Dimensions

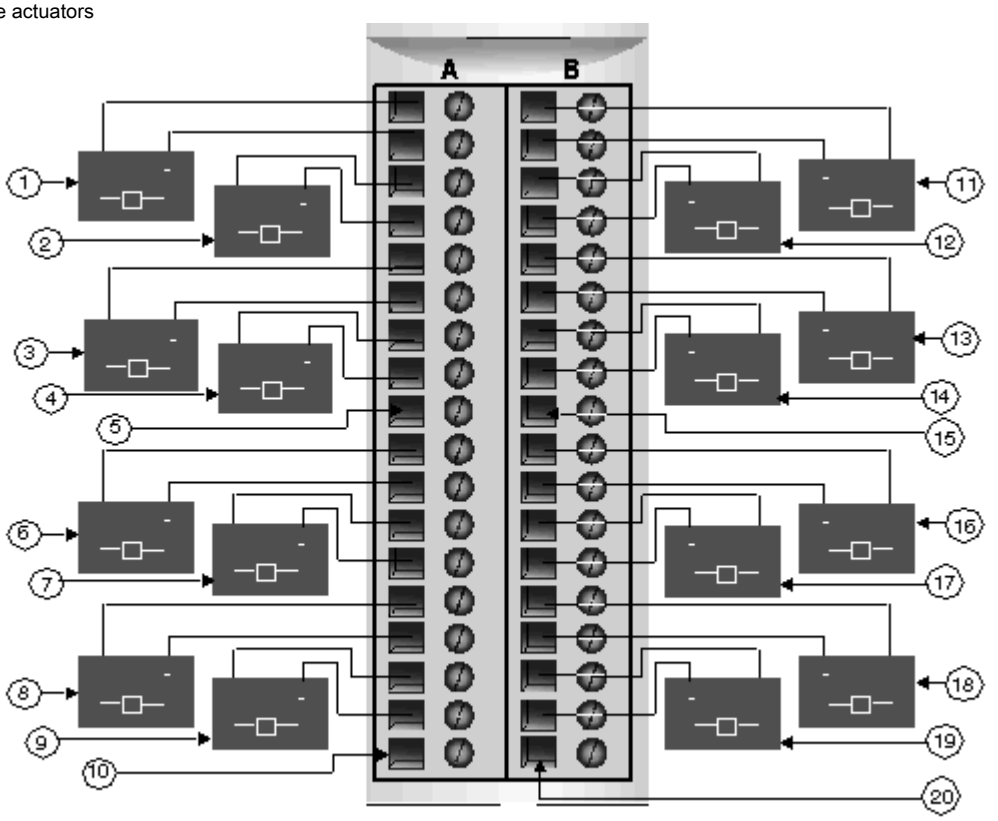


Connections and Schema

Wiring Diagram

Example

16 two-wire actuators



#	Group 1	#	Group 2
1	Channel 1, Connector A, Actuator	11	Channel 1, Connector B, Actuator
2	Channel 2, Connector A, Actuator	12	Channel 2, Connector B, Actuator
3	Channel 3, Connector A, Actuator	13	Channel 3, Connector B, Actuator
4	Channel 4, Connector A, Actuator	14	Channel 4, Connector B, Actuator
5	Pin 9, Connector A (not used)	15	Pin 9, Connector B (not used)
6	Channel 5, Connector A, Actuator	16	Channel 5, Connector B, Actuator
7	Channel 6, Connector A, Actuator	17	Channel 6, Connector B, Actuator
8	Channel 7, Connector A, Actuator	18	Channel 7, Connector B, Actuator
9	Channel 8, Connector A, Actuator	19	Channel 8, Connector B, Actuator
10	Pin 18, Connector A (not used)	20	Pin 18, Connector B (not used)