Product data sheet

Specifications

digital input kit, Modicon STB, basic, 24V DC, 4 I

STBDDI3425K

Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Basic digital input kit
Kit composition	STBXBA1000 base STBDDI3425 module STBXTS2100, 6-terminal spring clamp connector STBXTS1100, 6-terminal screw type connector
Product compatibility	I/O base STBXBA1000 Power distribution module STBPDT3100/3105
Discrete input number	4
Discrete input logic	Positive

Complementary

Hot swapping fallback	Yes for basic NIMs
Height	18.4 mm
Width	125 mm
Depth	65.1 mm
Net weight	0.111 kg

Environment

Marking	CE
Relative humidity	95 % at 60 °C without condensation

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.500 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

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| **Package 2 Weight** | 4.154 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

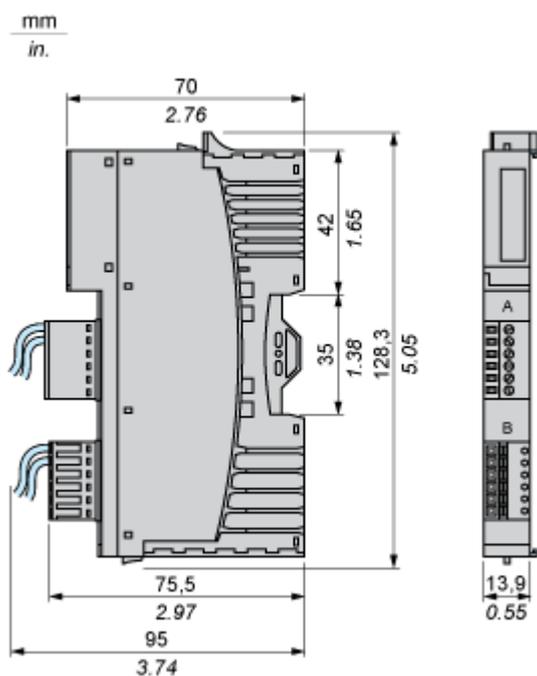| Materials and Substances	
Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
SCIP Number	**6830dd70-e4bc-47df-85c7-e41f888576f4**
REACh Regulation	**REACh Declaration**
California 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

mm
in.

70
2.76

42
1.65

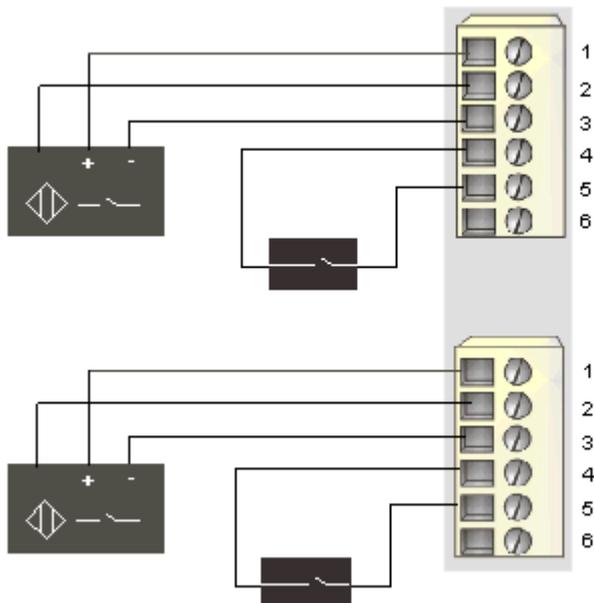3.5
1.38

128,3

5.05

75,5
2.97

95
3.74

A

B

13,9
0.55

Connections and Schema

Wiring Diagram

Example

2 three-wire sensor and 2 two-wire sensor

Pin	Top Connector	Bottom Connector
1	+24 VDC from sensor bus for field device accessories	+24 VDC from sensor bus for field device accessories
2	input from sensor 1	input from sensor 3
3	field power return (to the module)	field power return (to the module)
4	+24 VDC from sensor bus for field device accessories	+24 VDC from sensor bus for field device accessories
5	input from sensor 2	input from sensor 4
6	field power return (to the module)	field power return (to the module)