



Price* : 44.00 GBP



Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Standard digital input kit
Kit composition	STBDAI7220 module STBXBA2000 base STBXTS1110, 5-terminal screw type connector STBXTS2110, 5-terminal spring clamp connector
Discrete input number	2
Discrete input voltage	230 V
Discrete input voltage type	AC

Complementary

Input voltage limits	0...40 V at state 0 159...256 V at state 1
Permissible voltage	265 V
Absolute maximum voltage	400 V 20 ms
Network frequency	50/60 Hz
Network frequency limits	47...63 Hz
Current state 0 guaranteed	<= 2 mA
Current state 1 guaranteed	>= 4 mA
Response time	1.5 ms off-to-on 1.5 ms on-to-off
Protection type	Input protection resistor-limited Power protection integrated fuse on PDM time lag 10 A
Insulation between channels and logic bus	1780 V for 1 minute
Cold swapping	Yes
Hot swapping fallback	Yes for standard NIMs
Product compatibility	I/O base STBXBA2000 Power distribution module STBPDT2100/2105

[Us] rated supply voltage	115/230 V AC
Supply	Power distribution module
Current consumption	40 mA 5 V DC logic bus
Marking	CE
Overvoltage category	II
Status LED	1 LED green module status (RDY) 1 LED per channel green channel status (IN1 to IN2) 1 LED red module error (ERR)
Depth	65.1 mm
Height	18.4 mm
Width	125 mm
Product weight	0.122 kg

Environment

Standards	EN/IEC 61131-2 type 1
Product certifications	CSA FM Class 1 Division 2 UL
Pollution degree	2 IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 EN 61131-2 class 1
Ambient air temperature for operation	0...60 °C without derating
Ambient air temperature for operation	32...140 °F without
Ambient air temperature for storage	-40...85 °C without
Ambient air temperature for storage	-40...185 °F without
Relative humidity	95 % 60 °C without condensation
Vibration resistance	+/-0.35 mm 10...58 Hz 3 gn 58...150 Hz 35 x 7.5 mm symmetrical DIN rail 5 gn 58...150 Hz 35 x 15 mm symmetrical DIN rail
Shock resistance	30 gn 11 ms IEC 88 reference 2-27

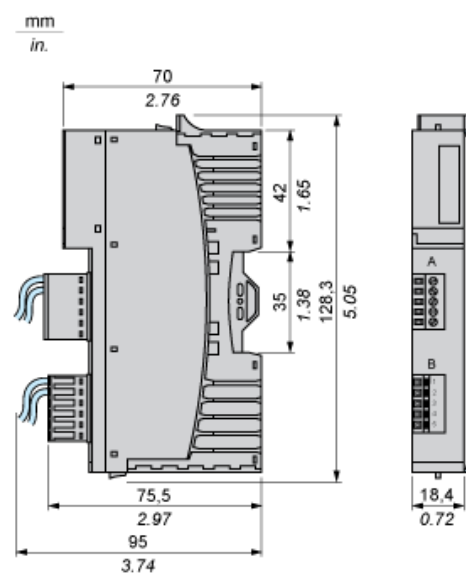
Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0849 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold - Go to CaP for more details Go to CaP for more details
Product environmental profile	Available Product environmental
Product end of life instructions	Available End of life manual

Contractual warranty

Warranty period	18 months
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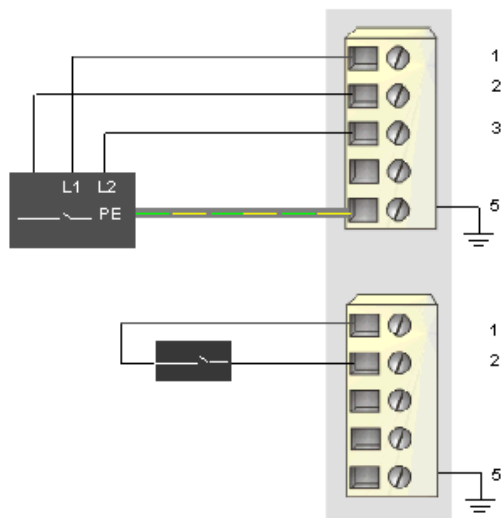
Dimensions



Wiring Diagram

Example

1 three-wire sensor and 1 two-wire sensor



Pin	Top Connector	Bottom Connector
1	230 VAC sensor bus power (L1)	230 VAC sensor bus power (L1)
2	input from sensor 1	input from sensor 2
3	field power neutral or L2 (to the module)	field power neutral or L2 (to the module)
4	field power neutral or L2 (to the module)	field power neutral or L2 (to the module)
5	protective earth	protective earth