Product data sheet
Characteristics

STBEPI2145K
parallel interface kit, Modicon STB, 12 inputs 8 outputs channel



Main

Range of product	Modicon STB distributed I/O solution
Product or component type	Parallel interface kit
Product specific application	TeSys Quickfit TeSys U

Complementary

Kit composition	Terminal spring clamp connector STBXBA3000 base Terminal screw type connector STBEPI2145 module
Number of input channels	12
Input voltage	24 V
Input voltage type	DC
Input voltage limits	15...30 V at state 1 -3...5 V at state 0
Current state 0 guaranteed	<= 0.5 mA
Current state 1 guaranteed	>= 2 mA
Number of output channels	8
Output voltage	24 V
Output voltage type	DC
Protection type	Power protection integrated fuse on PDM time lag 10 A Overload protection Short-circuit protection Input protection resistor-limited
Cold swapping	Yes
Hot swapping fallback	Yes for standard NIMs
Fallback status	State 0 basic NIMs User configurable standard NIMs
Electrical connection	4 RJ45 connectors
[Us] rated supply voltage	24 V DC
Supply	Power distribution module
Product compatibility	Power distribution module STBPDT3100/3105 Mounting base STBXBA3000
Current consumption	<= 100 mA at 24 V DC for sensor bus <= 220 mA at 24 V DC for actuator bus for 150 ms 100 mA at 5 V DC for logic bus 50 mA at 24 V DC for actuator bus (with all 8 outputs at state 0) 80 mA at 24 V DC for actuator bus per output at state 1
Marking	CE
Overvoltage category	II

Status LED	1 LED (green) module status (RDY) 1 LED (red) module error (ERR) 2 LEDs (green) switch position (S1 and S2) 4 LEDs (green) output status
Depth	170 Mm
Height	28.1 Mm
Width	128.3 Mm
Net weight	0.165 Kg

Environment

Product certifications	FM Class 1 Division 2[RETURN]UL[RETURN]CSA
Pollution degree	2 conforming to IEC 60664-1
Operating altitude	<= 2000 m
IP degree of protection	IP20 conforming to IEC 61131-2 class 1
Ambient air temperature for operation	-25…70 °C (without derating)
Ambient air temperature for storage	-40…85 °C
Relative humidity	95 % at 60 °C without condensation
Vibration resistance	3 gn at 58…150 Hz on 35 x 7.5 mm symmetrical DIN rail 5 gn at 58…150 Hz on 35 x 15 mm symmetrical DIN rail +/-0.35 mm at 10…58 Hz
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	3.800 Cm
Package 1 Width	8.200 Cm
Package 1 Length	13.100 Cm
Package 1 Weight	162.000 G
Unit Type of Package 2	S02
Number of Units in Package 2	20
Package 2 Height	15.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	3.646 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	320
Package 3 Height	75.000 Cm
Package 3 Width	60.000 Cm
Package 3 Length	80.000 Cm
Package 3 Weight	69.000 Kg

Offer Sustainability

Mercury free	Yes
Sustainable packaging	No
Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
SCIP Number	6830dd70-e4bc-47df-85c7-e41f888576f4
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status :	End of commerc. announced