# **Position switches** E100 series – Datasheet



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ISO 9001 Certified Quality System

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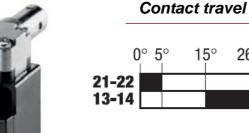
**SP** 

#### Cod. E10001SCI



(purely indicative photo)





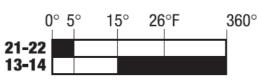
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### Contact block



Standard and Approvals

Switch certified according to IEC/EN 60947-1

Certified according to CSA file 026716-0-000

Technical features:

1 cable entry Pg 13,5 thread

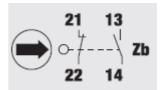
Weight: 0,125 Kg

IP66 protection degree Safety switch for hinges

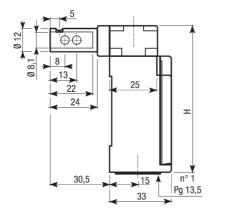
Thermoplastic body and metal head

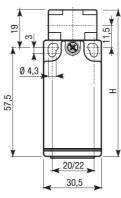
1NO+1NC slow action contact block Contact block with positive opening

Certified according to UL file E72861



### **Dimensions** Measurements in mm





H=76,5mm

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## Cod. E10001SCI

Insulation resistance			500 V DC	MΩ	100
Dielectric strength 50/60 Hz per 1' *			50/60 Hz per 1' *	V AC	2500
Rated insulation voltage	UI	IEC947-5-1		V AC	500
Rated thermal current	Ithe	IEC947-5-1	11 T. 1.	A	10
Rated operating current		IEC947-5-1/EN60947-5-1			
Category AC15	le		24 V	A	10
A300			125 V	A	6
			230 V	A	6
			400 V	A	3
Category DC13	le		24 V	A	6
Q300			48 V	A	4
			120 V	A	1
			250 V	A	0,4
Contact resistance		IEC255-7 cat.3	initial value	mΩ	25
Short circuit protective devices		IEC269 (IEC947-5-1)			
		gl or gG type fuse A			10
Rated conditionals short circuit current		IEC947-5-1		A	1000
Pollution degree		IEC947-5-1			3
Protection degree		EN 60529			IP66
Protection against electric shock			plastic	class	1
			metal	class	1
Vibration resistance		IEC68-2-6	mm		0,35 ± 15%
					(10 ÷ 55 Hz ± 1 Hz)
Shock resistance		IEC68-2-27	11 ms	g	30
Mechanical life				cycles	15.000.000
Electrical life		at 250 V AC 6A with resistance			
		load cos q=1		cycles	500.000
		at 250 V AC 6A with inductive			
		load cos qc=0,4		cycles	500.000
Distance between contacts		snap action type		mm	2x1,25
		low action type		mm	2x2
Terminals		type			Screw with combined
					notch and retravtable plate
					(notch Ph. size 1)
		SCREW		M	3,5
		protection degree			IP20
		material			Steel class 8,8/ Galvanized
		max. screw tightening torque		cNm (Kg cm)	120 (12,24)
		max connecting capaci	ty rigid cable	mm <sup>2</sup>	2x1,5
			flexible cable	mm <sup>2</sup>	2x1,5
		with prod terminal			In accordance with EN50013
Air ambient temperature		operational °C		°C	-35 ÷ +85
er og en fedelige et er forer fan 1999 fan 1999.				170	(without formation of ice)
Relative humidity operational					95% max

\* between terminals of the same polarity: between terminals with different polarity: between live mechanical parts and ground;

between live mechanical parts and non-current-carrying metal parts

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