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ISO 9001 Certified Quality System

Cod. E40000EM

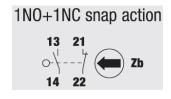


Standard and Approvals

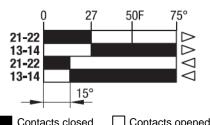
- Switch according to IEC/EN 60947-3
- Certified UL60947-4-1A and CAN/CSA C22.2 No. 60947-4-1-07
- Suitable as Manual Motor Controller



Contact block



Contact travel



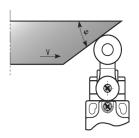
Contacts closed

Contacts opened

Characteristics

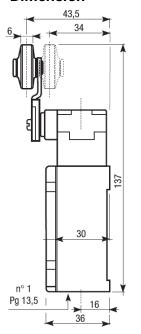
- Metal body and head
- IP66 protection degree
- 1NO+1NC snap action contact block
- Contact block with positive opening
- 1 Pg13,5 cable entry

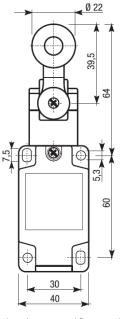
Drive cam operating parameters



φ	V max	(m/s)	
30° 45° 60°		1,5	
45°		1	
60°		0,75	
60-90°		0,25	
Drive forces			
Minimum command	force	25	Ncm
Minimum forced			
opening force		45	Ncm

Dimension





Cable Input/Output

1 on the bottom



Actuator



Thermoplastic roller lever

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Limit and Safety SwitchesDatasheet



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Technical data

					TYPE	E100 / E200 / E300 / E400	
Maximum operating frequency		operat,/hour1				3600	
nsulation resistance			500 V DC MΩ			100	
Dielectric strenght			5	0/60 Hz for 11	V AC	2500 ²	
Rated insulation voltage		Ui	EC947-5-1		V AC	500	
Rated thermal current		Ithe	IEC947-5-1		Α	10	
Rated operating current	Category AC15	le	IEC947-5-1/EN60947-5-1	24V	Α	10	
	A300		-	125V	Α	6	
			-	230 V	Α	6	
			-	400 V	Α	3	
Contact resistance			EC255-7 cat.3	initial value	mΩ	25	
Short circuit protective devices			IEC269 (IEC947-5-1)				
			fuse type gL or gG		Α	10	
Rated conditionals short circuit current			EC947-5-1		Α	1000	
Pollution degree			EC947-5-1		Α	3	
Protection degree			EN 60529			I P66	
Protection against electric shock				plastic	class	II	
			-	metal	class	I	
Vibration resistance			EC68-2-6	mm		0,35 ± 15%	
						$(10 \div 55 \text{ Hz} \pm 1 \text{ Hz})$	
Shock resistance			EC68-2-27	11ms	g	30	
Mechanical life					cycles	20,000,000	
Electric life			at 250V AC 6A with resistance				
			load cosφ=1		cycles	500,000	
		_	at 250V AC 6A with inductive				
			load cosφ=0,4		cycles	500,000	
Distance between contacts			Snap action type		mm	2x1,25	
		_	Low action type		mm	2x2	
Terminals			Туре			Screw with combined notch	
						and retractable plate	
						(notch Ph. Size 1)	
			Screw		М	3,5	
			Protection degree			IP20	
			Material			Steel class 8,8 / Galvanized	
			Max screw tightening torque	9		120 (12,24)	
		_	Max connecting capacity rigid cable m		mm²	2x1,5	
				flexible cable	mm²	2x1,5	
Terminal numbering						In accordance with EN50013	
Air ambient temperature				operational	°C	- 35 ÷ +85	
						(without formation of ice)	
Relative umidity				operational		95% max	

¹ One operation cycle means two movements, one to close and one to open as required by EN 60947-5.

² 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.