BREMAS

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ISO 9001 Certified Quality System

UK

Cod. E30000BM



Characteristics

- Metal body and head
- IP66 protection degree
- 1NO+1NC snap action contact block
- Contact block with positive opening
- 3 cable entry
- Pg 13,5 thread

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

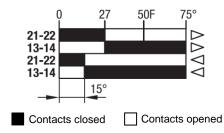


1NO+1NC snap action

21

22 14

Contact travel

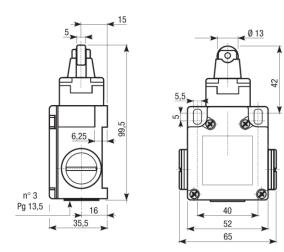


Drive cam operating parameters

Zb

	V max (m/s)	0,5
	Drive forces Minimum command force Minimum forced opening force	9 N 28 N
	φ V n 20° 30°	nax (m/s) 1 0,5
	Drive forces Minimum command force Minimum forced opening force	<u>9 N</u> 28 N

Actuator



2 on the sides + 1 on the bottom

Cable Input/Output





Steel roller plunger

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Dimension



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Technical data

					TYPE	E100 / E200 / E300 / E400
Maximum operating frequency	aximum operating frequency operat,/hour1		perat./hour1	3600		
Insulation resistance				500 V DC	MΩ	100
Dielectric strenght			5	0/60 Hz for 1	V AC	2500 ²
Rated insulation voltage		Ui	EC947-5-1		V AC	500
Rated thermal current		the	EC947-5-1		А	10
Rated operating current	Category AC15	e	IEC947-5-1/EN60947-5-1	24V	А	10
	A300		-	125V	А	6
			-	230 V	А	6
			-	400 V	А	3
Contact resistance			EC255-7 cat.3	initial value	mΩ	25
Short circuit protective devices			EC269 (EC947-5-1)			
			fuse type gL or gG		А	10
Rated conditionals short circuit current			EC947-5-1		А	1000
Pollution degree			EC947-5-1		А	3
Protection degree			EN 60529			P66
Protection against electric shock				plastic	class	I
			-	meta	class	
Vibration resistance			EC68-2-6	mm		0,35 ± 15%
						(10 ÷ 55 Hz ± 1 Hz)
Shock resistance			EC68-2-27	11ms	g	30
Mechanical life					cycles	20.000.000
Electric life			at 250V AC 6A with resistance			
			load cosq=1		cycles	500.000
			at 250V AC 6A with inductive			
			oad cosq=0,4		cycles	500.000
Distance between contacts			Snap action type		mm	2x1,25
		_	Low action type		mm	2x2
Termina ls			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)		120 (12,24)
		_	Max connecting capacity	rigid cable	mm²	2x1,5
		_	~ . /	flexible cable	mm²	2x1,5
Terminal numbering						In accordance with EN50013
Air ambient temperature				operationa	°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.