BREMAS

 Bremas Ersce SpA

 Via castellazzo 9 - 20040 Cambiago (MI)

 Tel +39 02 95651611

 Fax +39 02 95651639

 www.bremas.eu

 info@bremas.it

ISO 9001 Certified Quality System

Cod. FMV4R12230

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

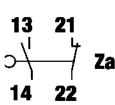


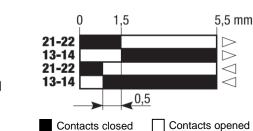
Characteristics

- · Metal body and metal head
- IP64 protection degree
- Steel roller plunger actuator
- 1NO+1NC snap action contact block
- Contact block with positive opening
- · 2 cable entries
- · Cable entry with Pg thread

Contact block

Contact travel

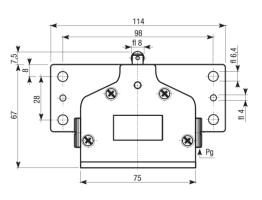




Dimension

N° of actuators

4



Ρ

12

С

30

L

78

Pg

13,5

¢ 9]	
_			
Pg			
	A		
<			

 ¢ ¥	7
	¢ Le

Drive cam operating parameters

Drive cam operating parameters			
φ V max (m/s)			
30°	1		
20°	1,5		
Drive forces			

Minimu	um command force	10 N
Minimu	um force on lateral travel	18 N

- P = Pitch (distance between two actuators)
- C = Distance between bracket and first actuator
- L = Overall dimensions

A = Distance between bracket and input/output holes

© 2017 Copyright Bremas Ersce. Subject to change without notice and errors excepted. Data reported in this paper are carefully checked and represent typical values of series production. The descriptions of the device and its applications, contexts of use, details of external controls, information on installation and operation are provided to the best of our knowledge. In any case, this does not mean that the features described may derive legal responsibilities that extend beyond the "Terms and Conditions" of Bremas Ersce. The customer / user is not absolved from the obligation to examine our information and recommendations and the relevant technical regulations before using the products for their own purposes.

A

35



Bremas Ersce SpA Via castellazzo 9 - 20040 Cambiago (MI) Tel +39 02 95651611 Fax +39 02 95651639 www.bremas.eu info@bremas.it

ISO 9001 Certified Quality System

Cod. FMV4R12230

Technical data

					TYPE	FMV
Maximum operating frequency operat./hour 1			erat./hour 1	1800		
Insulation resistance				500 V DC	MΩ	100
Dielectric strenght			5	i0/60 Hz for 1	V AC	2000 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	е	EC947-5-1/EN60947-5-1	24V	А	10
	A300			125V	А	10
				230 V	А	6
				400 V	А	4
Contact resistance			EC255-7 cat.3	initial value	mΩ	25
Short circuit protective devices			EC269 (EC947-5-1)			
			fuse type gL or gG		Α	10
Pollution degree			EC947-5-1		А	3
Protection degree			EN 60529			P64
Protection against electric shock				meta	class	I
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	30.000.000
Electric life at 250V AC 6A with resistance						
			load cosq=1		cycles	500.000
			at 250V AC 6A with inductiv	e		
			oad coq=0,4		cycles	500.000
Terminals			Туре			Screw with combined notch
						and retractable plate
						(notch Ph. Size 1)
			Screw			M3,5
			Materia			Steel class 8,8 / Galvanized
			Max. screw tightening torqu	e N	cm (Kg cm)	120 (12,24)
			Max connecting capacity	rigid cable	mm²	2x1,5
			-	flexible cable	mm²	2x1,5
with prod terminal			1x1,5			
Terminal numbering			In accordance with EN50013			
		°C	-10 ÷ +70			
						(without formation of ice)
Relative umidity		operationa			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 with different polarity; between live mechanical parts and ground; between live mechanical parts and non-current-carrying metal parts