

Bremas Ersce SpA

Via castellazzo 9 - 20040 Cambiago (MI)

Tel +39 02 95651611 Fax +39 02 95651639

info@bremas.it

ISO 9001 Certified Quality System

Cod. CA0250008PL2

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



Technical characteristics: Body

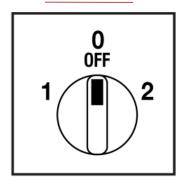
- Reversing switch 3 pole
- IP00 Protection degree
- Rated operational current le: 25A
- Rated thermal current Ith: 32A
- Rated insulation voltage Ui: 690V
- Rear Mounting
- Fixing with 2 screw at 28mm vertical
- Switching angle: 60°
- Class V2 self-extinguishing thermoplastic housing
- Assembled with metal shaft and threaded stud bolts to ensure maximum operating reliability
- Positive opening double break contacts, silver alloy made.



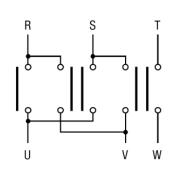
Technical characteristics: Knob

- Transparent plate 75,5x75,5mm and black knob
- · Fixing with 2 screws at 28mm vertical
- IP40 protection degree

Positions



Electrical diagram



Electrical function





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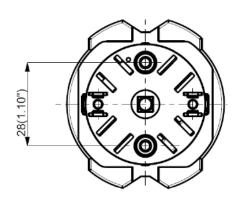
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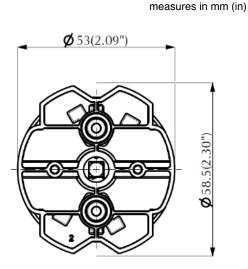
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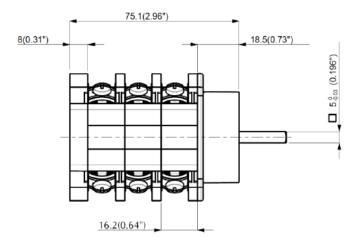
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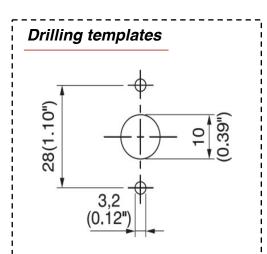
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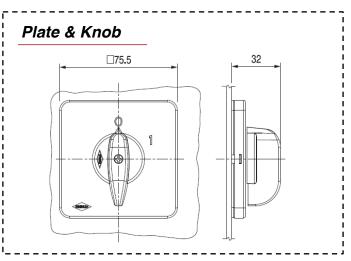
Dimensions











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echnical data IEC 947-3 EN 60947-3				
ated insulation voltage		Ui	V	690
ated operating voltage		Ue	V	690
ated impulse withstand voltage		Uimp	kV	6
ated thermal current for open switch		Ith	A	32
ated thermal current for enclosed switch		Ithe	A	32
ated operation frequency		itile	Hz	50/60
ower dissipation for each pole			W	1
ated operating current			v	
C-21A Switching resistive loads, including moderate overloads		le	A	25
C-22A Switching resistive loads, including moderate overloads C-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	A	20
C-20A Connecting and disconnecting under no loads conditions		ic .		-
ated operating power				
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole		230V	Kw (A)	7,5 (24)
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		400V	Kw (A)	11 (20)
		500V	Kw (A)	11 (15)
		690V	Kw (A)	11 (11)
		110V	Kw (A)	2,2 (25)
c-25A Switching of motor loads of other nighty inductive loads 1 phase - 2 pole		230V		
C 2 Constant and a second state of the second			Kw (A)	3,7 (20)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole		230V	Kw (A)	5,5 (17)
		400V	Kw (A)	9,5 (16)
		500V	Kw (A)	9,5 (12,5)
		690V	Kw (A)	8,5 (10)
C-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole		110V	Kw (A)	1,5 (17)
		230V	Kw (A)	3 (17)
		400V	Kw (A)	-
C-4 Squirrel cage motors: starting, pluggign, inching		230V	Kw (A)	2,2 (17)
		400V	Kw (A)	3 (5,5)
C-15 Control of a.c electromagnetic loads		230V	Α	8
		400V	Α	6
Rated breaking capability in AC-23A (cos φ=0,45)		230V	Α	192
		400V	Α	160
hort circuit protection				
ated short time withstand current		lcw	Α	400
ated short-circuit make capacity		Icm	Α	2000
ated conditional short-circuit current		-	kA	10
/ith fuses class gG		500V	А	35
echnical data UL/CSA				
ated operating voltage		Ue	UL/CSA V	600/600
eneral use current		le	UL/CSA A	25/25
nort circuit rating @600Vac			Arms	5000
use size (Class RK5, 600Vac, 200kA A.I.C.)			A	60
ated operating power				
phase - 2 pole		120V	Hp (A)	2 (24)/-
2 police		240V	Hp (A)	3 (17)/6
phase - 3 pole		200V	Hp (A)	5 (17,5)/-
priese o pore		240V	Hp (A)	7,5 (22)/-
		480V	Hp (A)	10 (14)/-
lashauisal shayastayistisa		600V	Hp (A)	10 (11)/15
lechanical characteristics		h 4		4
anel tickness		Max	mm Curles u 106	4
lechanical life			Cycles x 10 ⁶	1,5
			Cycles/hr	120
onnection according to IEC 9471-1 and EN 50947-1	6		-	
onnecting capability	With flexible wires	Min-Max	mm²	2x2,5-10
		Min-Max	AWG	14-8
	With solid wires	Min-Max	mm²	2x2,5-16
nnection terminal screw dimensions			Туре	M4
rew tightening torque			Nm	1,7
otection degree IEC 529 EN 60529				
erminals			IP	00
mbient conditions				
perating ambient temperature			°C	-25 ÷ +55
orage ambient temprature			°C	-30 ÷ +70
ithstand to constant humid according to IEC 60068				2-78