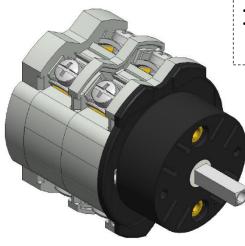
Bremas Ersce SpA Via castellazzo 9 - 20040 Cambiago (MI) Tel +39 02 95651611 Fax +39 02 95651639 www.bremas.eu info@bremas.it

ISO 9001 Certified Quality System

## Cod. CA0250004PL2

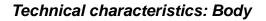


(Image is purely indicative)



# 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

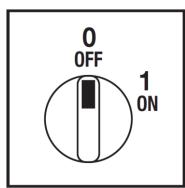


- ON-OFF swtch 4 pole
- **IP00** Protection degree
- Rated operational current le: 25A
- Rated thermal current Ith: 32A
- Rated insulation voltage Ui: 690V
- Rear mounting
- Fixing with 2 screw at 28mm vertical
- Switching angle: 60°
- Class V2 self-extinguishing thermoplastic housing
- Assembled with metal shaft and threaded stud bolts to ensure maximum operating reliability
- Positive opening double break contacts, silver alloy made.

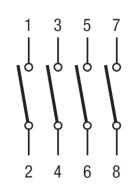
### Technical characteristics: Knob

- Transparent plate 75,5x75,5mm and black knob
- Fixing with 2 screws at 28mm vertical
- IP 40 Protection degree

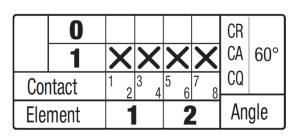
Positions



#### Electrical diagram



# Electrical function



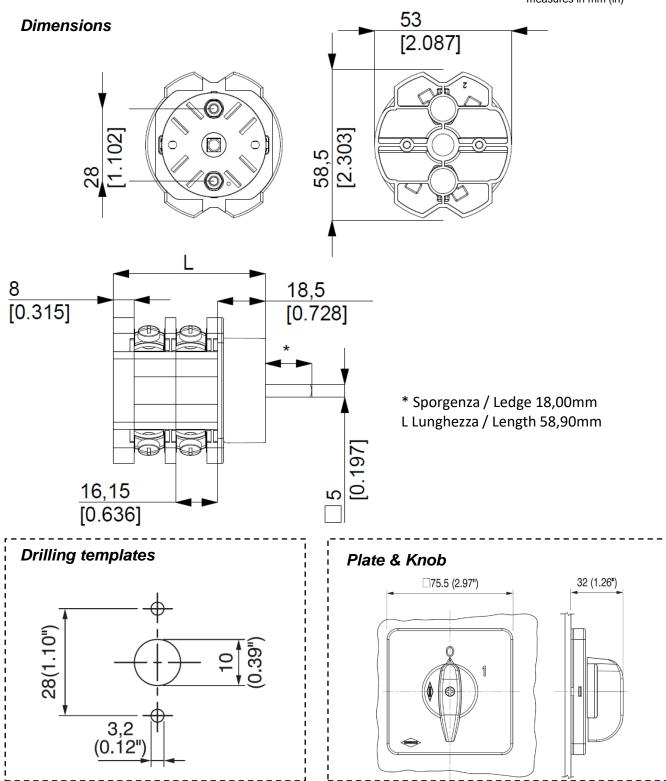
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measures in mm (in)



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Technical data IEC 947-3 EN 60947-3				
Rated insulation voltage		Ui	V	690
Rated operating voltage		Ue	V	690
Rated impulse withstand voltage		Uimp	kV	6
Rated thermal current for open switch		Ith	А	32
Rated thermal current for enclosed switch		Ithe	А	32
Rated operation frequency			Hz	50/60
Power dissipation for each pole			W	1
Rated operating current				
AC-21A Switching resistive loads, including moderate overloads		le	А	25
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	А	20
AC-20A Connecting and disconnecting under no loads conditions				-
Rated operating power				
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole		230V	Kw (A)	7,5 (24)
		400V	Kw (A)	11 (20)
		500V	Kw (A)	11 (15)
		690V	Kw (A)	11 (11)
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		110V	Kw (A)	2,2 (25)
		230V	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)
AC-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)	-
AC-4 Squirrel cage motors: starting, pluggign, inching		230V	Kw (A)	2,2 (17)
		400V	Kw (A)	3 (5,5)
AC-15 Control of a.c electromagnetic loads		230V	А	8
		400V	А	6
ated breaking capability in AC-23A (cos φ=0,45)		230V	A	192
		400V	А	160
Short circuit protection				
Rated short time withstand current		lcw	А	400
Rated short-circuit make capacity		Icm	А	2000
Rated conditional short-circuit current		-	kA	10
Vith fuses class gG		500V	А	35
Fechnical data UL/CSA				
Rated operating voltage		Ue	UL/CSA V	600/600
General use current		le	UL/CSA A	25/25
hort circuit rating @600Vac			Arms	5000
iuse size (Class RK5, 600Vac, 200kA A.I.C.)			A	60
Rated operating power				
phase - 2 pole		120V	Hp (A)	2 (24)/-
		240V	Hp (A)	3 (17)/6
phase - 3 pole		200V	Hp (A)	5 (17,5)/-
F F		240V	Hp (A)	7,5 (22)/-
		480V	Hp (A)	10 (14)/-
		600V	Hp (A)	10 (14)/15
Aechanical characteristics		0001		
Panel tickness		Max	mm	4
Archanical life		INIGA	Cycles x 10 <sup>6</sup>	1,5
		-	Cycles / 10	1,5
Connection according to IEC 9471-1 and EN 50947-1			Cycles/III	120
Connection according to lee 9471-1 and EN 90947-1	With flexible wires	Min May	mm²	2v2 E 10
	WILLI HEXIDLE WILES	Min-Max		2x2,5-10
	variale and the s	Min-Max	AWG	14-8
	With solid wires	Min-Max	mm²	2x2,5-16
ionnection terminal screw dimensions			Туре	M4
crew tightening torque			Nm	1,7
Protection degree IEC 529 EN 60529				
erminals			IP	00
Ambient conditions				
Operating ambient temperature			°C	-25 ÷ +55
· · · ·				
torage ambient temprature			°C	-30 ÷ +70
· · ·			°C	-30 ÷ +70 2-78 2-30

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