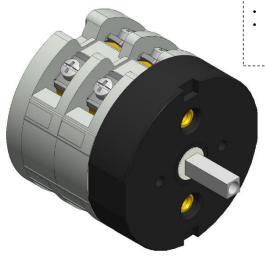
ISO 9001 Certified Quality System

Cod. CA0500007PL3



(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



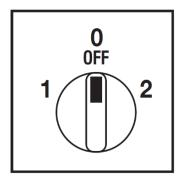
Technical characteristics: Body

- Change-over switch 3 pole
- IP00 Protection degree
- Rated operational current le: 50A (AC-21A)
- Rated thermal current Ith: 63A
- Rated insulation voltage Ui: 690V
- · Rear mounting
- Fixing with 2 screw at 40mm 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.

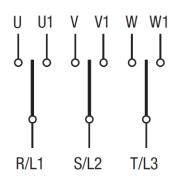
Technical characteristics: Knob

- Transparent plate 105x105mm and black knob
- · Fixing with 2 screws at 40mm vertical
- IP 40 Protection degree

Positions



Electrical diagram



Electrical function

	2		X		X		X	CR		
	0							CA	60°	
	1	X		X		X		CQ		
Cor	Contact		3 4	5 6	7 8	9 10	11 12	_		
Element		1	1		2		3		Angle	

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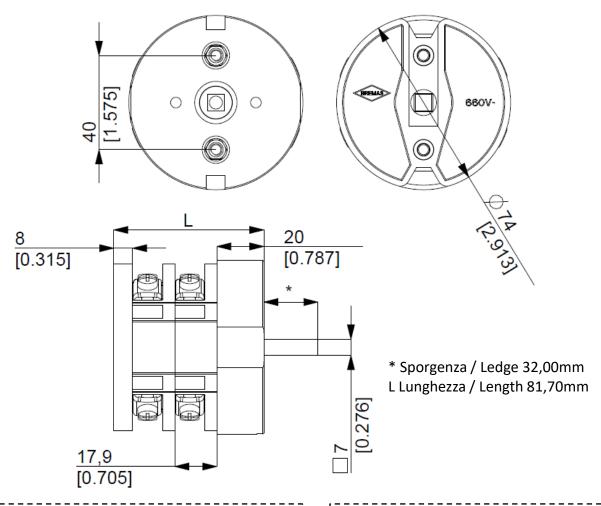
info@bremas.it

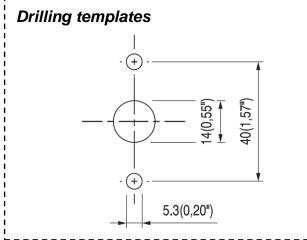
Cod. CA0500007PL3

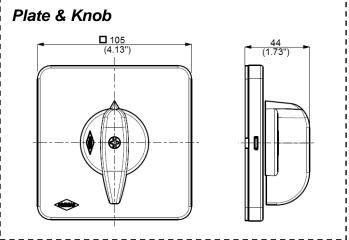
Dimensions

measures in mm (in)

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ISO 9001 Certified Quality System

Cod. CA0500007PL3

echnical data IEC 947-3 EN 60947-3				
ted insulation voltage		Ui	V	690
ted operating voltage		Ue	V	690
ted impulse withstand voltage		Uimp	kV	6
red thermal current for open switch		Ith	A	63
ted thermal current for enclosed switch		Ithe	A	63
ted operation frequency		itile	Hz	50/60
wer dissipation for each pole			W	1,5
ted operating current				
-21A Switching resistive loads, including moderate overloads		le	A	50
2-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	Α	40
C-20A Connecting and disconnecting under no loads conditions				-
ted operating power				
-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole		230V	Kw (A)	11 (35)
		400V	Kw (A)	22 (40)
		500V	Kw (A)	22 (32)
		690V	Kw (A)	20 (20)
-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		110V	Kw (A)	3 (36)
-23A SWILLINING OF MOLON TO OTHER HIGHLY MULLELVE TOAUS 1 priase - 2 pole				
		230V	Kw (A)	6,5 (36)
-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole		230V	Kw (A)	10 (35)
		400V	Kw (A)	17,5 (32)
		500V	Kw (A)	17,5 (27
		690V	Kw (A)	18,5 (21
-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole		110V	Kw (A)	2,6 (32)
		230V	Kw (A)	5,5 (30)
		400V	Kw (A)	-
-4 Squirrel cage motors: starting, pluggign, inching		230V	Kw (A)	3,2 (11)
		400V	Kw (A)	6 (11)
-15 Control of a.c electromagnetic loads		230V	А	-
·		400V	A	-
ted breaking capability in AC-23A (cos φ=0,45)		230V	A	330
		400V	A	330
ort circuit protection		4007		330
		leur		500
ted short time withstand current		lcw .	Α .	
ted short-circuit make capacity		Icm	А	2000
ted conditional short-circuit current		=	kA	10
ith fuses class gG		500V	A	50
ecnical data UL/CSA				
ted operating voltage		Ue	UL/CSA V	600/-
eneral use current		le	UL/CSA A	50/-
ort circuit rating @600Vac			Arms	5000
se size (Class RK5, 600Vac, 200kA A.I.C.)			A	60
ted operating power				
		1001		2 (2 4) (
shase - 2 pole		120V	Hp (A)	3 (34)/-
		240V	Hp (A)	7,5 (40)/
phase - 3 pole		200V	Hp (A)	10 (32,2),
		240V	Hp (A)	15 (42)/-
		480V	Hp (A)	20 (27)/-
		600V	Hp (A)	25 (27)/-
echanical characteristics				
		Max	mm	4
nel tickness				
nel tickness echanical life			Cycles x 10 ⁶	1,5
			Cycles x 10 ⁶ Cycles/hr	1,5
chanical life				
echanical life nnection according to IEC 9471-1 and EN 50947-1	With flevible wires		Cycles/hr	120
echanical life nnection according to IEC 9471-1 and EN 50947-1	With flexible wires	Min-Max	Cycles/hr	120 2x2,5-10
echanical life nnection according to IEC 9471-1 and EN 50947-1		Min-Max Min-Max	Cycles/hr mm² AWG	120 2x2,5-10 14-8
chanical life nnection according to IEC 9471-1 and EN 50947-1 nnecting capability	With flexible wires With solid wires	Min-Max	Cycles/hr mm² AWG mm²	2x2,5-10 14-8 2x2,5-16
chanical life nnection according to IEC 9471-1 and EN 50947-1 nnecting capability nnection terminal screw dimensions		Min-Max Min-Max	Cycles/hr mm² AWG mm² Type	120 2x2,5-10 14-8 2x2,5-16 M4
echanical life nnection according to IEC 9471-1 and EN 50947-1 nnecting capability nnection terminal screw dimensions		Min-Max Min-Max	Cycles/hr mm² AWG mm²	120 2x2,5-10 14-8 2x2,5-16
chanical life nnection according to IEC 9471-1 and EN 50947-1 nnecting capability nnection terminal screw dimensions ew tightening torque		Min-Max Min-Max	Cycles/hr mm² AWG mm² Type	120 2x2,5-10 14-8 2x2,5-16 M4
		Min-Max Min-Max	Cycles/hr mm² AWG mm² Type	120 2x2,5-10 14-8 2x2,5-16 M4
ennection according to IEC 9471-1 and EN 50947-1 nnecting capability nnection terminal screw dimensions ew tightening torque otection degree IEC 529 EN 60529 rminals		Min-Max Min-Max	mm² AWG mm² Type Nm	120 2x2,5-10 14-8 2x2,5-16 M4 1,7
chanical life Innection according to IEC 9471-1 and EN 50947-1 Innecting capability Innection terminal screw dimensions ew tightening torque Detection degree IEC 529 EN 60529 Irminals Insection conditions		Min-Max Min-Max	mm² AWG mm² Type Nm	120 2x2,5-10 14-8 2x2,5-16 M4 1,7
echanical life Innection according to IEC 9471-1 and EN 50947-1 Innecting capability Innection terminal screw dimensions Innection terminal screw dimensions Innection degree IEC 529 EN 60529 Innection degree IEC 529 EN 60529		Min-Max Min-Max	Cycles/hr mm² AWG mm² Type Nm	120 2x2,5-1(14-8 2x2,5-1(M4 1,7 00
chanical life Innection according to IEC 9471-1 and EN 50947-1 Innecting capability Innection terminal screw dimensions ew tightening torque Intection degree IEC 529 EN 60529 Iminals Intelligence of the conditions		Min-Max Min-Max	Cycles/hr mm² AWG mm² Type Nm	120 2x2,5-10 14-8 2x2,5-16 M4 1,7

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