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ISO 9001 Certified Quality System

Cod. CA05000G3LE3

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





(Image is purely indicative)

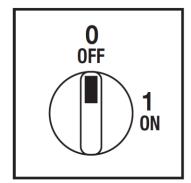
Technical characteristics: Body

- ON-OFF switch 3 pole with padlockable handle
- 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: 90°
- 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.

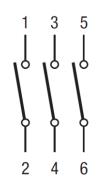
Technical characteristics: Knob

 Yellow plate 105x105mm and red padlockable knob (max 3 padlocks)

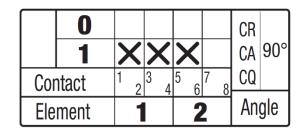
Positions



Electrical diagram



Electrical Function





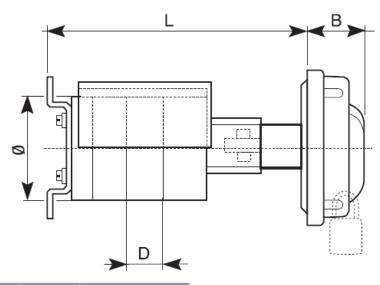
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measures in mm (in)

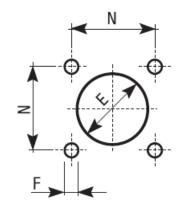
Dimensions

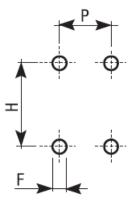


N° elementi		2	
CA 050 D = 18 Ø = 74	L (mm)	135 - 139	

	B (mm)
LE3-LN3	44
LE4-LN4	62

Drilling templates





Misure (mm)

cod.	N	Е	F	Н	Р
LE3/LN3	65÷85	40	5,3	84	26
LE4/LN4	94÷110	50	5,3	94÷110	94÷110



Bremas Ersce SpA
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echnical data IEC 947-3 EN 60947-3				
ated insulation voltage		Ui	V	690
ated operating voltage		Ue	V	690
ted impulse withstand voltage		Uimp	kV	6
ted thermal current for open switch		Ith	A	63
ted thermal current for enclosed switch		Ithe	Α Α	63
ted operation frequency		itile	Hz	50/60
over dissipation for each pole			W	1,5
ated operating current				
C-21A Switching resistive loads, including moderate overloads		le	Α	50
C-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	Α	40
C-20A Connecting and disconnecting under no loads conditions				-
ated operating power				
C-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)
C 224 Cruitabing of materiands or ather highly industrial lands 1 phase 2 pale		110V		
C-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole			Kw (A)	3 (36)
		230V	Kw (A)	6,5 (36)
C-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
C-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)	-
C-4 Squirrel cage motors: starting, pluggign, inching		230V	Kw (A)	3,2 (11)
		400V	Kw (A)	6 (11)
C-15 Control of a.c electromagnetic loads		230V	A	-
		400V	A	
sted breaking capability in AC-23A (cos φ=0,45)		230V	Α Α	330
sted Dreaking Capability III AC-25A (COS φ-0,4-3)				
		400V	A	330
nort circuit protection				
ated short time withstand current		lcw	A	500
ated short-circuit make capacity		Icm	A	2000
ated conditional short-circuit current		=	kA	10
7ith fuses class gG		500V	Α	50
necnical data UL/CSA				
ated operating voltage		Ue	UL/CSA V	600/-
eneral use current		le	UL/CSA A	50/-
nort circuit rating @600Vac			Arms	5000
ise size (Class RK5, 600Vac, 200kA A.I.C.)			A	60
			A	- 00
ated operating power				
phase - 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				
anel tickness		Max	mm	4
and detailed		IVIOA		
		· · · · · · · · · · · · · · · · · · ·	Cycles x 10 ⁶	1,5
echanical life		·····	Cycles x 10 ⁶ Cycles/hr	1,5 120
echanical life				
echanical life onnection according to IEC 9471-1 and EN 50947-1	With flavibla wires		Cycles/hr	120
echanical life onnection according to IEC 9471-1 and EN 50947-1	With flexible wires	Min-Max	Cycles/hr mm²	120 2x2,5-10
echanical life onnection according to IEC 9471-1 and EN 50947-1		Min-Max Min-Max	Cycles/hr mm² AWG	120 2x2,5-10 14-8
echanical 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	120 2x2,5-10 14-8 2x2,5-16
echanical life nunection according to IEC 9471-1 and EN 50947-1 nunecting capability nunection 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 nonnection according to IEC 9471-1 and EN 50947-1 nonnecting capability nonnection terminal screw dimensions		Min-Max Min-Max	Cycles/hr mm² AWG mm²	120 2x2,5-10 14-8 2x2,5-16
		Min-Max Min-Max	Cycles/hr mm² AWG mm² Type	120 2x2,5-10 14-8 2x2,5-16 M4
echanical life onnection according to IEC 9471-1 and EN 50947-1 onnecting capability onnection terminal screw dimensions rew tightening torque otection degree IEC 529 EN 60529		Min-Max Min-Max	Cycles/hr mm² AWG mm² Type	120 2x2,5-10 14-8 2x2,5-16 M4
echanical life onnection according to IEC 9471-1 and EN 50947-1 onnecting capability onnection terminal screw dimensions rew tightening torque		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 rew tightening torque otection degree IEC 529 EN 60529 rminals nbient 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 rew tightening torque otection degree IEC 529 EN 60529 Irminals Inheint conditions Derating ambient temperature		Min-Max Min-Max	Cycles/hr mm² AWG mm² Type Nm	120 2x2,5-1(14-8 2x2,5-1(M4 1,7
echanical life Innection according to IEC 9471-1 and EN 50947-1 Innecting capability Innection terminal screw dimensions rew tightening torque otection degree IEC 529 EN 60529 rminals		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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