

 Bremas Ersce SpA

 Via castellazzo 9 - 20040 Cambiago (MI)

 Tel +39 02 95651611

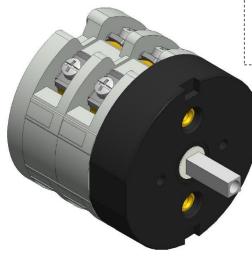
 Fax +39 02 95651639

 www.bremas.eu

 info@bremas.it

ISO 9001 Certified Quality System

Cod. CA05000G43L3



(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

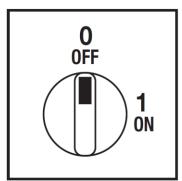
Technical characteristics: Body

- ON-OFF switch 4 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.

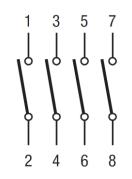
Technical characteristics: Knob

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

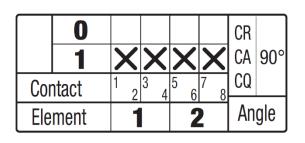
Positions



Electrical diagram



Electrical Function



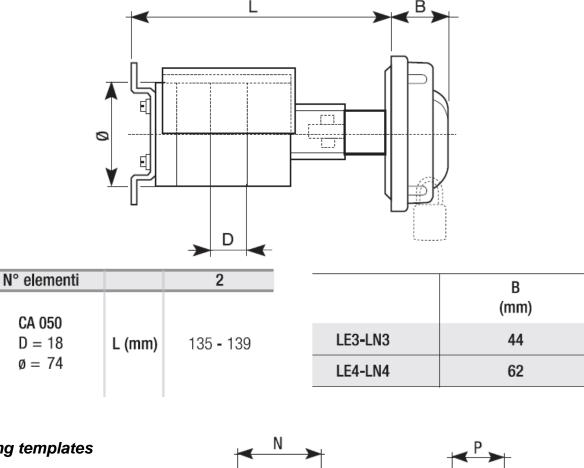
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Dimensions

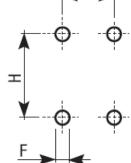
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measures in mm (in)



Drilling templates

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Misure (mm)

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

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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		lth	А	63
ated thermal current for enclosed switch		Ithe	А	63
ated operation frequency			Hz	50/60
ower dissipation for each pole			W	1,5
lated operating current			**	1,5
		1-	•	50
C-21A Switching resistive loads, including moderate overloads		le	А	50
C-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	A	40
C-20A Connecting and disconnecting under no loads conditions				-
lated 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-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		110V	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 (32)
		690V	Kw (A)	18,5 (21)
C-3 Souireal case motors: starting, switching off motors during running 1 phase - 3 pole		110V		
C-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole		230V	Kw (A)	2,6 (32)
			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	А	-
		400V	A	-
tated breaking capability in AC-23A (cos φ=0,45)		230V	А	330
		400V	А	330
hort circuit protection				
lated short time withstand current		lcw	A	500
lated short-circuit make capacity		lcm	А	2000
ated conditional short-circuit current		-	kA	10
Vith fuses class gG		500V	А	50
hecnical data UL/CSA				
lated operating voltage		Ue	UL/CSA V	600/-
Seneral use current		le	UL/CSA A	50/-
hort circuit rating @600Vac			Arms	5000
use size (Class RK5, 600Vac, 200kA A.I.C.)			А	60
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)/-
Aechanical characteristics		0001	(1) (1)	23 (27)]-
		Max	mm	4
anel tickness		IVIdX	mm	
Aechanical life			Cycles x 10 ⁶	1,5
			Cycles/hr	120
onnection according to IEC 9471-1 and EN 50947-1				
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
onnection terminal screw dimensions			Туре	M4
crew tightening torque			Nm	1,7
rotection degree IEC 529 EN 60529				
erminals			IP	00
mbient conditions				
perating ambient temperature			°C	-25 ÷ +55
			°C	-25 ÷ +5
torage ambient temprature			L	-30 ÷ +70 2-78
				2-78
/ithstand to constant humid according to IEC 60068 /ithstand to cyclic humid according to IEC 60068				2-30

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