

Via castellazzo 9 - 20040 Cambiago (MI)

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ISO 9001 Certified Quality System

Cod. CR02500G3RL6



(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



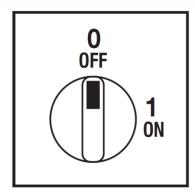
Technical characteristics: Body

- ON-OFF switch 3 pole with padlockable handle
- IP20 Protection degree
- Rated operational current le: 25A (AC-21A)
- · Rated thermal current Ith: 32A
- · Rated insulation voltage Ui: 690V
- · Rear mounting
- Fixing with 2 screw at 28mm 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.

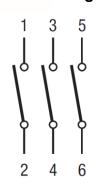
Technical characteristics: Knob

- Yellow plate 67x67mm and red padlockable knob (max. 3 padlocks)
- IP66 Protection degree
- · Fixing with 2 screw at 28mm vertical

Positions



Electrical diagram



Electrical function

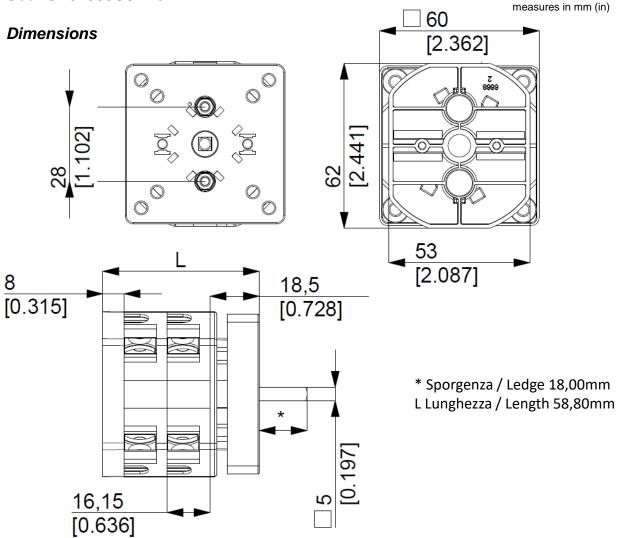
		0	X	X	×		CR CA	90°	
İ	Cor	ntact	1 2	3 4	5 6	7 8	CQ		
l	Element		1	1		2		Angle	



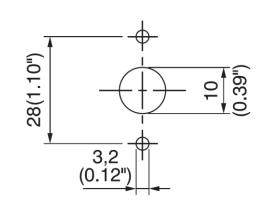
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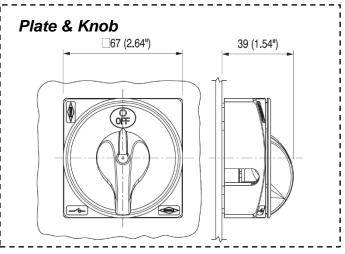
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Fechnical data IEC 947-3 EN 60947-3				
				500
tated insulation voltage		Ui	V	690
lated operating voltage		Ue	V	690
ated impulse withstand voltage		Uimp	kV	6
ated thermal current for open switch		Ith	A	32
ated thermal current for enclosed switch		Ithe	Α	32
ated operation frequency			Hz	50/60
ower dissipation for each pole			W	1
ated operating current				
C-21A Switching resistive loads, including moderate overloads		le	A	25
C-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	A	20
C-20A Connecting and disconnecting under no loads conditions			**	-
ated operating power				-
		2001		== (0.1)
C-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)
C-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)
C-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	A	8
· · · · · · · · · · · · · · · ·		400V	A	6
And have bless and a little of a Cook from the African Cook from t				
ated breaking capability in AC-23A (cos φ=0,45)		230V	Α	192
		400V	A	160
nort circuit protection				
ated short time withstand current		Icw	Α	400
ated short-circuit make capacity		Icm	Α	2000
ated conditional short-circuit current		-	kA	10
ith fuses class gG		500V	Α	35
echnical data UL/CSA				
		Ue	UL/CSA V	600/600
ated operating voltage				
eneral use current		le	UL/CSA A	25/25
nort circuit rating @600Vac			Arms	5000
use size (Class RK5, 600Vac, 200kA A.I.C.)			Α	60
ated operating power				
phase - 2 pole		120V	Hp (A)	2 (24)/-
,		240V	Hp (A)	3 (17)/6
nhasa - 3 nola		200V		5 (17,5)/-
phase - 3 pole			Hp (A)	
		240V	Hp (A)	7,5 (22)/-
		480V	Hp (A)	10 (14)/-
		600V	Hp (A)	10 (11)/15
echanical characteristics				
anel thickness		Max	mm	4
echanical 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
minecung capacines	WIGH HEAIDIE WILES			
		Min-Max	AWG	14-8
	With solid wires	Min-Max	mm²	2x2,5-16
onnection terminal screw dimensions			Туре	M4
rew tightening torque			Nm	1,7
rotection degree IEC 529 EN 60529				
erminals			IP	20
mbient conditions				
perating ambient temperature			°C	-25 ÷ +55
orage ambient temprature			°C	-30 ÷ +70
ithstand to constant humid according to IEC 60068				2-78
tristand to constant numb according to the occord				