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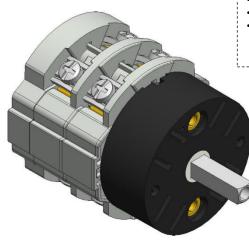
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ISO 9001 Certified Quality System

Cod. CA02500G3RL6



(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

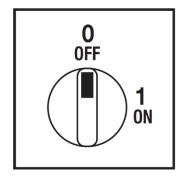


- · ON-OFF switch 3 pole with padlockable handle
- IP00 Protection degree
- Rated operational current le: 25A (AC-21A)
- Rated thermal current Ith: 32A
- Rated insulation voltage Ui: 690V
- · Base mounting
- Fixing with 2 screw at 28mm vertical
- Switching angle: 90°
- Class V2 self-extinguishing thermoplastic housing
- Assembled with metal shaft and threaded stud bolts to ensure maximum operating reliability
- Positive opening double break contacts, silver alloy made.

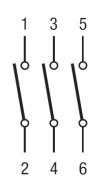
Technical characteristics: Knob

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

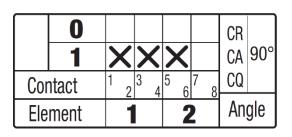
Positions



Electrical diagram



Electrical function



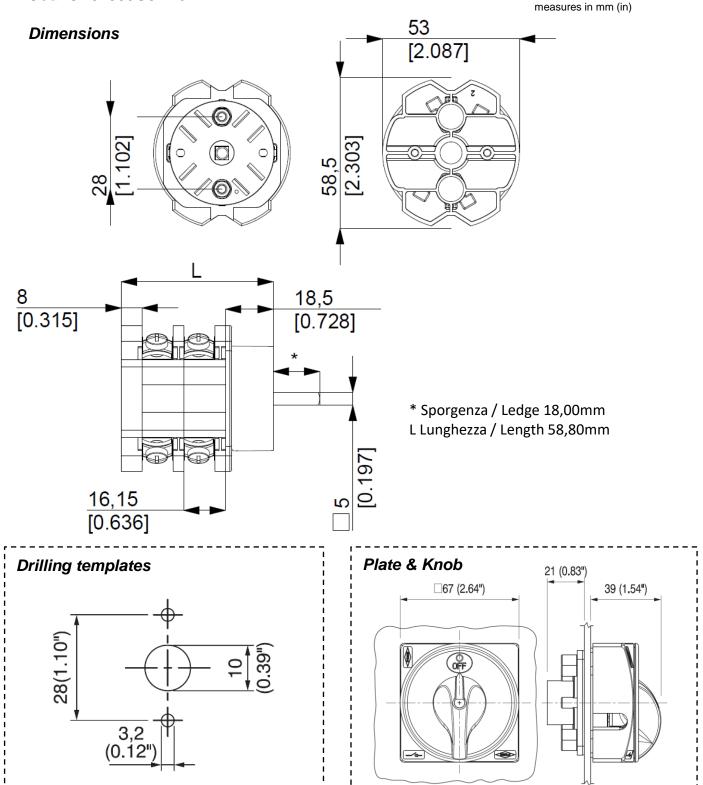
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Technical data IEC 947-3 EN 60947-3				
Rated insulation voltage		Ui	V	690
lated operating voltage		Ue	V	690
ated impulse withstand voltage		Uimp	kV	6
ated thermal current for open switch		Ith	А	32
tated thermal current for enclosed switch		Ithe	А	32
lated operation frequency			Hz	50/60
Power dissipation for each pole			W	1
Rated operating current				
AC-21A Switching resistive loads, including moderate overloads		le	A	25
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	A	20
AC-20A Connecting and disconnecting under no loads conditions				-
Rated operating power		2201/	14 (A)	75(24)
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole		230V 400V	Kw (A)	7,5 (24)
			Kw (A) Kw (A)	11 (20)
		690V	Kw (A)	11 (13)
C-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		110V	Kw (A)	2,2 (25)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole		230V	Kw (A)	3,7 (20)
		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)	-
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	A	8
		400V	A	6
Rated breaking capability in AC-23A (cos φ=0,45)		230V	A	192
		400V	A	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
Nith fuses class gG		500V	A	35
Technical data UL/CSA				
Rated operating voltage		Ue	UL/CSA V	600/600
General use current		le	UL/CSA A	25/25
Short circuit rating @600Vac			Arms	5000
use 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
3 phase - 3 pole		200V	Hp (A)	5 (17,5)/-
		240V	Hp (A)	7,5 (22)/-
		480V	Hp (A)	10 (14)/-
Aechanical characteristics		600V	Hp (A)	10 (11)/15
anel tickness		May	mm	4
		Max	mm	
Aechanical life		-	Cycles x 10° Cycles/hr	1,5 120
Connection according to IEC 9471-1 and EN 50947-1			Cycles/III	120
Connection according to lec 9471-1 and EN 30947-1	With flexible wires	Min-Max	mm²	2x2,5-10
Sourcesting expansions	WITH TEXIDIE WITES	Min-Max	AWG	14-8
	With solid wires	Min-Max	mm ²	2x2,5-16
	With Solid Wiles	ITTIT-IVIAA	Туре	2x2,3=10 M4
onnection terminal screw dimensions				1,7
			Nm	
crew tightening torque			Nm	,
crew tightening torque Protection degree IEC 529 EN 60529				
crew tightening torque Irotection degree IEC 529 EN 60529 Terminals			IP	00
icrew tightening torque Protection degree IEC 529 EN 60529 Terminals Ambient conditions			IP	00
Connection terminal screw dimensions Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Ambient conditions Diperating ambient temperature Storage ambient temporature			IP °C	00 -25 ÷ +55
crew tightening torque rrotection degree IEC 529 EN 60529 erminals umbient conditions			IP	00

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