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ISO 9001 Certified Quality System

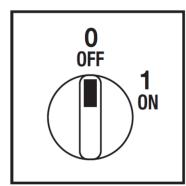
# Cod. CR0320004RT6



(Image is purely indicative)

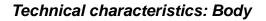


Positions



## 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

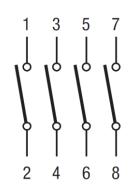


- ON-OFF switch 4 pole
- IP20 Protection degree
- Rated operational current le: 32A (AC-21A)
- Rated thermal current Ith: 40A
- Rated insulation voltage Ui: 690V
- Rear mounting
- Fixing with: 2 screw at 28mm vertical
  - 2 screw at 32mm horizontal
- Switching angle: 60°
- Class V2 self-extinguishing thermoplastic housing
- Assembled with metal shaft and threaded stud bolts to ensure maximum operating reliability
- Positive opening double break contacts, silver alloy made.

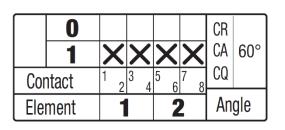
## Technical characteristics: Knob

- Grey plate 67x67mm and black knob
- IP66 Protection degree
- Fixing:- 2 screw at 28mm vertical
   2 screw at 32mm horizontal

#### Electrical diagram



# **Electrical function**



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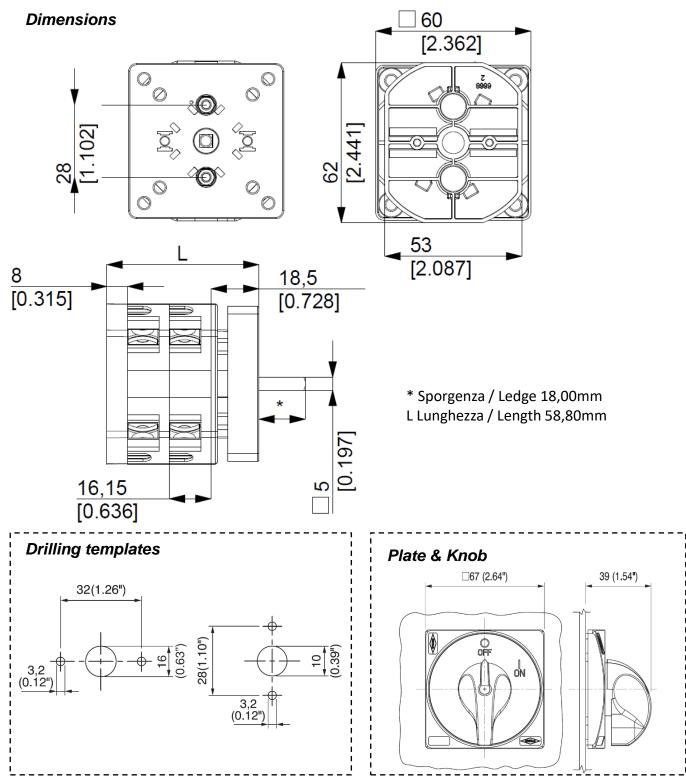
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measures in mm (in)



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Technical data IEC 947-3 EN 60947-3				
Rated insulation voltage		Ui	V	690
Rated operating voltage		Ue	V	690
Rated impulse withstand voltage		Uimp	kV	6
Rated thermal current for open switch		Ith	А	40
Rated thermal current for enclosed switch		Ithe	А	40
Rated 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	32
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	А	25
AC-20A Connecting and disconnecting under no loads conditions				-
Rated operating power				
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole		230V	Kw (A)	8,5 (27)
		400V	Kw (A)	15 (27)
		500V	Kw (A)	15 (22)
		690V	Kw (A)	15 (16)
AC-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)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole		230V	Kw (A)	5,5 (17)
,		400V	Kw (A)	10 (17)
		500V	Kw (A)	10 (17)
		690V	Kw (A)	10 (14)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole		110V	Kw (A)	1,5 (17)
to a square, ease motors, starting, switching on motors during running 1 phase - 2 pole		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 calestromographic loads		230V	A KW (A)	8
AC-15 Control of a.c electromagnetic loads		400V	A A	6
Dated broaking capability in AC 22A (cos (n=0.4E)		230V	A	216
Rated breaking capability in AC-23A (cos φ=0,45)		400V	A	216
Short circuit protection		4007	A	210
Rated short time withstand current		lcw	A	400
Rated short-circuit make capacity		lcm	A	2000
Rated short-circuit make capacity Rated conditional short-circuit current		-	kA	10
		- 500V	A	35
With fuses class gG		5000	A	35
Technical data UL/CSA		lle		600/600
Rated operating voltage		Ue	UL/CSA V UL/CSA A	600/600
General use current		le		35/25
Short circuit rating @600Vac			Arms	5000
Fuse size (Class RK5, 600Vac, 200kA A.I.C.)			A	60
Rated operating power		120V	Un (A)	2 (24)
Lphase - 2 pole			Hp (A)	2 (24)
		240V	Hp (A)	3 (17)
3 phase - 3 pole		200V	Hp (A)	5 (17,5)
		240V	Hp (A)	7,5 (22)
		480V	Hp (A)	10 (14)
		600V	Hp (A)	15 (17)
Mechanical characteristics				
Panel tickness		Max	mm	4
Mechanical life		-	Cycles x 10°	1,5
			Cycles/hr	120
Connection according to IEC 9471-1 and EN 50947-1			2	
Connecting capability	With flexible wires	Min-Max	mm²	2x2,5-10
		Min-Max	AWG	14-8
	With solid wires	Min-Max	mm²	2x2,5-16
Connection terminal screw dimensions			Туре	M4
Screw tightening torque			Nm	1,7
Protection degree IEC 529 EN 60529				
Ferminals			IP	20
Ambient conditions			°C	-25 ÷ +55
Operating ambient temperature				
Operating ambient temperature Storage ambient temprature			°C	-30 ÷ +70
Operating ambient temperature				

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