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ISO 9001 Certified Quality System

Cod. CR0200011RT6



(purely indicative photo)



Standards and Approvals

- Switch according to IEC/EN 60947-3 certified by TUV
- Suitable as Manual Motor Controller
- UL60947-4-1A and CAN/CSA C22.2 No. 60947-4-1.

Technical characteristics: Body

- IP20 Protection degree
- Rated operational current In: 20A
- Rated thermal current Ith: 25A
- Rated insulation voltage Ui: 690V
- Rear Mounting
- Fixing: 2 screws at 28mm vertical
- Number of elements: 6
- Switching angle: 45°
- · 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: Plate and knob

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

Plate and positions

0 OFF

0

OFF

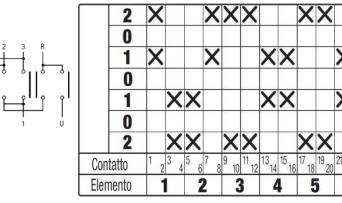
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OFF

2







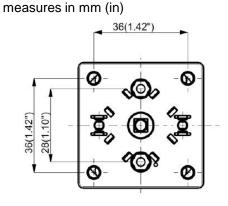
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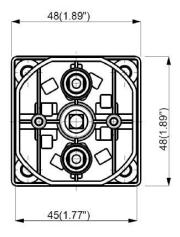


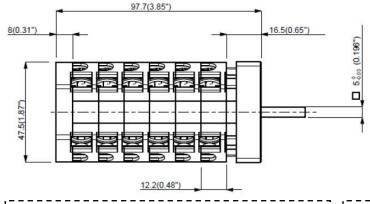
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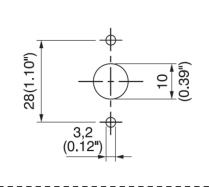
Dimensions

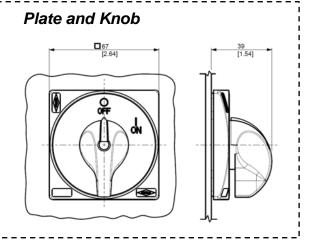






Drilling templates





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Technical data IEC 947-3 EN 60947-3 Rated insulation voltage Rated insulation voltage Rated operating voltage Rated inpulse withstand voltage Rated inpulse withstand voltage Rated operation frequency Rated operation frequency Power dissipation for each pole Rated operating current Ac-21A Switching resistive loads, including moderate overloads AC-22A Switching of motor loads or other highly inductive loads 3 phase - 3 pole AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		Ui Ue Uimp Ith Ithe Ithe Ie Ie	V V kV A Hz W A A	690 690 6 25 25 50/60 0,4 20
Rated operating voltage Rated impulse withstand voltage Rated impulse withstand voltage Rated operation frequency Rated operation frequency Power dissipation for each pole Rated operating current AC-21A Switching resistive loads, including moderate overloads AC-22A Switching of mixed resistive and inductive loads, including moderate overloads AC-22A 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		Ue Uimp Ith Ithe Ithe	V kV A A Hz W	690 6 25 25 50/60 0,4
Rated impulse withstand voltage Rated thermal current for open switch Rated operation frequency Rated operation frequency Power dissipation for each pole Rated operating current AC-21A Switching resistive loads, including moderate overloads AC-22A Switching of mixed resistive and inductive loads, including moderate overloads 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		Uimp Ith Ithe Ithe	kV A A Hz W A	6 25 25 50/60 0,4
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Rated operating power AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole				16
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole				-
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		230V	Kw (A)	5,5 (17)
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		400V	Kw (A)	9 (16)
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		500V	Kw (A)	9 (13)
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		690V	Kw (A)	9 (9)
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole	110V	Kw (A)	1,1 (5)	
	230V	Kw (A)	3 (17)	
	230V	Kw (A)	4 (13)	
	400V	Kw (A)	7,5 (14)	
	500V	Kw (A)	7,5 (11)	
		690V	Kw (A)	7,5 (8)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole	110V	Kw (A)	1,1 (13)	
	230V	Kw (A)	2,2 (12)	
	400V	Kw (A)	3,7 (12)	
AC-4 Squirrel cage motors: starting, pluggign, inching		230V	Kw (A)	1,5 (4,5)
	400V	Kw (A)	2,2 (2,6)	
AC-15 Control of a.c electromagnetic loads	230V	А	7	
		400V	A	5
Rated breaking capability in AC-23A (cos φ=0,45)		230V	А	136
		400V	Α	128
Short circuit protection				
Rated short time withstand current		lcw	A	240
Rated short-circuit make capacity		lcm	Α	1500
Rated conditional short-circuit current		-	kA	5
With fuses class gG		500V	A	20
Technical data UL/CSA				
Rated insulation voltage		Ui	UL/CSA V	600/300
Rated operating voltage		Ue	UL/CSA V	600/300
General use current		le	UL/CSA A	20/16
Short circuit rating @600Vac			Arms	5000
Fuse size (Class RK5, 600Vac, 200kA A.I.C.)			А	60
Rated operating power				
1 phase - 2 pole		120V	Hp (A)	1,5 (20)/-
		240V	Hp (A)	3 (17)/-
3 phase - 3 pole		200V	Hp (A)	5 (17,5)/-
	240V	Hp (A)	5 (15,2)/-	
		480V	Hp (A)	10 (14)/-
		600V	Hp (A)	10 (11)/-
Mechanical characteristics				
Mechanical life			Cicli x 10 ⁶	2
			Cicli/ora	120
Connection according to le IEC 9471-1 and EN 60947-1				
With flexible wires Wit	th flexible wires	Min-Max	mm²	2x1,5-4
_		Min-Max	AWG	16-10
	th solid wires	Min-Max	mm²	2x1,5-6
Connection terminal screw dimensions			Tipo	M3,5
Screw tightening torque			Nm	1
Protection degree IEC 529 EN 60529				
			IP	20
Terminals				
Terminals Ambient conditions				
Terminals Ambient conditions Operating ambient temperature			°C	-25 ÷ +55
Terminals Ambient conditions Operating ambient temperature Storage ambient temprature			°C °C	-30 ÷ +70
Terminals Ambient conditions Operating ambient temperature				

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