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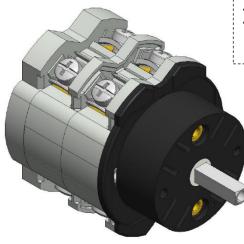
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ISO 9001 Certified Quality System

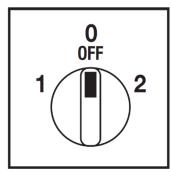
Cod. CA0250034PL2



(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

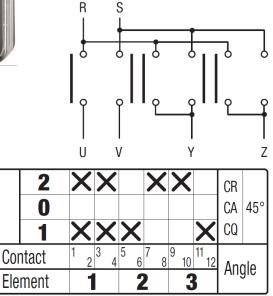


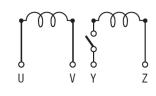
- Reversin switch single-phase motor + centrif.
- IP00 Protection degree
- Rated operational current le: 25A (AC-21A)
- · Rated thermal current Ith: 32A
- Rated insulation voltage Ui: 690V
- Rear mounting
- · Fixing with 2 screw at 28mm vertical
- Switching angle: 45°
- Class V2 self-extinguishing thermoplastic housing
- Assembled with metal shaft and threaded stud bolts to ensure maximum operating reliability
- Positive opening double break contacts, silver alloy made.

Technical characteristics: Knob

- Transparent plate 75,5x75,5mm and black knob
- Fixing with 2 screws at 28mm vertical
- IP 40 Protection degree

Electrical diagram and function





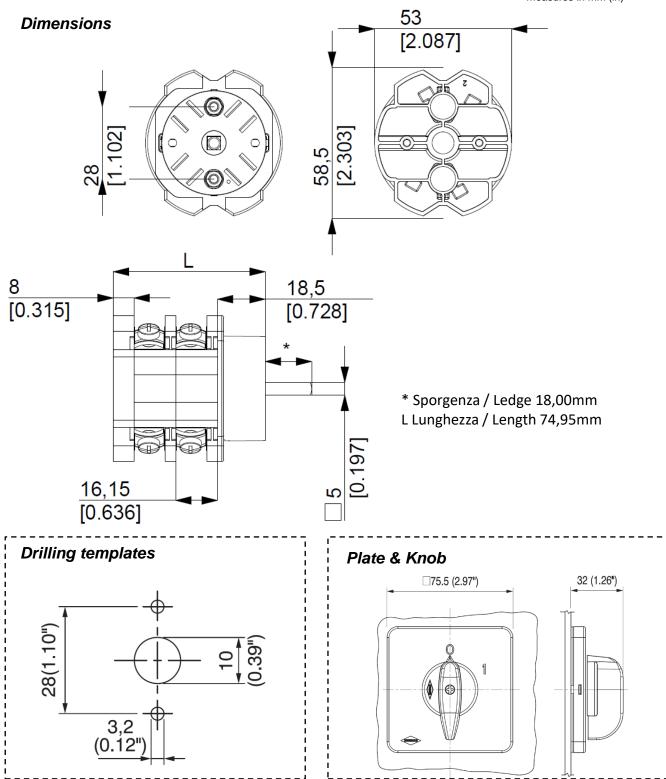
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measures in mm (in)



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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	32
Rated thermal current for enclosed switch		Ithe	А	32
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	А	25
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	А	20
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)	7,5 (24)
		400V	Kw (A)	11 (20)
		500V	Kw (A)	11 (15)
		690V	Kw (A)	11 (11)
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)	9,5 (16)	
		500V	Kw (A)	9,5 (12,5)
		690V	Kw (A)	8,5 (10)
AC-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	А	8
		400V	А	6
Rated breaking capability in AC-23A (cos φ=0,45)		230V	А	192
		400V	Α	160
Short circuit protection				
Rated short time withstand current		Icw	A	400
Rated short-circuit make capacity		Icm	Α	2000
Rated conditional short-circuit current		-	kA	10
With fuses class gG		500V	Α	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
Fuse size (Class RK5, 600Vac, 200kA A.I.C.)			Α	60
Rated operating power				
1 phase - 2 pole		120V	Hp (A)	2 (24)/-
		240V	Hp (A)	3 (17)/6
phase - 3 pole		200V	Hp (A)	5 (17,5)/-
		240V	Hp (A)	7,5 (22)/-
		480V	Hp (A)	10 (14)/-
		600V	Hp (A)	10 (11)/15
Mechanical characteristics				
		Max	mm	4
Panel tickness				4 1,5
Mechanical characteristics Panel tickness Mechanical life			mm	
Panel tickness Mechanical life			mm Cycles x 10 ⁶	1,5
Panel tickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1	With flexible wires		mm Cycles x 10 ⁶	1,5
Panel tickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1	With flexible wires	Max -	mm Cycles x 10 ⁶ Cycles/hr	1,5 120
Panel tickness Vechanical life Connection according to IEC 9471-1 and EN 50947-1	With flexible wires	Max 	mm Cycles x 10 ⁶ Cycles/hr mm ²	1,5 120 2x2,5-10
Panel tickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability		Max - - - - - - - - - - - - - - - - - - -	mm Cycles x 10 ⁶ Cycles/hr mm ² AWG	1,5 120 2x2,5-10 14-8
Panel tickness Vechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions		Max - - - - - - - - - - - - - - - - - - -	mm Cycles x 10 ⁶ Cycles/hr mm ² AWG mm ²	1,5 120 2x2,5-10 14-8 2x2,5-16
Panel tickness Vechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque		Max - - - - - - - - - - - - - - - - - - -	mm Cycles x 10 ⁶ Cycles/hr mm ² AWG mm ² Type	1,5 120 2x2,5-10 14-8 2x2,5-16 M4
Panel tickness Vechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque Protection degree IEC 529 EN 60529		Max - - - - - - - - - - - - - - - - - - -	mm Cycles x 10 ⁶ Cycles/hr mm ² AWG mm ² Type	1,5 120 2x2,5-10 14-8 2x2,5-16 M4
Panel tickness Vechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque Protection degree IEC 529 EN 60529 Ferminals		Max - - - - - - - - - - - - - - - - - - -	mm Cycles x 10 ⁶ Cycles/hr mm ² AWG mm ² Type Nm	1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,7
Panel tickness Vechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque Protection degree IEC 529 EN 60529 Ferminals Ambient conditions		Max - - - - - - - - - - - - - - - - - - -	mm Cycles x 10 ⁶ Cycles/hr mm ² AWG mm ² Type Nm	1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,7
Panel tickness		Max - - - - - - - - - - - - - - - - - - -	mm Cycles x 10 ⁶ Cycles/hr mm ² AWG mm ² Type Nm IP	1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,7 00
Panel tickness Vechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Connection terminal screw dimensions Connection degree IEC 529 EN 60529 Terminals Ambient conditions Deperating ambient temperature		Max - - - - - - - - - - - - - - - - - - -	mm Cycles x 10 ⁶ Cycles/hr mm ² AWG mm ² Type Nm IP IP	1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,7 00 -25 ÷ +55

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