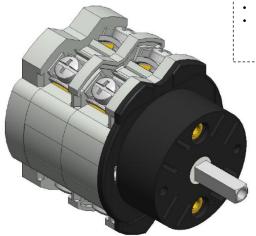


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ISO 9001 Certified Quality System

Cod. CA0250039PL2



(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



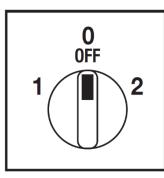
Technical characteristics: Body

- Change-over switch 4 pole
- 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: 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.

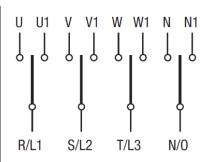
Technical characteristics: Knob

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

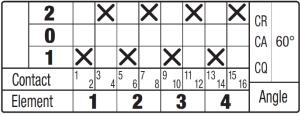
Positions



Electrical diagram



Electrical function

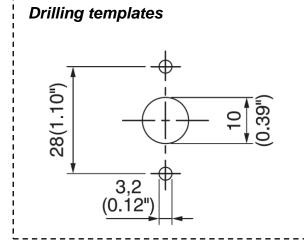




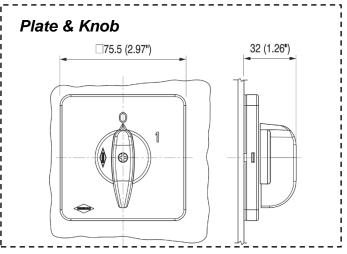
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Cod. CA0250039PL2 measures in mm (in) 53 **Dimensions** [2.087] 8 [0.315] 18,5 [0.728] * Sporgenza / Ledge 18,00mm L Lunghezza / Length 91,10mm 16,15



[0.636]



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Cod. CA0250039PL2

Fechnical 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	Α	32
lated 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				
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)
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)
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 AC-15 Control of a.c electromagnetic loads		230V	Kw (A)	2,2 (17)
		400V	Kw (A)	3 (5,5)
		230V	A	8
		400V	A	6
Rated breaking capability in AC-23A (cos φ=0,45)		230V	A	192
acca breaking capability in the 25th (665 \$\pi\$ 6) (5)		400V	Α Α	160
hort circuit protection		4001		100
ated short time withstand current		Icw	A	400
			A	2000
ated short-circuit make capacity		Icm	kA	10
ated conditional short-circuit current		-		
Vith fuses class gG		500V	A	35
echnical data UL/CSA				
ated operating voltage		Ue	UL/CSA V	600/600
eneral use current		le	UL/CSA A	25/25
hort circuit rating @600Vac			Arms	5000
use size (Class RK5, 600Vac, 200kA A.I.C.)			A	60
ated 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)/-
		600V	Hp (A)	10 (11)/1
echanical characteristics			***************************************	(// 1.
		Max	mm	4
anel tickness		IVIUA		
			Cycles v 106	1 5
			Cycles x 10 ⁶	1,5
echanical life			Cycles x 10 ⁶ Cycles/hr	1,5 120
echanical life onnection according to IEC 9471-1 and EN 50947-1	Wish South Land	Min Adam	Cycles/hr	120
echanical life onnection according to IEC 9471-1 and EN 50947-1	With flexible wires	Min-Max	Cycles/hr mm²	120 2x2,5-10
echanical life onnection according to IEC 9471-1 and EN 50947-1	-	Min-Max	Cycles/hr mm² AWG	120 2x2,5-10 14-8
echanical life Dennection according to IEC 9471-1 and EN 50947-1 Dennecting capability	With flexible wires With solid wires		Cycles/hr mm² AWG mm²	2x2,5-10 14-8 2x2,5-16
echanical life Dennection according to IEC 9471-1 and EN 50947-1 Dennecting capability	-	Min-Max	Cycles/hr mm² AWG	120 2x2,5-10 14-8
anel tickness lechanical life connection according to IEC 9471-1 and EN 50947-1 connecting capability connection terminal screw dimensions crew tightening torque	-	Min-Max	Cycles/hr mm² AWG mm²	2x2,5-10 14-8 2x2,5-16
Dechanical life Dennection according to IEC 9471-1 and EN 50947-1 Dennecting capability Dennection terminal screw dimensions	-	Min-Max	Cycles/hr mm² AWG mm² Type	120 2x2,5-10 14-8 2x2,5-16 M4
nonnection according to IEC 9471-1 and EN 50947-1 onnecting capability onnection terminal screw dimensions crew tightening torque rotection degree IEC 529 EN 60529	-	Min-Max	Cycles/hr mm² AWG mm² Type	120 2x2,5-10 14-8 2x2,5-16 M4
Dechanical life Dennection according to IEC 9471-1 and EN 50947-1 Dennecting capability Dennection terminal screw dimensions	-	Min-Max	Cycles/hr mm² AWG mm² Type Nm	120 2x2,5-10 14-8 2x2,5-16 M4 1,7
ponnection according to IEC 9471-1 and EN 50947-1 connecting capability connection terminal screw dimensions crew tightening torque cotection degree IEC 529 EN 60529 cerminals cerminals cerminals cerminals cerminals cerminals cerminals	-	Min-Max	Cycles/hr mm² AWG mm² Type Nm	120 2x2,5-10 14-8 2x2,5-16 M4 1,7
ponnection according to IEC 9471-1 and EN 50947-1 connecting capability connection terminal screw dimensions crew tightening torque crotection degree IEC 529 EN 60529 cerminals	-	Min-Max	Cycles/hr mm² AWG mm² Type Nm	120 2x2,5-10 14-8 2x2,5-16 M4 1,7 00
ponnection according to IEC 9471-1 and EN 50947-1 connecting capability connection terminal screw dimensions crew tightening torque cotection degree IEC 529 EN 60529 cerminals cerminals cerminals cerminals cerminals cerminals cerminals	-	Min-Max	Cycles/hr mm² AWG mm² Type Nm	120 2x2,5-10 14-8 2x2,5-16 M4 1,7