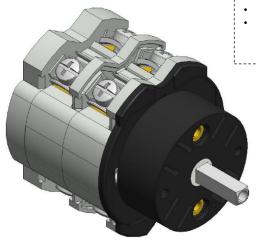


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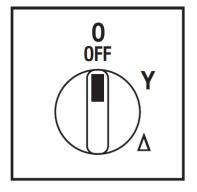
## Cod. CA0250010PL2



(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



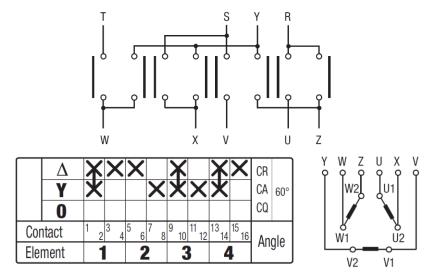
## Technical characteristics: Body

- STAR-DELTA Starter
- IP00 Protection degree
- Rated operational current le: 25A
- 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

# Electrical diagram and function





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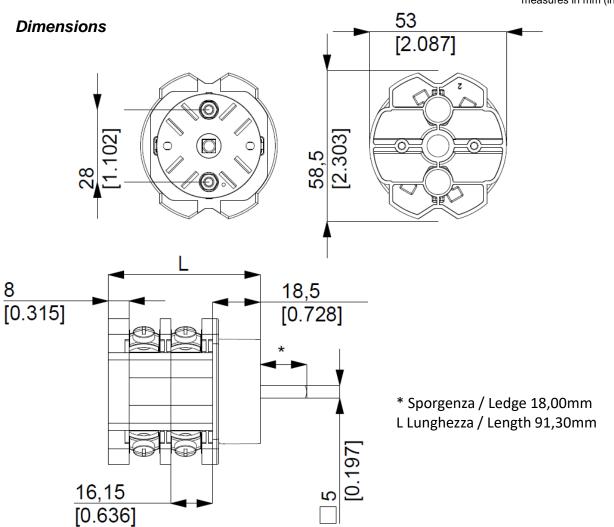
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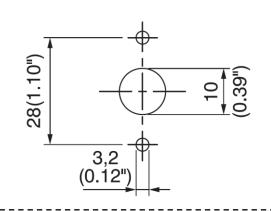
# Cod. CA0250010PL2

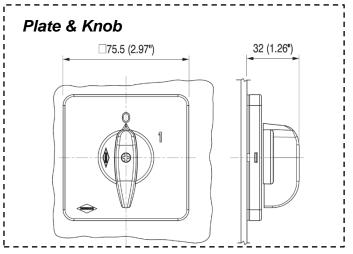
measures in mm (in)

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# Drilling templates





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## Cod. CA0250010PL2

echnical data IEC 947-3 EN 60947-3				
ated insulation voltage		Ui	٧	690
ated operating voltage		Ue	V	690
ated impulse withstand voltage		Uimp	kV	6
ated thermal current for open switch		Ith	Α	32
ated 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)	-
C-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
ated breaking capability in AC-23A (cos φ=0,45)		230V	A	192
accurate distribution in the 25th (cos \( \psi \)-0,457		400V	A A	160
haut signife mustastian		4000	A	100
hort circuit protection		1	•	400
ated short time withstand current		lcw	Α	400
ated short-circuit make capacity		Icm	A	2000
ated conditional short-circuit current		-	kA	10
/ith fuses class gG		500V	A	35
echnical data UL/CSA			<u> </u>	
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.)			Α	60
ated operating power				
phase - 2 pole		120V	Hp (A)	2 (24)/-
phase - 2 pole		-	Hp (A)	2 (24)/-
phase - 2 pole phase - 3 pole		120V 240V 200V	Hp (A)	2 (24)/- 3 (17)/6
		240V 200V	Hp (A) Hp (A)	2 (24)/- 3 (17)/6 5 (17,5)/-
		240V 200V 240V	Hp (A) Hp (A) Hp (A)	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/-
		240V 200V 240V 480V	Hp (A) Hp (A) Hp (A) Hp (A)	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/- 10 (14)/-
phase - 3 pole		240V 200V 240V	Hp (A) Hp (A) Hp (A)	2 (24)/-
phase - 3 pole  lechanical characteristics		240V 200V 240V 480V 600V	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A)	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/- 10 (14)/- 10 (11)/19
phase - 3 pole  lechanical characteristics anel tickness		240V 200V 240V 480V	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A)	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/- 10 (14)/- 10 (11)/1
phase - 3 pole  lechanical characteristics anel tickness		240V 200V 240V 480V 600V	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A)  mm Cycles x 10 <sup>6</sup>	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/- 10 (14)/- 10 (11)/1 4 1,5
phase - 3 pole  lechanical characteristics  anel tickness lechanical life		240V 200V 240V 480V 600V	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A)	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/- 10 (14)/- 10 (11)/1
phase - 3 pole  sechanical characteristics unel tickness echanical life onnection according to IEC 9471-1 and EN 50947-1		240V 200V 240V 480V 600V	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Cycles x 10 <sup>6</sup> Cycles/hr	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/- 10 (14)/- 10 (11)/1 4 1,5 120
phase - 3 pole  lechanical characteristics anel tickness lechanical life  connection according to IEC 9471-1 and EN 50947-1	With flexible wires	240V 200V 240V 480V 600V Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Cycles x 10 <sup>6</sup> Cycles/hr	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/- 10 (14)/- 10 (11)/1 4 1,5 120
phase - 3 pole  sechanical characteristics unel tickness echanical life onnection according to IEC 9471-1 and EN 50947-1	With flexible wires	240V 200V 240V 480V 600V	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Cycles x 10 <sup>6</sup> Cycles/hr	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/- 10 (14)/- 10 (11)/1 4 1,5 120
phase - 3 pole  sechanical characteristics unel tickness echanical life onnection according to IEC 9471-1 and EN 50947-1	With flexible wires With solid wires	240V 200V 240V 480V 600V Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Cycles x 10 <sup>6</sup> Cycles/hr	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/- 10 (14)/- 10 (11)/1! 4 1,5 120
phase - 3 pole  iechanical characteristics  anel tickness echanical life  connection according to IEC 9471-1 and EN 50947-1 connecting capability		240V 200V 240V 480V 600V Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A)  Mm  Cycles x 10 <sup>6</sup> Cycles/hr  Mm <sup>2</sup> AWG	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/- 10 (14)/- 10 (11)/1 4 1,5 120 2x2,5-10
phase - 3 pole  lechanical characteristics anel tickness lechanical life  connection according to IEC 9471-1 and EN 50947-1 connecting capability  connection terminal screw dimensions		240V 200V 240V 480V 600V Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A)  Mm Cycles x 10 <sup>6</sup> Cycles/hr  mm <sup>2</sup> AWG mm <sup>2</sup>	2 (24)/- 3 (17)/6 5 (17,5)/ 7,5 (22)/ 10 (14)/- 10 (11)/1 4 1,5 120  2x2,5-10 14-8 2x2,5-16
phase - 3 pole  Iechanical characteristics anel tickness Iechanical life  connection according to IEC 9471-1 and EN 50947-1 connecting capability  connection terminal screw dimensions crew tightening torque		240V 200V 240V 480V 600V Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A)  Mm Cycles x 10 <sup>6</sup> Cycles/hr  mm² AWG mm² Type	2 (24)/- 3 (17)/6 5 (17,5)/ 7,5 (22)/ 10 (14)/- 10 (11)/1  4 1,5 120  2x2,5-10 14-8 2x2,5-16 M4
phase - 3 pole  Iechanical characteristics anel tickness Iechanical life  onnection according to IEC 9471-1 and EN 50947-1  onnecting capability  onnecting terminal screw dimensions crew tightening torque rotection degree IEC 529 EN 60529		240V 200V 240V 480V 600V Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A)  mm Cycles x 10 <sup>6</sup> Cycles/hr  mm² AWG mm² Type Nm	2 (24)/- 3 (17)/6 5 (17,5)/ 7,5 (22)/- 10 (14)/- 10 (11)/1  4 1,5 120  2x2,5-10 14-8 2x2,5-16 M4 1,7
phase - 3 pole  Ilechanical characteristics anel tickness Ilechanical life  Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical life Ilechanical characteristics Ilechanical life Ilechanical characteristics Ilechanical life Ileanical		240V 200V 240V 480V 600V Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A)  Mm Cycles x 10 <sup>6</sup> Cycles/hr  mm² AWG mm² Type	2 (24)/- 3 (17)/6 5 (17,5)/ 7,5 (22)/ 10 (14)/- 10 (11)/1  4 1,5 120  2x2,5-10 14-8 2x2,5-16 M4
phase - 3 pole    International characteristics		240V 200V 240V 480V 600V Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A)  mm  Cycles x 10 <sup>6</sup> Cycles/hr  mm² AWG mm² Type Nm	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/- 10 (14)/- 10 (11)/1: 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,7
phase - 3 pole    International characteristics		240V 200V 240V 480V 600V Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A)  mm Cycles x 10 <sup>6</sup> Cycles/hr  mm² AWG mm² Type Nm	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/- 10 (14)/- 10 (11)/1  4 1,5 120  2x2,5-10 14-8 2x2,5-16 M4 1,7
phase - 3 pole  Iechanical characteristics anel tickness Iechanical life  onnection according to IEC 9471-1 and EN 50947-1  onnecting capability  onnecting terminal screw dimensions crew tightening torque rotection degree IEC 529 EN 60529		240V 200V 240V 480V 600V Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Hp (A)  mm  Cycles x 10 <sup>6</sup> Cycles/hr  mm² AWG mm² Type Nm	2 (24)/- 3 (17)/6 5 (17,5)/- 7,5 (22)/- 10 (11)/1: 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4