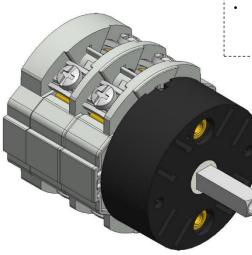
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ISO 9001 Certified Quality System

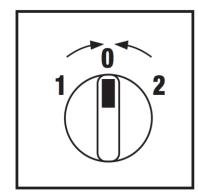
Cod. CA0120036PL1



(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



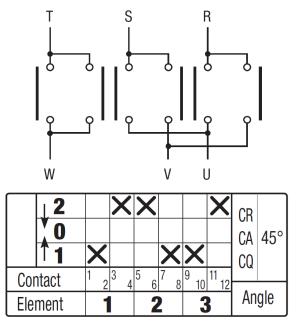
Technical characteristics: Body

- · Reversing switch 3 pole with spring return to "OFF"
- IP00 Protection degree
- Rated operational current le: 12A (AC-21A)
- Rated thermal current Ith: 16A
- Rated insulation voltage Ui: 690V
- Panel 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 52x52mm and black knob
- Fixing with 2 screws at 28mm vertical
- IP 40 Protection degree

Electrical diagram and function



U V W

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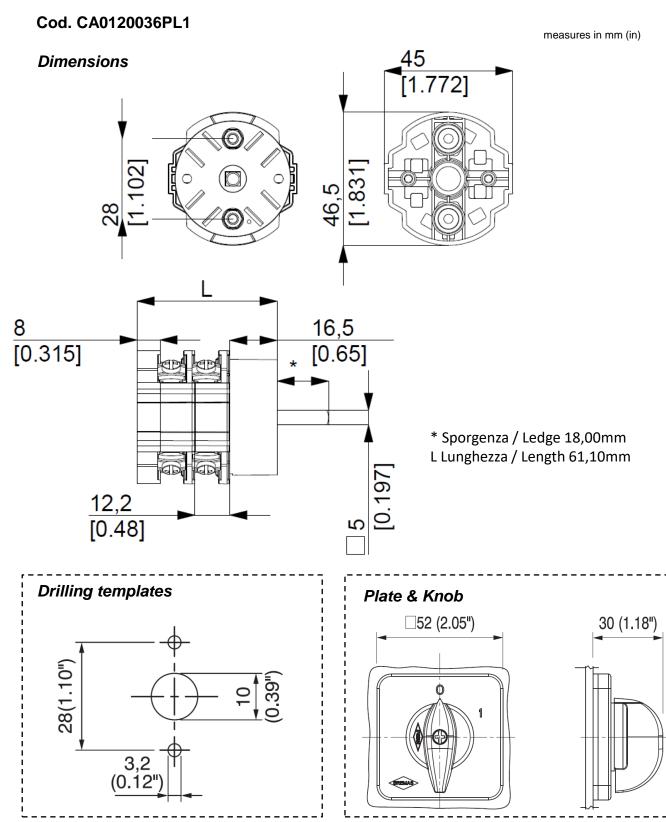
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Cod. CA0120036PL1

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	A	16
Rated thermal current for enclosed switch		Ithe	A	16
Rated operation frequency		itine i	Hz	50/60
Power dissipation for each pole			W	0.27
Rated operating current				0.27
AC-21A Switching resistive loads, including moderate overloads		le	A	12
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	A	12
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)	3 (9)
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		400V	Kw (A)	4 (9)
		500V	Kw (A)	-
		690V	Kw (A)	-
		110V	Kw (A)	0,75 (8,5)
a 254 Switching of motor loads of other highly inductive loads I phase - 2 pole		230V	Kw (A)	1,5 (8,5)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole		230V	Kw (A)	2,2 (7)
AC-3 squirrer cage motors, starting, switching on motors during running 5 phase - 5 pore		400V	Kw (A)	3,5 (7)
		500V	Kw (A)	-
		690V	Kw (A)	-
AC-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole		110V	Kw (A)	0,37 (4)
		230V	Kw (A)	1,1 (6)
		400V	Kw (A)	-
AC-4 Squirrel cage motors: starting, pluggign, inching		230V	Kw (A)	-
a a squirrer eage motors, starting, praggign, menning		400V	Kw (A)	-
AC-15 Control of a.c electromagnetic loads		230V	A	4
		400V	A	3
Rated breaking capability in AC-23A (cos φ=0,45)		230V	A	72
		400V	A	72
Short circuit protection		1001		
Rated short time withstand current		lcw	A	150
Rated short-circuit make capacity		lcm	A	150
Rated short-circuit make capacity Rated conditional short-circuit current		-	kA	4
With fuses class gG		500V	A	16
Technical data UL/CSA		5007	~	10
Rated operating voltage		Ue	UL/CSA V	600/ -
General use current		le	UL/CSA A	12
Short circuit rating @600Vac			Arms	5000
Fuse size (Class RK5, 600Vac, 200kA A.I.C.)			A	60
Rated operating power				00
1 phase - 2 pole		120V	Hp (A)	0,5 (9,8)
		240V	Hp (A)	1,5 (10)
3 phase - 3 pole		2400	Hp (A)	1,5 (10)
		200V	нр (A) Нр (A)	2 (6,8)
			Hp (A)	3 (4,8)
			нр (A) Нр (A)	5 (4,8)
Nechanical characteristics		0007	тр (A)	5 (0,1)
Panel tickness		Max	mm	4
Aner rickness Aechanical life		IVIGA	Cycles x 10 ⁶	2
		-	Cycles X 10	120
Connection according to IEC 9471-1 and EN 50947-1			Cycles/III	120
Connecting capability	With flexible wires	Min-Max	mm²	2x1,5-4
connecting capability	with nexible wires	Min-Max		
	With colid wires		AWG	16-10 2x1 5 6
Connection terminal screw dimensions	With solid wires	Min-Max	mm²	2x1,5-6
Connection terminal screw dimensions			Туре	M3,5
icrew tightening torque			Nm	1
Protection degree IEC 529 EN 60529			IP	00
erminals			IP	00
Ambient conditions			*6	25 - 55
Derating ambient temperature			°C	-25 ÷ +55
Storage ambient temprature			°C	-30 ÷ +70
Vithstand to constant humid according to IEC 60068				2-78
Withstand to cyclic humid according to IEC 60068				2-30

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