

Cod. CR0400039RT6



(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



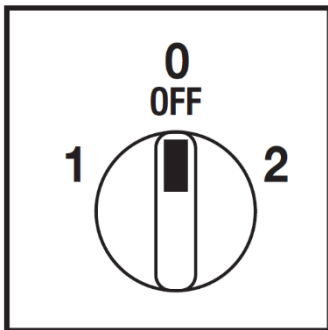
Technical characteristics: Body

- Change-over switch 4 pole
- IP20 Protection degree
- Rated operational current I_e : 40A (AC-21A)
- Rated thermal current I_{th} : 50A
- Rated insulation voltage U_i : 690V
- Rear mounting
- Fixing with: - 2 screw at 28mm vertical
- 2 screw at 32mm horizontal
- 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.

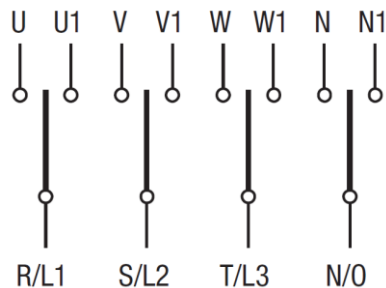
Technical characteristics: Knob

- Grey plate 67x67mm and black knob
- IP66 Protection degree
- Fixing:- 2 screw at 28mm vertical
- 2 screw at 32mm horizontal

Positions



Electrical diagram



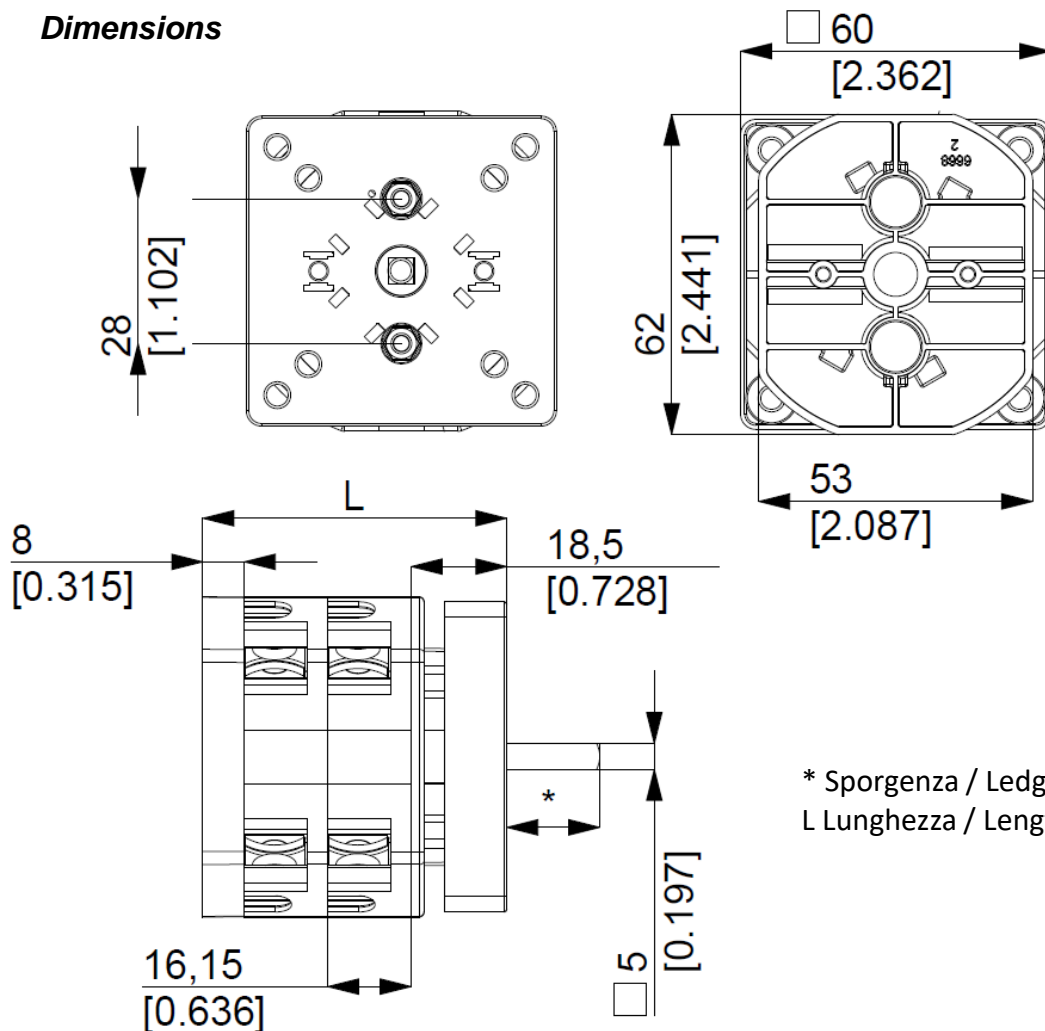
Electrical function

	2		X		X		X		X		CR	60°
	0										CA	
	1	X		X		X		X			CQ	
Contact		1	3	5	7	9	11	13	15			
		2	4	6	8	10	12	14	16			
Element		1		2		3		4			Angle	

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measures in mm (in)

Dimensions



* Sporgenza / Ledge 18,00mm
L Lunghezza / Length 91,10mm

Drilling templates

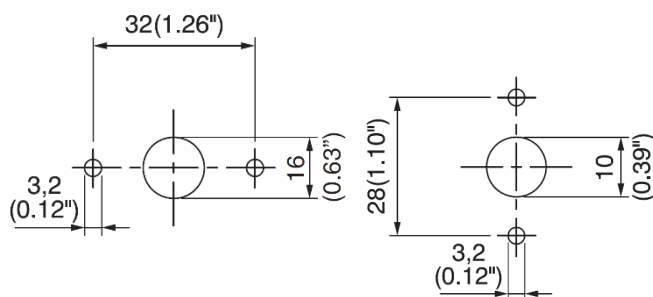
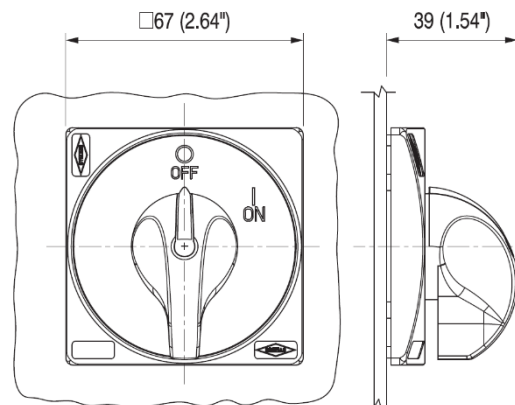


Plate & Knob



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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	A		50
Rated thermal current for enclosed switch	Ithe	A		50
Rated operation frequency		Hz		50/60
Power dissipation for each pole		W		1,3
Rated operating current				
AC-21A Switching resistive loads, including moderate overloads	Ie	A		40
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads	Ie	A		32
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)		10 (32)
	400V	Kw (A)		18,5 (30)
	500V	Kw (A)		18,5 (27)
	690V	Kw (A)		18,5 (19)
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole	110V	Kw (A)		3 (34)
	230V	Kw (A)		5,5 (30)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole	230V	Kw (A)		7,5 (24)
	400V	Kw (A)		15 (27)
	500V	Kw (A)		15 (22)
	690V	Kw (A)		16 (16)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole	110V	Kw (A)		2,2 (25)
	230V	Kw (A)		4,5 (25)
	400V	Kw (A)		-
AC-4 Squirrel cage motors: starting, pluggin, inching	230V	Kw (A)		3 (10)
	400V	Kw (A)		5,5 (10)
AC-15 Control of a.c electromagnetic loads	230V	A		10
	400V	A		8
Rated breaking capability in AC-23A (cos φ=0,45)	230V	A		256
	400V	A		240
Short circuit protection				
Rated short time withstand current	Icw	A		500
Rated short-circuit make capacity	Icm	A		2000
Rated conditional short-circuit current	-	kA		10
With fuses class gG	500V	A		50
Technical data UL/CSA				
Rated operating voltage	Ue	UL/CSA V		600/600
General use current	Ie	UL/CSA A		40/32
Short circuit rating @600Vac		Arms		5000
Fuse size (Class RK5, 600Vac, 200kA A.I.C.)		A		60
Rated operating power				
1 phase - 2 pole	120V	Hp (A)		3 (34)/2,5
	240V	Hp (A)		7,5 (40)/4,5
3 phase - 3 pole	200V	Hp (A)		10 (32,2)/-
	240V	Hp (A)		15 (42)/9,5
	480V	Hp (A)		20 (27)/20
	600V	Hp (A)		20 (22)/25
Mechanical characteristics				
Panel tickness	Max	mm		4
Mechanical life		Cycles x 10 ⁶		1,5
		Cycles/hr		120
Connection according to IEC 9471-1 and EN 50947-1				
Connecting capability	With flexible wires	Min-Max	mm ²	2x2,5-10
		Min-Max	AWG	14-8
	With solid wires	Min-Max	mm ²	2x2,5-16
			Type	M4
Connection terminal screw dimensions			Nm	1,2
Screw tightening torque				
Protection degree IEC 529 EN 60529				
Terminals		IP		20
Ambient conditions				
Operating ambient temperature		°C		-25 ÷ +55
Storage ambient temprature		°C		-30 ÷ +70
Withstand to constant humid according to IEC 60068				2-78
Withstand to cyclic humid according to IEC 60068				2-30