

Via castellazzo 9 - 20040 Cambiago (MI)
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ISO 9001 Certified Quality System

Cod. CR04000G4BL6



(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



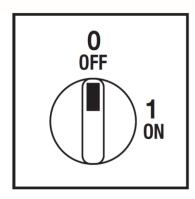
Technical characteristics: Body

- ON-OFF switch 4 pole with padlockable handle
- IP20 Protection degree
- Rated operational current le: 40A (AC-21A)
- Rated thermal current Ith: 50A
- · Rated insulation voltage Ui: 690V
- · Rear mounting
- Fixing with 2 screw at 28mm vertical or DIN rail
- Switching angle: 90°
- 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.

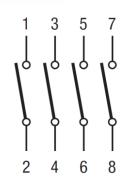
Technical characteristics: Knob

- Yellow plate 67x67mm and red padlockable knob (max. 3 padlocks)
- · IP66 Protection degree
- Fixing with 2 screw at 28mm vertical or 2 screw at 36mm horizontal

Positions



Electrical diagram



Electrical function

	0									CR	
	1	>	<	X	•	X	<	>	<	CA	90°
Contact		1	2	3	1	5	6	7	8	CQ	
Element		1				2				Angle	



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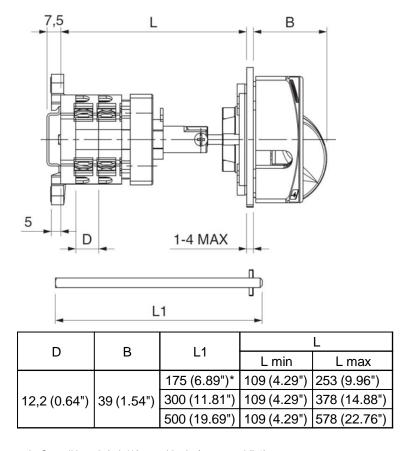
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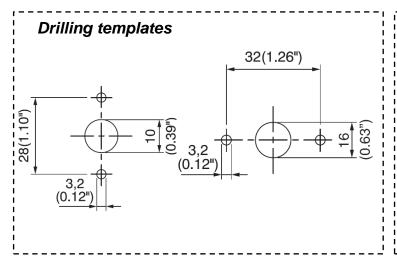
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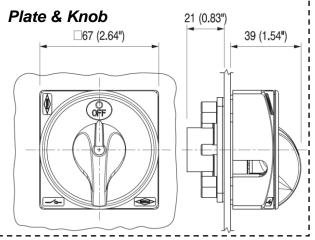
Dimensions

measures in mm (in)



- L: Overall length (min**/max with shaft mounted (L1)
- * Standard shaft, supplied in the packaging of the base mounting switches
- ** L min can be obtained by cutting shaft







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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	Α	50
Rated thermal current for enclosed switch		Ithe	Α	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		le	A	40
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	A	32
AC-20A Connecting and disconnecting under no loads conditions				-
Rated operating power		230V	Kw (A)	10 (32)
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole		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)
AC-25A SWITCHING OF MOTOR loads of other highly inductive loads 1 phase - 2 pole		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)
The Society of the Color State and Society of the Color State		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, pluggign, inching		230V	Kw (A)	3 (10)
		400V	Kw (A)	5,5 (10)
AC-15 Control of a.c electromagnetic loads		230V	Α	10
		400V	А	8
Rated breaking capability in AC-23A (cos φ=0,45)		230V	Α	256
		400V	Α	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			/004.1/	500/500
Rated operating voltage General use current		Ue le	UL/CSA V UL/CSA A	600/600 40/32
Short circuit rating @600Vac		ie	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	mm²	2x2,5-10
		Min-Max	AWG	14-8
	With solid wires	Min-Max	mm²	2x2,5-16
Connection terminal screw dimensions			Туре	M4
Screw tightening torque			Nm	1,2
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
Nithstand to cyclic humid according to IEC 60068				2-30

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