

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

Cod. CR03200G4BL6



(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



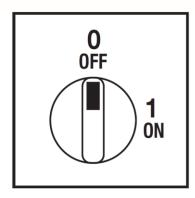
Technical characteristics: Body

- ON-OFF switch 4 pole with padlockable handle
- IP20 Protection degree
- Rated operational current le: 32A (AC-21A)
- · Rated thermal current Ith: 40A
- · 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.

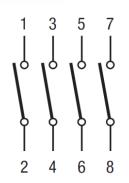
Technical characteristics: Knob

- 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	>	<	×	•	>	<	>	<	CA	90°
Contact		1	2	3	4	5	6	7	8	CQ	
Element		1			2				Angle		



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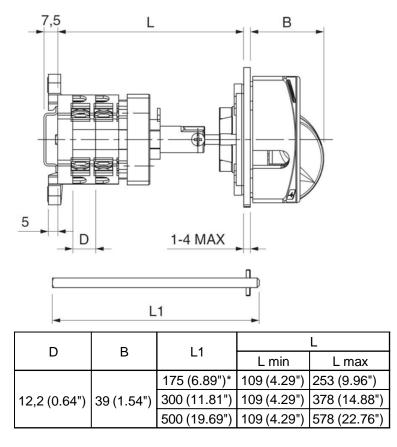
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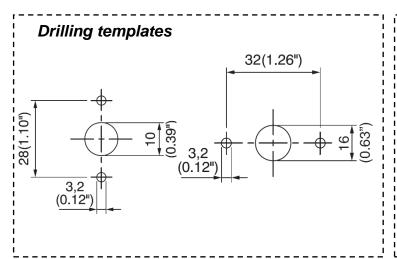
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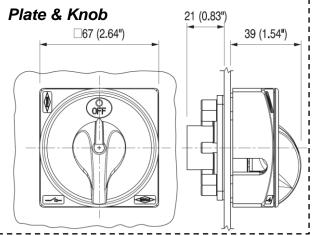
Dimensions

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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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	40
Rated thermal current for enclosed switch		Ithe	Α	40
Rated operation frequency			Hz	50/60
Power dissipation for each pole			W	1
Rated operating current				
AC-21A Switching resistive loads, including moderate overloads		le	Α .	32
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	A	25
IC-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)	8,5 (27)
AC-23A Switching of motor loads of other nightly inductive loads 3 phase - 3 pole		400V	Kw (A)	15 (27)
		500V	Kw (A)	15 (27)
		690V	Kw (A)	15 (16)
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		110V	Kw (A)	2,2 (25)
C-23A Switching of motor loads of other nightly inductive loads 1 phase - 2 pole		230V	Kw (A)	3,7 (20)
C-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole		230V	Kw (A)	5,5 (17)
		400V	Kw (A)	10 (17)
		500V	Kw (A)	10 (17)
		690V	Kw (A)	10 (10)
C-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole		110V	Kw (A)	1,5 (17)
, 5 0		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)
C-15 Control of a.c electromagnetic loads		230V	Α	8
		400V	Α	6
lated breaking capability in AC-23A (cos φ=0,45)		230V	Α	216
		400V	Α	216
hort circuit protection				
Rated short time withstand current		lcw	Α	400
Rated short-circuit make capacity		Icm	Α	2000
tated conditional short-circuit current		-	kA	10
Vith fuses class gG		500V	A	35
echnical data UL/CSA				
Rated operating voltage		Ue	UL/CSA V	600/600
General use current		le	UL/CSA A	35/25
Short circuit rating @600Vac			Arms	5000
use size (Class RK5, 600Vac, 200kA A.I.C.)			A	60
lated operating power				
phase - 2 pole		120V	Hp (A)	2 (24)
		240V	Hp (A)	3 (17)
phase - 3 pole		200V	Hp (A)	5 (17,5)
		240V	Hp (A)	7,5 (22)
		480V	Hp (A)	10 (14)
And and address should be		600V	Hp (A)	15 (17)
Aechanical characteristics		*****		
anel tickness Aechanical life		Max	mm Cycles v 10 ⁶	1 5
rectionical ine		-	Cycles x 10 ⁶ Cycles/hr	1,5 120
connection according to IEC 9471-1 and EN 50947-1			Cycles/III	120
Connecting capability	With flexible wires	Min-Max	mm²	2x2,5-10
connecting capability	with lightlie wiles	Min-Max	AWG	14-8
	With solid wires	Min-Max	mm²	2x2,5-16
onnection terminal screw dimensions	with 2010 Mile?	IVIIII-IVIdX	Type	2x2,5-16 M4
crew tightening torque			Nm	1,7
rotection degree IEC 529 EN 60529			INIII	1,/
erminals			IP	20
unbient conditions			ir .	20
Operating ambient temperature			°C	-25 ÷ +55
ADCIDIONS DISPOSIT LESSOCIALUSE				
			°C	
torage ambient temprature Vithstand to constant humid according to IEC 60068			°C	-30 ÷ +70 2-78

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