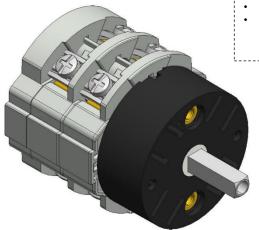
ISO 9001 Certified Quality System

Cod. CA01200G3BL6



(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



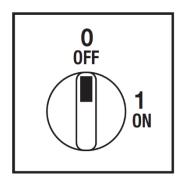
Technical characteristics: Body

- ON-OFF switch 3 pole with padlockable handle
- IP00 Protection degree
- Rated operational current le: 12A (AC-21A)
- Rated thermal current Ith: 16A
- Rated insulation voltage Ui: 690V
- Base mounting
- · Fixing with 2 screws 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.

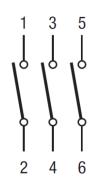
Technical characteristics: Knob

- 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

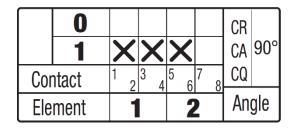
Positions



Electrical diagram



Electrical function





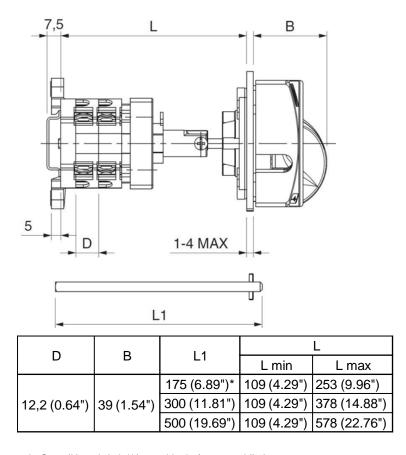
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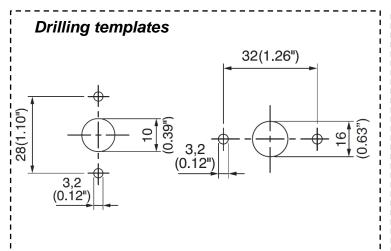
Cod. CA01200G3BL6

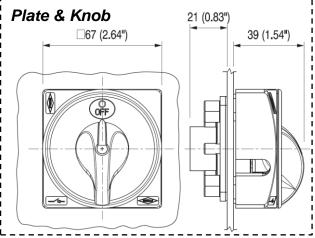
Dimensions

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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echnical data IEC 947-3 EN 60947-3				
ated insulation voltage		Ui	V	690
ated operating voltage		Ue	V	690
ated impulse withstand voltage		Uimp	kV	6
ated thermal current for open switch		Ith	Α	16
ated thermal current for enclosed switch		Ithe	A	16
ated operation frequency		Terre	Hz	50/60
ower dissipation for each pole			W	0,27
			VV	0,27
ated operating current				
C-21A Switching resistive loads, including moderate overloads		le	A	12
C-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	A	12
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 AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		230V	Kw (A)	3 (9)
		400V	Kw (A)	4 (9)
		500V	Kw (A)	-
		690V	Kw (A)	-
		110V	Kw (A)	0,75 (8,5
		230V	Kw (A)	1,5 (8,5)
AC 2 Guitral case meters; starting suitishing off meters during rupping 2 phase 2 pale		230V 230V		
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole		Kw (A)	2,2 (7)	
		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)	-
To A organici coge motors, starting, piuggign, moning		400V	Kw (A)	

C-15 Control of a.c electromagnetic loads		230V	A	4
		400V	A	3
Rated breaking capability in AC-23A (cos φ=0,45)		230V	А	72
		400V	Α	72
hort circuit protection				
ated short time withstand current		Icw	Α	150
ated short-circuit make capacity		Icm	Α	-
ated conditional short-circuit current		-	kA	4
/ith fuses class gG		500V	Α	16
echnical data UL/CSA				
ated operating voltage		Ue	UL/CSA V	600/ -
eneral use current		le	UL/CSA A	12
		ie		
nort circuit rating @600Vac			Arms	5000
use size (Class RK5, 600Vac, 200kA A.I.C.)			A	60
ated operating power				
phase - 2 pole		120V	Hp (A)	0,5 (9,8)
		240V	Hp (A)	1,5 (10)
3 phase - 3 pole	·	200V	Hp (A)	1,5 (6,9)
		240V	Hp (A)	2 (6,8)
		480V	Hp (A)	3 (4,8)
		600V	Hp (A)	5 (6,1)
lechanical characteristics		0001	(۱.1)	3 (0,1)
		May	mm	4
anel tickness		Max	mm	4
lechanical life			Cycles x 10 ⁶	2
			Cycles/hr	120
onnection according to IEC 9471-1 and EN 50947-1				
	With flexible wires	Min-Max	mm²	2x1,5-4
	With flexible wires	Min-Max Min-Max	mm² AWG	2x1,5-4 16-10
	With flexible wires With solid wires			16-10
onnecting capability		Min-Max	AWG mm²	16-10 2x1,5-6
onnection according to IEC 9471-1 and EN 50947-1 onnecting capability onnection terminal screw dimensions		Min-Max	AWG mm² Type	16-10 2x1,5-6 M3,5
onnecting capability onnection terminal screw dimensions crew tightening torque		Min-Max	AWG mm²	16-10 2x1,5-6
onnecting capability onnection terminal screw dimensions crew tightening torque rotection degree IEC 529 EN 60529		Min-Max	AWG mm² Type Nm	16-10 2x1,5-6 M3,5 1
onnecting capability onnection terminal screw dimensions trew tightening torque totection degree IEC 529 EN 60529 erminals		Min-Max	AWG mm² Type	16-10 2x1,5-6 M3,5
onnecting capability connection terminal screw dimensions crew tightening torque cotection degree IEC 529 EN 60529 erminals		Min-Max	AWG mm² Type Nm	16-10 2x1,5-6 M3,5 1
onnecting capability onnection terminal screw dimensions crew tightening torque		Min-Max	AWG mm² Type Nm	16-10 2x1,5-6 M3,5 1
onnecting capability onnection terminal screw dimensions rew tightening torque otection degree IEC 529 EN 60529 rminals mbient conditions perating ambient temperature		Min-Max	AWG mm² Type Nm	16-10 2x1,5-6 M3,5 1 00
onnecting capability onnection terminal screw dimensions rew tightening torque rotection degree IEC 529 EN 60529 erminals nbient conditions		Min-Max	AWG mm² Type Nm	16-10 2x1,5-6 M3,5 1

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