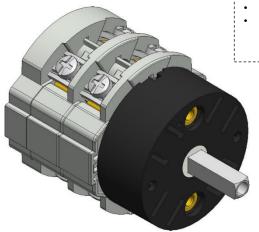
ISO 9001 Certified Quality System

Cod. CA01600G4RL6



(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



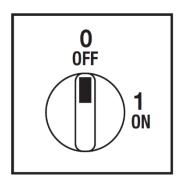
Technical characteristics: Body

- ON-OFF switch 4 pole with padlockable handle
- IP00 Protection degree
- Rated operational current le: 16A (AC-21A)
- · Rated thermal current Ith: 20A
- · Rated insulation voltage Ui: 690V
- · Base mounting
- Fixing with 2 screw at 28mm vertical
- 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.

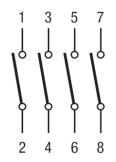
Technical characteristics: Knob

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

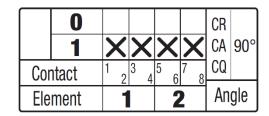
Positions



Electrical diagram



Electrical function

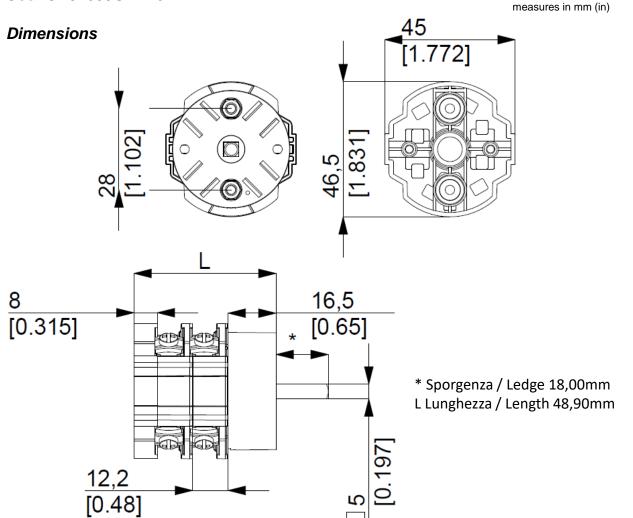


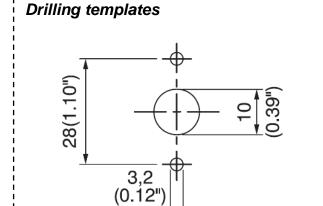


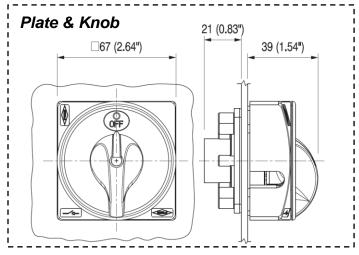
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Cod. CA01600G4RL6

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	20
Rated thermal current for enclosed switch		Ithe	Α Α	20
Rated operation frequency		Tare	Hz	50/60
Power dissipation for each pole			W	0,5
Rated operating current			**	0,5
AC-21A Switching resistive loads, including moderate overloads		le	A	16
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	A	16
AC-20A Connecting and disconnecting under no loads conditions				-
Rated operating power		2001		. (. 4)
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole		230V	Kw (A)	4 (14)
		400V	Kw (A)	7,5 (14)
		500V	Kw (A)	-
		690V	Kw (A)	
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		110V	Kw (A)	1,1 (12)
		230V	Kw (A)	2,2 (14)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole		230V	Kw (A)	3,7 (12)
		400V	Kw (A)	5,5 (10)
		500V	Kw (A)	-
		690V	Kw (A)	
AC-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole		110V	Kw (A)	0,75 (9)
		230V	Kw (A)	1,5 (8)
		400V	Kw (A)	-
AC-4 Squirrel cage motors: starting, pluggign, inching		230V	Kw (A)	-
		400V	Kw (A)	-
AC-15 Control of a.c electromagnetic loads		230V	A	6
		400V	A	4
Rated breaking capability in AC-23A (cos φ=0,45)		230V	Α	112
		400V	A	112
Short circuit protection				
Rated short time withstand current		lcw .	Α .	240
Rated short-circuit make capacity		Icm -	A	4
Rated conditional short-circuit current			kA A	20
With fuses class gG		500V	A	20
Technical data UL/CSA			(00.1.)	500/
Rated operating voltage		Ue	UL/CSA V	600/-
General use current		le	UL/CSA A	16
Short circuit rating @600Vac			Arms	5000
fuse size (Class RK5, 600Vac, 200kA A.I.C.)			A	25 (30)
Rated operating power				
phase - 2 pole		120V	Hp (A)	1 (16)
		240V	Hp (A)	2 (12)
phase - 3 pole		200V	Hp (A)	2 (12) 2 (7,8)
s phase - 3 pole		200V 240V		2 (12)
s phase - 3 pole		200V 240V 480V	Нр (A) Нр (A) Нр (A)	2 (12) 2 (7,8) 3 (9,6) 7,5 (11)
		200V 240V	Hp (A) Hp (A)	2 (12) 2 (7,8) 3 (9,6)
Mechanical characteristics		200V 240V 480V 600V	Hp (A) Hp (A) Hp (A) Hp (A)	2 (12) 2 (7,8) 3 (9,6) 7,5 (11) 7,5 (9)
Mechanical characteristics Vanel thickness		200V 240V 480V	Hp (A) Hp (A) Hp (A) Hp (A) mm	2 (12) 2 (7,8) 3 (9,6) 7,5 (11) 7,5 (9)
B phase - 3 pole Wechanical characteristics Panel thickness Mechanical life		200V 240V 480V 600V	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) Cycles x 10 ⁶	2 (12) 2 (7,8) 3 (9,6) 7,5 (11) 7,5 (9) 4
Mechanical characteristics anel thickness Mechanical life		200V 240V 480V 600V	Hp (A) Hp (A) Hp (A) Hp (A) mm	2 (12) 2 (7,8) 3 (9,6) 7,5 (11) 7,5 (9)
Mechanical characteristics anel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1	With flevible wires	200V 240V 480V 600V	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr	2 (12) 2 (7,8) 3 (9,6) 7,5 (11) 7,5 (9) 4 2
Mechanical characteristics anel thickness dechanical life onnection according to IEC 9471-1 and EN 50947-1	With flexible wires	200V 240V 480V 600V Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr	2 (12) 2 (7,8) 3 (9,6) 7,5 (11) 7,5 (9) 4 2 120 2x1,5-4
Mechanical characteristics anel thickness dechanical life onnection according to IEC 9471-1 and EN 50947-1		200V 240V 480V 600V Max Min-Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr mm ² AWG	2 (12) 2 (7,8) 3 (9,6) 7,5 (11) 7,5 (9) 4 2 120 2x1,5-4 16-10
flechanical characteristics anel thickness flechanical life onnection according to IEC 9471-1 and EN 50947-1 onnecting capability	With flexible wires With solid wires	200V 240V 480V 600V Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr mm ² AWG mm ²	2 (12) 2 (7,8) 3 (9,6) 7,5 (11) 7,5 (9) 4 2 120 2x1,5-4 16-10 2x1,5-6
Aechanical characteristics anel thickness Aechanical life Connection according to IEC 9471-1 and EN 50947-1 connecting capability Connection terminal screw dimensions		200V 240V 480V 600V Max Min-Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr mm² AWG mm² Type	2 (12) 2 (7,8) 3 (9,6) 7,5 (11) 7,5 (9) 4 2 120 2x1,5-4 16-10 2x1,5-6 M3,5
Aechanical characteristics anel thickness Aechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions crew tightening torque		200V 240V 480V 600V Max Min-Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr mm ² AWG mm ²	2 (12) 2 (7,8) 3 (9,6) 7,5 (11) 7,5 (9) 4 2 120 2x1,5-4 16-10 2x1,5-6
Aechanical characteristics anel thickness Aechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Crew tightening torque Trotection degree IEC 529 EN 60529		200V 240V 480V 600V Max Min-Max	Hp (A) Hp (A) Hp (A) Hp (A) Mm Cycles x 10 ⁶ Cycles/hr mm² AWG mm² Type Nm	2 (12) 2 (7,8) 3 (9,6) 7,5 (11) 7,5 (9) 4 2 120 2x1,5-4 16-10 2x1,5-6 M3,5
Aechanical characteristics anel thickness Aechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connecting capability Connection terminal screw dimensions Crew tightening torque Frotection degree IEC 529 EN 60529 erminals		200V 240V 480V 600V Max Min-Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr mm² AWG mm² Type	2 (12) 2 (7,8) 3 (9,6) 7,5 (11) 7,5 (9) 4 2 120 2x1,5-4 16-10 2x1,5-6 M3,5
Mechanical characteristics anel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions crew tightening torque rotection degree IEC 529 EN 60529 erminals umbient conditions		200V 240V 480V 600V Max Min-Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr mm² AWG mm² Type Nm	2 (12) 2 (7.8) 3 (9.6) 7,5 (11) 7,5 (9) 4 2 120 2x1,5-4 16-10 2x1,5-6 M3,5 1
Mechanical characteristics anel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connecting capability Connecting to IEC 9471-1 and EN 50947-1 Connecting capability Connecting to IEC 9471-1 and EN 50947-1 Connecting capability Connecting capability Connecting to IEC 9471-1 and EN 50947-1 Connecting capability Connecting capabi		200V 240V 480V 600V Max Min-Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr mm² AWG mm² Type Nm	2 (12) 2 (7,8) 3 (9,6) 7,5 (11) 7,5 (9) 4 2 120 2×1,5-4 16-10 2×1,5-6 M3,5 1 00
Aechanical characteristics anel thickness Aechanical life onnection according to IEC 9471-1 and EN 50947-1 onnecting capability onnection terminal screw dimensions crew tightening torque rotection degree IEC 529 EN 60529 erminals mblent conditions		200V 240V 480V 600V Max Min-Max	Hp (A) Hp (A) Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr mm² AWG mm² Type Nm	2 (12) 2 (7.8) 3 (9.6) 7,5 (11) 7,5 (9) 4 2 120 2x1,5-4 16-10 2x1,5-6 M3,5 1