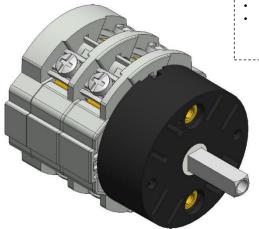
ISO 9001 Certified Quality System

Cod. CA04000G3RL6



(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



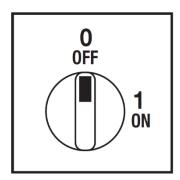
Technical characteristics: Body

- ON-OFF switch 3 pole with padlockable handle
- IP00 Protection degree
- Rated operational current le: 40A (AC-21A)
- · Rated thermal current Ith: 50A
- · 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.

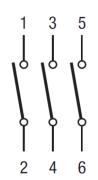
Technical characteristics: Knob

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

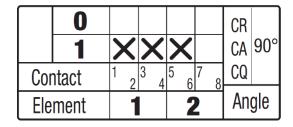
Positions



Electrical diagram



Electrical function



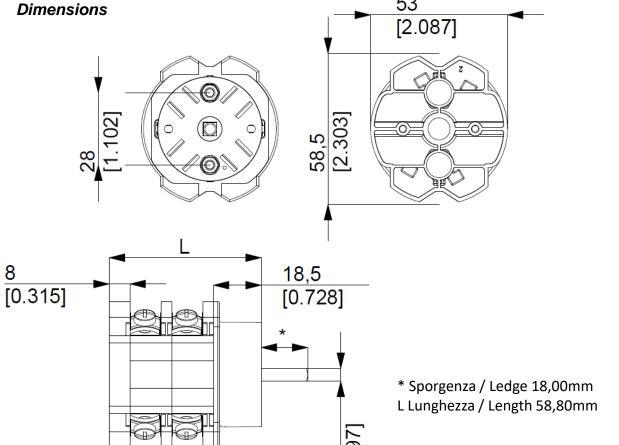


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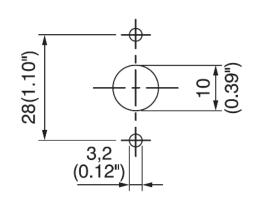
Cod. CA04000G3RL6

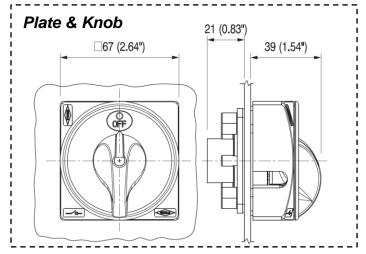
measures in mm (in) 53



Drilling templates

16,15 [0.636]





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ISO 9001 Certified Quality System

Cod. CA04000G3RL6

echnical data IEC 947-3 EN 60947-3			
ated insulation voltage	Ui	V	690
ated operating voltage	Ue	V	690
ated impulse withstand voltage	Uim	kV	6
ated thermal current for open switch	Ith	A	50
ated thermal current for enclosed switch	Ithe		50
ated operation frequency		Hz	50/60
ower dissipation for each pole		W	1,3
ated operating current		**	1,5
C-21A Switching resistive loads, including moderate overloads	le	A	40
C-22A Switching of mixed resistive and inductive loads, including moderate overloads	le	A	32
	ie	^	- 32
C-20A Connecting and disconnecting under no loads conditions			
ated operating power	220	/ IG (A)	10 (22)
CC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole	230\		10 (32)
	400	. ,	18,5 (30)
	500\	. ,	18,5 (27)
	690	/ Kw (A)	18,5 (19)
C-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole	110\	. ,	3 (34)
	230		5,5 (30)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole	230\	/ Kw (A)	7,5 (24)
	400	/ Kw (A)	15 (27)
	500	/ Kw (A)	15 (22)
	690	/ Kw (A)	16 (16)
C-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole	110		2,2 (25)
	230		4,5 (25)
	400		-
C-4 Squirrel cage motors: starting, pluggign, inching	230		3 (10)
	400	. , ,	5,5 (10)
C-15 Control of a.c electromagnetic loads	230		10
C-13 Control of all electromagnetic loads	400		8
ated breaking conshility in AC 22A (one cond.45)	230		256
Rated breaking capability in AC-23A (cos φ=0,45)			
	400	/ A	240
hort circuit protection	·		
ated short time withstand current	lcw		500
ated short-circuit make capacity	Icm		2000
ated conditional short-circuit current	-	kA	10
/ith fuses class gG	500	/ A	50
echnical data UL/CSA			
ated operating voltage	Ue	UL/CSA V	600/600
eneral use current	le	UL/CSA A	40/32
hort circuit rating @600Vac		Arms	5000
nort circuit fating @ 000 vac		Α	60
use size (Class RK5, 600Vac, 200kA A.I.C.)		A	
		A	-
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power	120		
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power	120\ 240\	/ Hp (A)	3 (34)/2,5 7,5 (40)/4,
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole		/ Hp (A) / Hp (A)	3 (34)/2,5 7,5 (40)/4,
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole	240	/ Hp (A) / Hp (A) / Hp (A)	3 (34)/2,5 7,5 (40)/4,5 10 (32,2)/-
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole	240° 200° 240°	/ Hp (A) / Hp (A) / Hp (A) / Hp (A)	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/- 15 (42)/9,5
ise size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole	240\\ 200\\ 240\\ 480\\	/ Hp (A)	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/- 15 (42)/9,5 20 (27)/20
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole	240° 200° 240°	/ Hp (A) / Hp (A) / Hp (A) / Hp (A) / Hp (A)	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/- 15 (42)/9,5
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole lechanical characteristics	240' 200' 240' 480' 600'	/ Hp (A)	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/- 15 (42)/9,5 20 (27)/20 20 (22)/25
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole dechanical characteristics anel tickness	240\\ 200\\ 240\\ 480\\	/ Hp (A)	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/- 15 (42)/9,5 20 (27)/20 20 (22)/25
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole dechanical characteristics anel tickness	240' 200' 240' 480' 600'	/ Hp (A) / Common	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/- 15 (42)/9,2 20 (27)/25 4 4 1,5
ise size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole sechanical characteristics anel tickness sechanical life	240' 200' 240' 480' 600'	/ Hp (A)	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/- 15 (42)/9, 20 (27)/25 20 (22)/25
ise size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole sechanical characteristics anel tickness sechanical life connection according to IEC 9471-1 and EN 50947-1	240° 200° 240° 480° 600°	/ Hp (A) / Cycles x 10 ⁶ Cycles/hr	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/- 15 (42)/9,5 20 (27)/20 20 (22)/25 4 1,5 120
ise size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole sechanical characteristics anel tickness sechanical life connection according to IEC 9471-1 and EN 50947-1	240° 200° 240° 480° 600° Max ible wires Min-N	/ Hp (A) / Cycles x 10 ⁶ Cycles x 10 ⁶ Cycles/hr	3 (34)/2,5 7,5 (40)/4,: 10 (32,2)/- 15 (42)/9,5 20 (27)/20 20 (22)/25 4 1,5 120
Jase size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole phase - 3 pole lechanical characteristics anel tickness lechanical life connection according to IEC 9471-1 and EN 50947-1 ponnecting capability With flex	240' 200' 240' 480' 600' Max ible wires Min-N Min-N	/ Hp (A) / Cycles x 10 ⁶ Cycles/hr lax mm ² lax AWG	3 (34)/2,5 7,5 (40)/4,1 10 (32,2)/- 15 (42)/9,5 20 (27)/20 20 (22)/25 4 1,5 120 2x2,5-10 14-8
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole dechanical characteristics anel tickness dechanical life connection according to IEC 9471-1 and EN 50947-1 connecting capability With flex With flex	240' 200' 240' 480' 600' Max ible wires Min-N Min-N	/ Hp (A) / Cycles x 10 ⁶ Cycles/hr lax mm ² lax AWG	3 (34)/2,5 7,5 (40)/4,1 10 (32,2)/- 15 (42)/2 20 (27)/20 20 (22)/25 4 1,5 120 2x2,5-10 14-8 2x2,5-16
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole dechanical characteristics anel tickness dechanical life connection according to IEC 9471-1 and EN 50947-1 connecting capability With flex With flex	240' 200' 240' 480' 600' Max ible wires Min-N Min-N	/ Hp (A) / Cycles x 10 ⁶ Cycles/hr lax mm ² lax AWG	3 (34)/2,5 7,5 (40)/4,1 10 (32,2)/- 15 (42)/9,5 20 (27)/20 20 (22)/25 4 1,5 120 2x2,5-10 14-8
Juse size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole phase - 3 pole Ilechanical characteristics anel tickness lechanical life connection according to IEC 9471-1 and EN 50947-1 connecting capability With flee	240' 200' 240' 480' 600' Max ible wires Min-N Min-N	/ Hp (A) / Cycles x 10 ⁶ Cycles x 10 ⁶ Cycles/hr lax mm ² lax AWG	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/. 15 (42)/9, 20 (27)/20 20 (22)/25 4 1,5 120 2x2,5-10 14-8 2x2,5-16
Juse size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole Idechanical characteristics	240' 200' 240' 480' 600' Max ible wires Min-N Min-N	/ Hp (A) / Cycles x 10 ⁶ Cycles x 10 ⁶ Cycles/hr lax mm² lax AWG lax mm² Type	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/- 15 (42)/9,2 20 (27)/20 20 (22)/25 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole dechanical characteristics anel tickness dechanical life connection according to IEC 9471-1 and EN 50947-1 connecting capability With flex with solution terminal screw dimensions crew tightening torque	240' 200' 240' 480' 600' Max ible wires Min-N Min-N	/ Hp (A) / Cycles x 10 ⁶ Cycles x 10 ⁶ Cycles/hr lax mm² lax AWG lax mm² Type	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/- 15 (42)/9,2 20 (27)/20 20 (22)/25 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4
Just size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole Class RK5, 600Vac, 200kA A.I.C.) Class RK5, 600Vac, 200kA A.I.C.) Class RK5, 600Vac, 200kA A.I.C.) Class RK5, 600Vac, 200kA A.I.C.) Class RK5, 600Vac, 200kA A.I.C.) Class RK5, 600Vac, 200kA A.I.C.) Class RK5, 600Vac, 200kA A.I.C.) Class RK5, 600Vac, 200kA A.I.C.) Class RK5, 600Vac, 200kA A.I.C.) Class RK5	240' 200' 240' 480' 600' Max ible wires Min-N Min-N	/ Hp (A) / Cycles x 10 ⁶ Cycles x 10 ⁶ Cycles/hr lax mm² lax AWG lax mm² Type Nm	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/- 15 (42)/9,- 20 (27)/20 20 (22)/25 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,2
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole Class RK5, 600Vac, 200kA A.I.C.) Phase - 3 pole Class RK5, 600Vac, 200kA A.I.C.) Phase - 3 pole Class RK5, 600Vac, 200kA A.I.C.) Phase - 3 pole Class RK5, 600Vac, 200kA A.I.C.) Phase - 3 pole Class RK5, 600Vac, 200kA A.I.C.) Phase - 3 pole Class RK5, 600Vac, 200kA A.I.C.) Phase - 3 pole Class RK5, 600Vac, 200kA A.I.C.) Phase - 3 pole Class RK5, 600Vac, 200kA A.I.C.) Phase - 3 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole Phase - 4 pole	240' 200' 240' 480' 600' Max ible wires Min-N Min-N	/ Hp (A) / Cycles x 10 ⁶ Cycles/hr lax mm ² lax AWG lax mm ² Type Nm	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/ 15 (42)/9, 20 (27)/20 20 (22)/25 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,2
se size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole sechanical characteristics sechanical life connection according to IEC 9471-1 and EN 50947-1 connecting capability With flee with sol connection terminal screw dimensions crew tightening torque contection degree IEC 529 EN 60529 connections mbient conditions perating ambient temperature	240' 200' 240' 480' 600' Max ible wires Min-N Min-N	/ Hp (A) / Cycles x 10 ⁶ Cycles x 10 ⁶ Cycles/hr lax mm² lax AWG lax mm² Type Nm	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/. 15 (42)/9,: 20 (27)/20 20 (22)/25 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,2 00
use size (Class RK5, 600Vac, 200kA A.I.C.) ated operating power phase - 2 pole phase - 3 pole dechanical characteristics anel tickness dechanical life connection according to IEC 9471-1 and EN 50947-1 connecting capability With flee with solution according to represent the solution of the solution according to represent the solution according	240' 200' 240' 480' 600' Max ible wires Min-N Min-N	/ Hp (A) / Cycles x 10 ⁶ Cycles/hr lax mm ² lax AWG lax mm ² Type Nm	3 (34)/2,5 7,5 (40)/4, 10 (32,2)/- 15 (42)/9,- 20 (27)/20 20 (22)/25 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,2

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