BREMAS

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ISO 9001 Certified Quality System

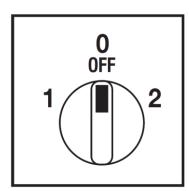
Cod. CQ0120006RV4



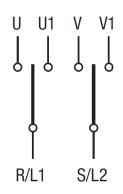
(Image is purely indicative)



Positions



Electrical diagram



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



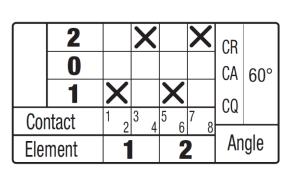
Technical characteristics: Body

- Change-over switch 2 pole
- IP20 Protection degree
- Rated operational current le: 16A (AC-21A)
- Rated thermal current Ith: 16A
- Rated insulation voltage Ui: 690V
- Panel Mounting
- Fixing with 4 screw at 36x36mm
- Switching angle: 60°
- Class V2 self-extinguishing thermoplastic housing
- Positive opening double break contacts, silver alloy made.

Technical characteristics: Knob

- Grey plate 48x48mm and black knob
- IP66 Protection degree
- Fixing with 4 screw at 36x36mm

Electrical function



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Certi Suita

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Dimensions

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В

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В

mm

in

Handle

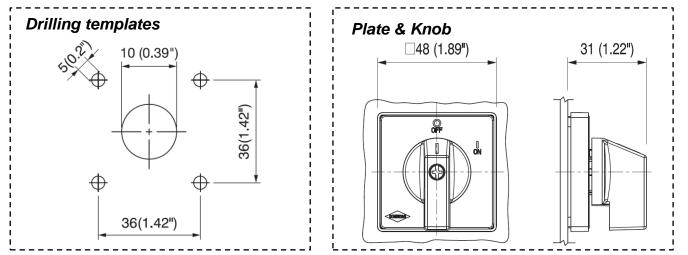
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measures in mm (in)

	· ·		
1-4	MAX (0,04	0"-0,15")	

Switch dimensions

Series	X	А	D		N° Stages					RT4-RY4	37	1,45	
361163					1	2	3	4	5	6		39	1 5 2
CQ 012-016 _{1,}	4040	□ 48 □ 1,89"	12,5 0,49"	L (mm)	48	60.5	73	85,5	98	110,5	RT6-RY6 RL6-RK6 RV4-RW4	39	1,53
	40x40					,		,		,		39	1,53
	1,57"x1,57"			L(in)	1,89	2,38	2,87	3,36	3,85	4,35		31	1,22
CQ 025-032	63x62 2,48"x 2,44"		12,5	L (mm)	49,5	62	74,5	87	99,5	112	RV6-RW6	36	1,42
			0,49"	L(in)	1,94	2,44	2,93	3,42	3,92	4,40	RRO	34	1,34



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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	А	16
Rated thermal current for enclosed switch		Ithe	А	16
Rated operation frequency			Hz	50/60
Power dissipation for each pole			W	0,4
				0,4
Rated operating current AC-21A Switching resistive loads, including moderate overloads		le	A	16
		le	A	10
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads AC-20A Connecting and disconnecting under no loads conditions		le	A	- 12
				-
Rated operating power		2221		4 (4 2)
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole		230V	Kw (A)	4 (13)
		400V	Kw (A)	7,5 (14)
		500V	Kw (A)	7,5 (11)
		690V	Kw (A)	7,5 (8)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole	230V	Kw (A)	2,8 (9)	
		400V	Kw (A)	5,5 (10)
		500V	Kw (A)	5,5 (8)
		690V	Kw (A)	5,5 (6)
AC-4 Squirrel cage motors: starting, pluggign, inching		230V	Kw (A)	1,1 (3)
		400V	Kw (A)	1,75 (3)
AC-15 Control of a.c electromagnetic loads		230V	А	5
		400V	А	3
Rated breaking capability in AC-23A (cos φ=0,45)		230V	А	112
		400V	А	112
Short circuit protection				
Rated short time withstand current		lcw	A	200
Rated short-circuit make capacity		lcm	A	1000
Rated conditional short-circuit current		-	kA	5
With fuses class gG		500V	A	20
Technical data UL/CSA		5000	A	20
			111/00 11/	c00/
Rated operating voltage		Ue	UL/CSA V	600/-
General use current		le	UL/CSA A	16
Rated operating power				/ >
1 phase - 2 pole		120V	Hp (A)	0,5 (0,5)
		240V	Hp (A)	1,5 (1,5)
3 phase - 3 pole		200V	Hp (A)	2/2
		240V	Hp (A)	3/3
		480V	Hp (A)	5/5
		600V	Hp (A)	7,5/7,5
Mechanical characteristics				
Mechanical life			Cicli x 106	2
			Cicli/ora	120
Connection according to IEC 9471-1 and EN 50947-1				
Connecting capability	With flexible wires	Min-Max	mm2	2x1,5-2,5
		Min-Max	AWG	16-12
	With solid wires	Min-Max	mm2	2x1,5-4
Connection terminal screw dimensions			Tipo	M3,5
Screw tightening torque			Nm	1
				1
Protection degree IEC 529 EN 60529 Terminals			IP	20
			IP	20
Ambient conditions			**	25
Operating ambient temperature			°C	-25 ÷ +55
Storage ambient temprature			°C	-30 ÷ +70
Withstand to constant humid according to IEC 60068				2-78
Withstand to cyclic humid according to IEC 60068				2-30

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