BREMAS

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ISO 9001 Certified Quality System

#### Cod. CA0630008PL3

# 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



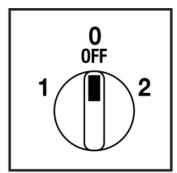
## Technical characteristics: Body

- Reversing switch 3 pole
- IP00 Protection degree
- Rated operational current le: 75A
- Rated thermal current Ith: 80A
- Rated insulation voltage Ui: 690V
- Rear Mounting
- Fixing with 2 screw at 40mm vertical
- Switching angle: 60°
- 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.

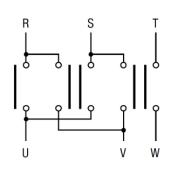
#### Technical characteristics: Knob

- Transparent plate 105x105 mm and black knob
- Fixing with 2 screws at 40mm vertical
- IP54 protection degree with gasket

### Positions



## Electrical diagram



### Electrical function

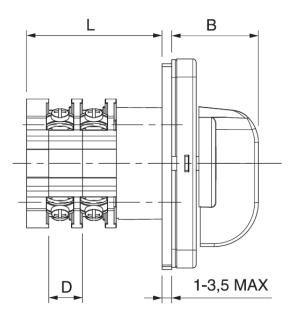


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#### Dimensions

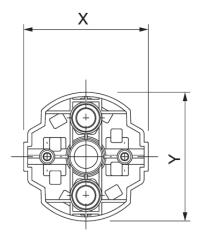


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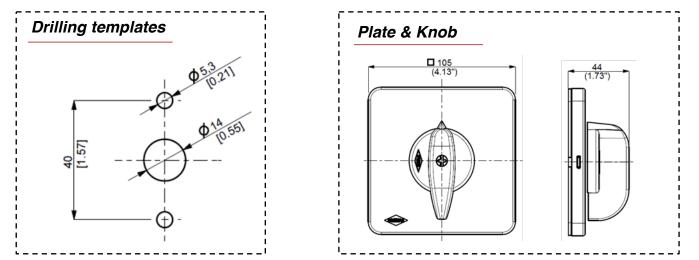
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measures in mm (in)



Series	х	Y	D	L	N° of stages
CA063	/	<b>©</b> 84	25	110,5	3



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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		lth	A	80
Rated thermal current for enclosed switch		Ithe	A	80
Rated operation frequency			Hz	50/60
Power dissipation for each pole			W	2,5
Rated operating current				2,5
AC-21A Switching resistive loads, including moderate overloads		le	A	75
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	A	63
AC-20A Connecting and disconnecting under no loads conditions		10		-
Rated operating power				
C-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole		230V	Kw (A)	18,5 (58)
		400V	Kw (A)	30 (54)
		500V	Kw (A)	22 (32)
		690V	Kw (A)	-
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole		110V	Kw (A)	5,5 (63)
to 254 Switching of motor loads of other highly madelive loads 1 phase - 2 pole		230V	Kw (A)	10 (32)
C-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole		230V	Kw (A)	15 (47)
te-5 squirrer cage motors, starting, switching on motors during running 5 phase - 5 pole		400V	Kw (A)	22 (40)
			Kw (A)	22 (40)
			Kw (A)	- 22 (52)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole		110V	Kw (A)	4 (45)
to a square case motors, starting, switching on motors during running 1 phase * 2 pole		230V	Kw (A)	7,5 (40)
		400V	Kw (A)	-
AC-4 Squirrel cage motors: starting, pluggign, inching		230V	Kw (A)	5,5 (17)
AC-4 Squirrei cage motors: starting, piuggign, incling		400V	Kw (A)	7,5 (17)
NC 15 Control of a a glastromagnetic loads				-
AC-15 Control of a.c electromagnetic loads		230V 400V	A	-
			A	
Rated breaking capability in AC-23A (cos φ=0,45)		230V 400V	A	464 432
hort circuit protection		4007	~	432
Rated short time withstand current		lcw	A	800
Rated short-circuit make capacity		lcm	A	2500
Rated short-circuit make capacity		-	kA	15
Vith fuses class gG		500V	A	63
Fechnical data UL/CSA		3007	A	03
Rated operating voltage		Ue	UL/CSA V	600/600
Seneral use current		le	UL/CSA A	85/63
		le		
hort circuit rating @600Vac			Arms A	-
use size (Class RK5, 600Vac, 200kA A.I.C.) Rated operating power			A	-
		1201/	Up (A)	7 5 (90)/
phase - 2 pole		120V	Hp (A)	7,5 (80)/-
Inhasa Dinala		240V	Hp (A)	10 (50)/-
phase - 3 pole		200V	Hp (A)	20 (62,1)/-
		240V	Hp (A)	20 (54)/-
		480V	Hp (A)	30 (40)/-
Aechanical characteristics		600V	Hp (A)	40 (41)/50
Aechanical life			Cycles x 10 <sup>6</sup>	1
		-	Cycles X 10 <sup>-</sup> Cycles/hr	120
connection according to IEC 9471-1 and EN 50947-1			Cycles/III	120
ionnection according to lec 94/1-1 and elv 5094/-1	With flexible wires	Min May	mm²	E 16
Unneuting capability	With flexible wires	Min-Max		6-16
	With or believes	Min-Max	AWG	10-6
	With solid wires	Min-Max	mm²	10-25
ionnection terminal screw dimensions			Туре	2xM5
crew tightening torque			Nm	2,8
Protection degree IEC 529 EN 60529				
erminals			IP	00
Ambient conditions				
Operating ambient temperature			°C	-25 ÷ +55
torage ambient temprature			°C	-30 ÷ +70
Vithstand to constant humid according to IEC 60068				2-78
Vithstand to cyclic humid according to IEC 60068				2-30

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