توجه فرمایید!

اطلاعات مندرج در صفحات بعدی متعلق به محصولات شرکت برماس ایتالیا پس از تغییرات ستادی در سال ۲۰۱۳ است.

هرچند تغییر چندانی در محصولات نشده است، اطلاعات فنی ممکن است تغییرات کوچکی داشته باشند.

دسترسی به فایلهای اطلاعات فنی پیش از سال ۲۰۱۳ محصولات شرکت برماس میسر نبود.







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ISO 9001 Certified Quality System

Cod. CA2000003PL4

Standard and Approvals

- Switch according to IEC/EN 60947-3
- Certified UL508
- Suitable as Manual Motor Controller







(Purely indicative image)



PL4

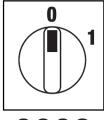
Technical characteristics: Body

- IP00 Protection degree
- Rated operational current le: 160A
- Rated thermal current Ith: 200A
- Rated insulation voltage Ui: 690V
- Rear Mounting
- Fixing with 4 screw at 30x90mm
- Switching angle: 60°
- Body in thermosetting material
- Assembled with metal shaft and threaded stud bolts to ensure maximum operating reliability
- Positive opening double break contacts, silver alloy made.

Technical characteristics: Knob

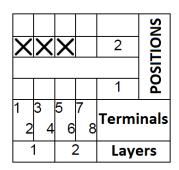
- Transparent plate 130x130mm and black knob
- · IP40 Protection degree
- · Fixing with 4 screws at 30x90mm

Positions

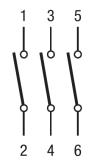


0003

Electrical diagram



Electrical function





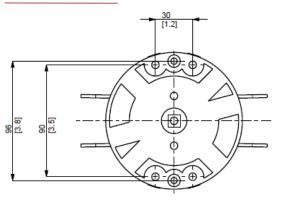
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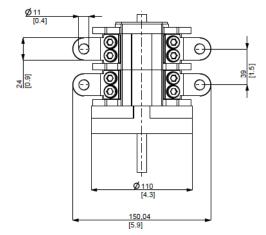
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Cod. CA2000003PL4

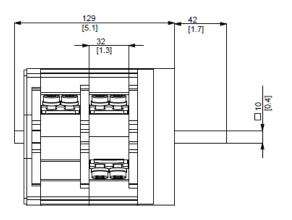
Dimensions

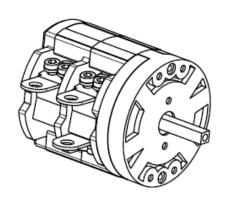




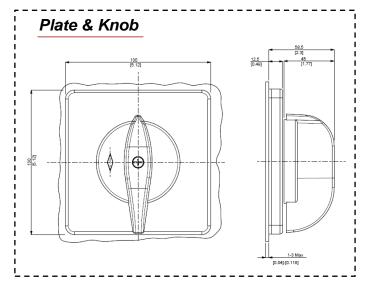
measures in mm (in)

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Brilling template 30 [1.18] 953 21 98 25 FISSAGGIO ANTERIORE FRONT MOUNTING





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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	200
ated thermal current for enclosed switch		Ithe	Α	160
ated operation frequency			Hz	50/60
ower dissipation for each pole			W	7
ated operating current				
C-21A Switching resistive loads, including moderate overloads		le	A	160 ⁵
C-22A Switching of mixed resistive and inductive loads, including moderate overloads		le	A	160
C-20A Connecting and disconnecting under no loads conditions		16		-
ated operating power		2201/	I/ (A)	40 (425)
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole		230V	Kw (A)	40 (125
		400V	Kw (A)	59 (106)
		500V	Kw (A)	75 (108)
		690V	Kw (A)	-
AC-23A Switching of motor loads or other highly inductive loads 1 phase - 2 pole AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole AC-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 3 pole		110V	Kw (A)	11 (125
		230V	Kw (A)	22 (120
		230V	Kw (A)	30 (95)
		400V	Kw (A)	45 (82)
		500V	Kw (A)	59 (85)
		690V	Kw (A)	-
		110V	Kw (A)	9 (102)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole				
		230V	Kw (A)	15 (82)
		400V	Kw (A)	-
AC-4 Squirrel cage motors: starting, pluggign, inching		230V	Kw (A)	-
		400V	Kw (A)	-
C-15 Control of a.c electromagnetic loads		230V	Α	-
		400V	Α	-
Rated breaking capability in AC-23A (cos φ=0,45)		230V	A	1000
		400V	A	848
hort circuit protection				
ated short time withstand current		lcw	A	2000
ated short-circuit make capacity		lcm	A	3000
ated conditional short-circuit current		-	kA	15
		500V		
Vith fuses class gG		3007	Α	200
echnical data UL/CSA				
ated operating voltage		Ue	UL/CSA V	600/-
eneral use current		le	UL/CSA A	240/-
nort circuit rating @600Vac			Arms	-
use size (Class RK5, 600Vac, 200kA A.I.C.)			Α	-
ated operating power				
phase - 2 pole		120V	Hp (A)	-
		240V	Hp (A)	-
3 phase - 3 pole		200V	Hp (A)	-
y prince of pole		240V	Hp (A)	-
		480V		
			Hp (A)	
landon de la de constandados		600V	Hp (A)	-
lechanical characteristics				
dechanical life			Cycles x 10 ⁶	0,1
			Cycles/hr	120
onnection according to IEC 9471-1 and EN 50947-1				
onnecting capability	With flexible wires	Min-Max	mm²	50-70 ¹
		Min-Max	AWG	1/0-2/0
	With solid wires	Min-Max	mm²	16-35
			Type	M10
onnection terminal screw dimensions				14110
				າວ
connection terminal screw dimensions Crew tightening torque			Nm	23
crew tightening torque rotection degree IEC 529 EN 60529			Nm	
crew tightening torque rotection degree IEC 529 EN 60529 erminals				00
crew tightening torque rotection degree IEC 529 EN 60529 erminals mbient conditions			Nm IP	00
rew tightening torque rotection degree IEC 529 EN 60529 erminals mbient conditions			Nm IP °C	00 -25 ÷ +5
crew tightening torque rotection degree IEC 529 EN 60529 erminals			Nm IP	00 -25 ÷ +5
crew tightening torque rotection degree IEC 529 EN 60529 erminals mbient conditions perating ambient temperature			Nm IP °C	

Note:

 $^{^{1}}$ = M10 bolt clamps with Nut

⁵ = a 500V