توجه فرماييد!

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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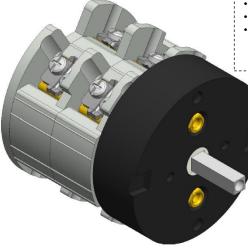
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ISO 9001 Certified Quality System

Cod. CA0630003PL3



(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

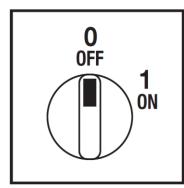
Technical characteristics: Body

- ON-OFF switch 3 pole
- IP00 Protection degree
- Rated operational current le: 75A (AC-21A)
- 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.

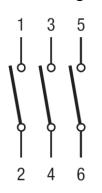
Technical characteristics: Knob

- Transparent plate 105x105mm and black knob
- Fixing with 2 screws at 40mm vertical
- IP 40 Protection degree

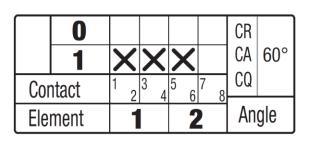
Positions



Electrical diagram



Electrical function



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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	80
Rated thermal current for enclosed switch		Ithe	А	80
Rated operation frequency			Hz	50/60
Power dissipation for each pole			W	2,5
Rated operating current				/-
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 ¹
AC-20A Connecting and disconnecting under no loads conditions				-
Rated operating power				
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole		230V	Kw (A)	18,5 (58)
AC-23A Switching of motor loads of other ringing inductive loads 3 priase - 3 pole	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)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole		230V	Kw (A)	10 (32)
		230V 230V	Kw (A)	10 (32)
		400V	KW (A)	22 (40)
		500V	KW (A) Kw (A)	22 (40)
		690V		- 22 (32)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 1 phase - 2 pole		110V	Kw (A)	
AC-3 Squirrei cage motors: starting, swticning oπ motors during running 1 phase - 2 pole		-	Kw (A)	4 (45)
		230V	Kw (A)	7,5 (40)
		400V	Kw (A)	
AC-4 Squirrel cage motors: starting, pluggign, inching		230V	Kw (A)	5,5 (17)
		400V	Kw (A)	7,5 (14)
AC-15 Control of a.c electromagnetic loads		230V	A	-
		400V	A	-
Rated breaking capability in AC-23A (cos φ=0,45)		230V	A	464
		400V	A	432
Short circuit protection		· · ·	<u> </u>	
Rated short time withstand current		lcw	A	800
Rated short-circuit make capacity		lcm	A	2500
Rated conditional short-circuit current		-	kA	15
With fuses class gG		500V	A	63
Technical data UL/CSA			111 /00 1 1/	
Rated operating voltage		Ue	UL/CSA V	600/600
General use current		le	UL/CSA A	85/63
Short circuit rating @600Vac			Arms	-
Fuse size (Class RK5, 600Vac, 200kA A.I.C.)			A	-
Rated operating power				() (
1 phase - 2 pole		120V	Hp (A)	7,5 (80)/-
		240V	Hp (A)	10 (50)/-
3 phase - 3 pole		200V	Hp (A)	20 (62,1)/-
		240V	Hp (A)	20 (54)/-
		480V	Hp (A)	30 (40)/-
		600V	Hp (A)	40 (41)/50
Mechanical characteristics			Cycles x 10 ⁶	1
Mechanical life			Cycles/hr	120
Mechanical life Connection according to IEC 9471-1 and EN 50947-1			Cycles/hr	
Nechanical life Connection according to IEC 9471-1 and EN 50947-1	With flexible wires	Min-Max		6-16
Nechanical life Connection according to IEC 9471-1 and EN 50947-1	With flexible wires	Min-Max Min-Max	Cycles/hr	
Vechanical life Connection according to IEC 9471-1 and EN 50947-1	With flexible wires With solid wires		Cycles/hr mm ²	6-16
Vechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability		Min-Max	Cycles/hr mm ² AWG	6-16 10-6
Vechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions		Min-Max	Cycles/hr mm ² AWG mm ²	6-16 10-6 10-25
Vechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque		Min-Max	Cycles/hr mm ² AWG mm ² Type	6-16 10-6 10-25 2xM5
Vechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque Protection degree IEC 529 EN 60529		Min-Max	Cycles/hr mm ² AWG mm ² Type	6-16 10-6 10-25 2xM5
Vechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque Protection degree IEC 529 EN 60529 Ferminals		Min-Max	Cycles/hr mm² AWG mm² Type Nm	6-16 10-6 10-25 2xM5 2,8
Vechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque Protection degree IEC 529 EN 60529 Ferminals Ambient conditions		Min-Max	Cycles/hr mm² AWG mm² Type Nm	6-16 10-6 10-25 2xM5 2,8
Mechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Ambient conditions Operating ambient temperature		Min-Max	Cycles/hr mm ² AWG mm ² Type Nm IP	6-16 10-6 10-25 2xM5 2,8 00
Mechanical life		Min-Max	Cycles/hr mm ² AWG mm ² Type Nm IP	6-16 10-6 10-25 2xM5 2,8 00 -25 ÷ +55

Notes: ¹ = at 500V

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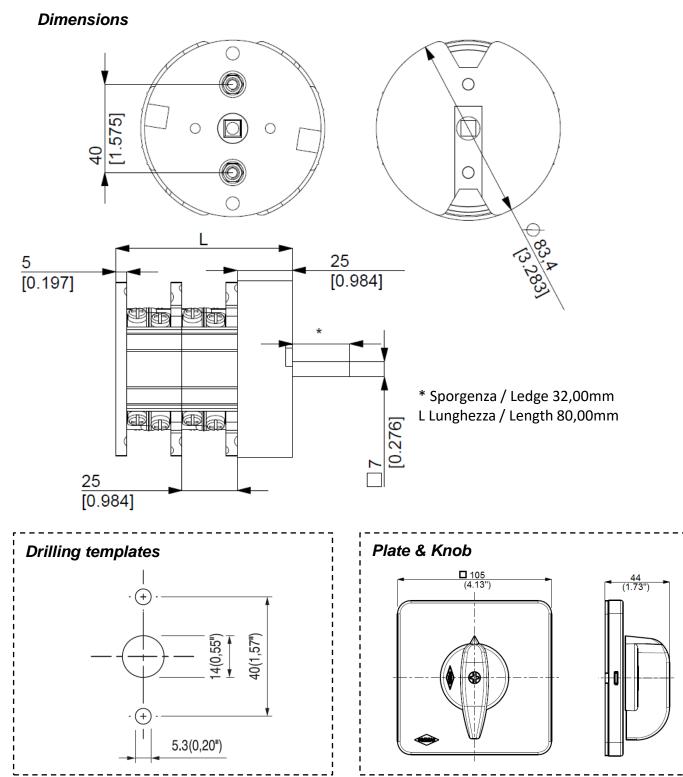
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measures in mm (in)



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