

Bremas Ersce SpA Via castellazzo 9 - 20040 Cambiago (MI)

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ISO 9001 Certified Quality System

Cod. SB0323B110AK6

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



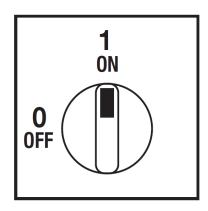




Technical characteristics

- ON-OFF 3P
- ABS double insulation thermoplastic enclosure
- Rated operational current In: 32A
- Rated thermal current Ith: 32A
- · Rating insulation voltage: 690V
- Positive opening double break contacts, silver alloy made
- Grey plate 48x48mm and black padlockable knob (max. 3 padlocks)
- Switching angle: 90°
- Cover interlock in "ON" position
- Front drive
- IP65 Protection degree
- Fixing enclosure: 4 screw at 80x98mm

Plate and position



Electrical scheme



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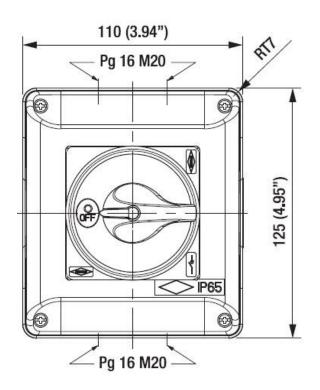
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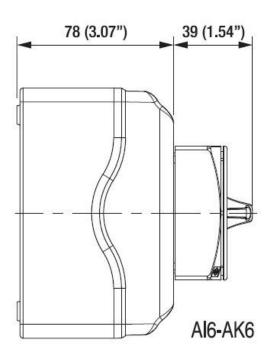
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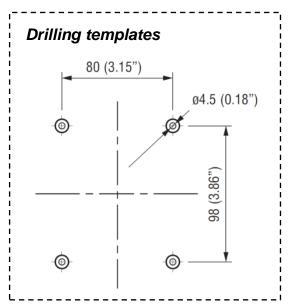
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measures in mm (in)

Dimensions









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Technical data IEC 947-3 EN 60947-3				
		Ui	V	800
lated insulation voltage		Ue		800
Rated operating voltage		Uimp	kV	8
Rated impulse withstand voltage		Ith	A	32
Rated thermal current for open switch		Ithe	A	32
Rated thermal current for enclosed switch		ittle	Hz	50/60
Rated operation frequency				· ·
Power dissipation for each pole			W	1,3
Rated operating current le		1-	•	22
AC-21A Switching resistive loads, including moderate overloads	690V	le	Α .	32
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads	690V	le	A	32
Rated operating power				
AC-23A Switching of motor loads or other highly inductive loads		400V	Kw (A)	11 (22)
		690V	Kw (A)	11 (16)
AC-3 Squirrel cage motors: starting, switching off motors during running		400V	Kw (A)	7,5 (14)
		690V	Kw (A)	7,5 (8)
Rated breaking capability in category AC-23A (cos φ=0,45)		400V	А	176
		690V	А	128
Short circuit protection				
Rated short time withstand current (1s)		lcw	Α	400
Rated short-circuit make capacity		Icm	Α	750
Rated conditional short-circuit current			kA	10
With fuses class gG		500V	А	32
Technical data UL/CSA (sec. UL508)				
General use voltage		Ue	V	600
General use current	600Vac	le	А	30
Rated operating power				
		120V	Hp/FLA	1,5 / -
phase - 2 pole		240V	Hp/FLA	3/-
		200V	Hp/FLA	-/-
3 phase - 3 pole		240V	Hp/FLA	7,5 / 22
		480V	Hp/FLA	15 / 21
		600V	Hp/FLA	20 / 22
Line protection fuses (DS size 1: Class RK5, 600Vac, 200kA A.I.C.), (DS size 2: Class J, 600Vac)			Α	30
Short Circuit Rating@600Vac			kA	5
			KA	3
Mechanical characteristics		0 .: 40 ⁶		0.00
Mechanical life (120 cycles/hour)		Operations x10 ⁶		0,03
Connecting capability with flexible wires		Min-Max	mm2	1,5 - 10
Connecting capability with solid wires		Min-Max	mm2	1,5 - 16
Connecting capability with flexible wires		Min-Max	AWG	16/08
Connecting capability with solid wires		Min-Max	AWG	16/06
Terminal screw				M4
Screw tightening torque			Nm	1,7
			lbf-in	12
Protection degree IEC 529 EN 60529				
Terminals				IP20
Handles				IP66
Ambient conditions				
Operational ambient temperature			°C	-25 ÷ +55
Storage ambient temperature			°C	-25 ÷ +55
Withstand to constant humid according to IEC 60068				sec. IEC 60068-2-78
Withstand to cycling humid according to IEC 60069				sec. IEC 60068-2-30

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