

 Bremas Ersce SpA

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ISO 9001 Certified Quality System

Cod. DS0323BAL6





Standard and Approvals

- Suitable as Manual Motor Controller
- Certified UL508 and CSA C22.2 No. 14-13
- Disconnect switch according to IEC/EN 60947-3

Technical characteristics: Body

- Disconnect switch 3P
- IP20 protection degree
- Rating operational current le: 32A
- · Rating thermal current Ith: 32A
- Rating insulation voltage: 690V
- Base Mounting
- Fixing: with screws
 - Din rail
- Switching angle: 90°
- Positive opening double break contacts, silver alloy made.
- Self-extinguishing class V2

Technical characteristics: Plate and knob

- Yellow plate 67x67mm and red padlockable knob (max. 3 padlocks)
- Protection degree IP66
- Fixing: 2 screw at 28mm vertical
 - 2 screw at 32mm horizontal

Electrical scheme

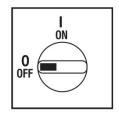


Plate and position

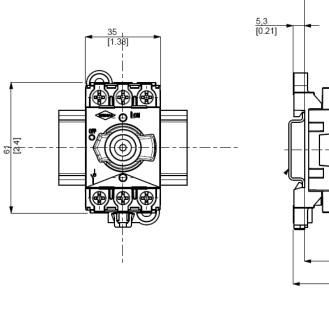
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- 2 SC

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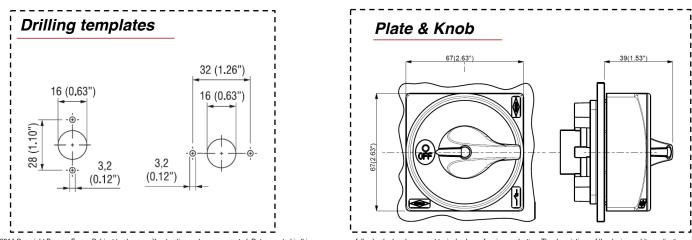
measures in mm (in)

Dimensions



	L		
	L min.	L max.	

L min.	L max.
92 [3.63]	227 [8.94]



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Technical data IEC 947-3 EN 60947-3			
Rated insulation voltage	Ui	V	800
Rated operating voltage	Ue	V	800
Rated impulse withstand voltage	Uimp	kV	8
Rated thermal current for open switch	Ith	А	32
Rated thermal current for enclosed switch	Ithe	А	32
Rated operation frequency		Hz	50/60
Power dissipation for each pole		W	1,3
Rated operating current le			
AC-21A Switching resistive loads, including moderate overloads 6	i90V le	А	32
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads 6	i90V le	А	32
Rated operating power			
	400V	Kw (A)	11 (22)
AC-23A Switching of motor loads or other highly inductive loads	690V	Kw (A)	11 (16)
	400V	Kw (A)	7,5 (14)
AC-3 Squirrel cage motors: starting, switching off motors during running	690V	Kw (A)	7,5 (8)
	400V	A	176
Rated breaking capability in category AC-23A (cos ϕ =0,45)	690V	A	128
Short circuit protection			
Rated short time withstand current (1s)	lcw	A	400
Rated short-circuit make capacity	Icm	A	750
Rated sholl children capacity	iciii	kA	10
	500V	A	32
With fuses class gG	5007	~	52
Technical data UL/CSA (sec. UL508)		v	600
General use voltage	Ue		600
	00Vac le	A	30
Rated operating power			
1 phase - 2 pole	120V	Hp/FLA	1,5 / -
	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)		A	30
Short Circuit Rating@600Vac		kA	5
Mechanical characteristics			
Mechanical life (120 cycles/hour)	Operations	x10 ⁶	0,03
Connecting capability with flexible wires	Min-Ma	nx mm2	1,5 - 10
Connecting capability with solid wires	Min-Ma	ax mm2	1,5 - 16
Connecting capability with flexible wires	Min-Ma	ax AWG	16/08
Connecting capability with solid wires	Min-Ma	ax 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
		c	sec. IEC 60068-2-78
Withstand to constant humid according to IEC 60068			
Withstand to cycling humid according to IEC 60069			sec. IEC 60068-2-30

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