

 Bremas Ersce SpA

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ISO 9001 Certified Quality System

Cod. DS0403GDY4L



Standard and Approvals

- Suitable as Manual Motor Controller
- Certified UL60947-4-1A and CAN/CSA C22.2 No. 60947-4-1-07
- Disconnect switch according to IEC/EN 60947-3

Technical characteristics: Body

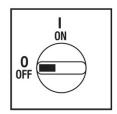
- ON-OFF 3 pole
- IP20 Protection degree
- Rated operational current In: 40A
- Rated thermal current Ith: 40A
- Rated insulation voltages Ui: 800V
- Rear Mounting
- Fixing at single hole ø22mm
- Switching angle: 90°
- Class V2 self-extinguishing thermoplastic housing
- Positive opening double break contacts, silver alloy made



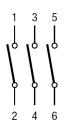
Technical characteristics: Plate and knob

- Yellow plate 48x48mm and red padlockable knob
- Protection degree IP66
- Fixing at single hole ø22mm

Plate and position



Electrical scheme



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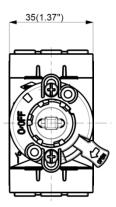
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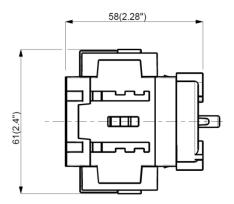
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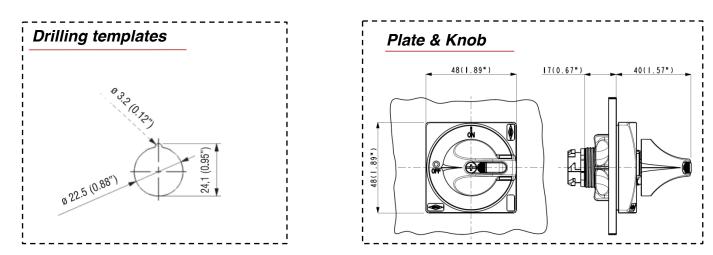
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measures in mm (in)

Dimensions







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Technical data IEC 947-3 EN 60947-3				1
Rated insulation voltage		Ui	V	800
tated operating voltage		Ue	V	800
Rated impulse withstand voltage		Uimp	kV	8
Rated thermal current for open switch		Ith	А	40
Rated thermal current for enclosed switch		Ithe	А	40
Rated operation frequency			Hz	50/60
Power dissipation for each pole			W	2,5
Rated operating current le				
AC-21A Switching resistive loads, including moderate overloads	690V	le	А	40
C-22A Switching of mixed resistive and inductive loads, including moderate overloads	690V	le	А	40
lated operating power				
AC-23A Switching of motor loads or other highly inductive loads		400V	Kw (A)	15 (28)
		690V	Kw (A)	15 (18)
		400V	Kw (A)	11 (21)
AC-3 Squirrel cage motors: starting, switching off motors during running		690V	Kw (A)	11 (12)
Rated breaking capability in category AC-23A (cos φ=0,45)		400V	A	228
		690V	А	144
ihort circuit protection				
Rated short time withstand current (1s)		lcw	A	500
Rated short-circuit make capacity		Icm	А	750
Rated conditional short-circuit current			kA	10
With fuses class gG		500V	А	40
Fechnical data UL/CSA (sec. UL508)				1
General use voltage		Ue	v	600
General use current	600Vac	le	А	40
Rated operating power				
		120V	Hp/FLA	-/-
L phase - 2 pole		240V	Hp/FLA	-/-
		200V	Hp/FLA	-/-
3 phase - 3 pole		240V	Hp/FLA	-/-
		480V	Hp/FLA	-/-
		600V	Hp/FLA	10/11
ine protection fuses (DS size 1: Class RK5, 600Vac, 200kA A.I.C.), (DS size 2: Class J, 600Vac)			A	40
short Circuit Rating@600Vac			kA	10
Vechanical characteristics				1
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 sold wires		Min-Max	AWG	16/08
		Min-Max	AWG	16/08
Connecting capability with solid wires		WIIITIVIAA	AWG	18/08
Ferminal screw			Nm	1,7
crew tightening torque			Ibf-in	1,7
Protection degree IEC 529 EN 60529				12
erminals				IP20
				IP66
landles				
Handles Ambient conditions			**	25 55
landles Ambient conditions Dperational ambient temperature			°C	-25 ÷ +55
landles Ambient conditions Dperational ambient temperature Itorage ambient temperature			°C °C	-25 ÷ +55
landles Ambient conditions Dperational ambient temperature				