ISO 9001 Certified Quality System

Cod. DS0323RRL6



Technical characteristics: Body

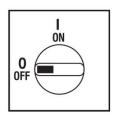
- · Switch disconnect 3 pole
- IP20 Protection degree
- Rated operational current le: 32A
- Rated thermal current Ith: 32A
- Rated insulation voltages Ui: 800V
- Rear Mounting
- · Fixing with 2 screw at 28mm vertical
- Switching angle: 90°
- Class V2 self-extinguishing thermoplastic housing
- Positive opening double break contacts



Technical characteristics: Plate and knob

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

Plate and position



Electrical scheme





Bremas Ersce SpA

Via castellazzo 9 - 20040 Cambiago (MI)

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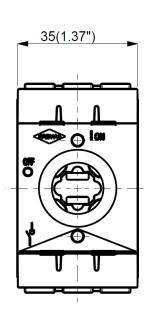
www.bremas.eu info@bremas.it

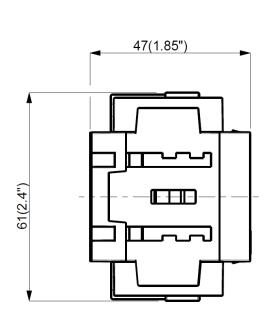
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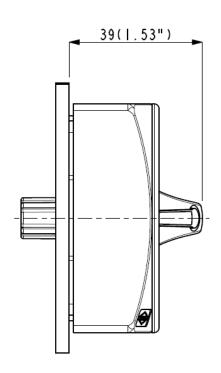
Cod. DS0323RRL6

Dimensions

measures in mm (in)

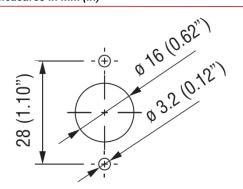






Drilling templates

measures in mm (in)





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				DS032
Technical data IEC 947-3 EN 60947-3				
Rated insulation voltage		Ui	V	800
Rated operational voltage		Ue	V	800
Rated impulse withstand voltage		Uimp	kV	8
Rated thermal current for open switch		Ith	Α	32
Rated thermal current for enclosed switch		Ithe	Α	32
Rated operational frequency			Hz	50/60
Power dissipation for each pole			W	1,3
Rated operational current			·	
AC-21A Switching resistive loads, including moderate overloads 3P/3P+N	690V	le	A	32
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads 3P/3P+N	690V	le	A	32
Rated operational power	0301	ic .		32
nated operational power		400V	Kw (A)	11 (22)
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole		690V	Kw (A)	11 (16)
		400V	KW (A)	
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole	_			7,5 (14)
		690V	Kw (A)	7,5 (8)
Rated breaking capability in AC-23A (cos φ=0,45)		400V	A	176
		690V	A	128
Short circuit protection				
Rated short time withstand current		lcw	A	400
Rated short-circuit make capacity		Icm	A	750
Rated conditional short-circuit current			kA	10
With fuses class gG		500V	A	32
Mechanical life (120 cycles/hour)		Mil.Man		
Connecting capability with flexible wires		Min-Max	mm2	1,5-10
Connecting capability with solid wires		Min-Max	mm2	1,5-16
Connection terminal screw dimensions				M4
Screw tightening torque			Nm	1,7
Technical data UL/CSA (sec. UL508)				
General use voltage		Ue	V	600
General use current	600Vac	le	Α	30
Rated operating power				
		120V	Hp/FLA	1,5/-
1 phase - 2 pole	_	120V 240V	Hp/FLA Hp/FLA	1,5/- 3/-
	_			
1 phase - 2 pole	_	240V	Hp/FLA Hp/FLA	3/-
		240V 200V 240V	Hp/FLA Hp/FLA Hp/FLA	3/- -/- 7,5/22
1 phase - 2 pole	_ _ _	240V 200V 240V 480V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA	3/- -/- 7,5/22 15/21
1 phase - 2 pole 3 phase - 3 pole	_	240V 200V 240V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA Hp/FLA	3/- -/- 7,5/22 15/21 20/22
1 phase - 2 pole 3 phase - 3 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.)	<u>-</u> - -	240V 200V 240V 480V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA Hp/FLA A	3//- 7,5/22 15/21 20/22 30
1 phase - 2 pole 3 phase - 3 pole		240V 200V 240V 480V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA Hp/FLA A	3//- 7,5/22 15/21 20/22 30 -
1 phase - 2 pole 3 phase - 3 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac	=	240V 200V 240V 480V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA Hp/FLA A	3//- 7,5/22 15/21 20/22 30 - 5
1 phase - 2 pole 3 phase - 3 pole Line protection fuses (Class RKS, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation	- - - -	240V 200V 240V 480V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA Hp/FLA A	3//- 7,5/22 15/21 20/22 30 -
1 phase - 2 pole 3 phase - 3 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics	- - -	240V 200V 240V 480V 600V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA Hp/FLA A A kA	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600)
1 phase - 2 pole 3 phase - 3 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires	-	240V 200V 240V 480V 600V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA Ap/FLA A A A A A A A A A A	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600)
1 phase - 2 pole 3 phase - 3 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires Connecting capability with solid wires		240V 200V 240V 480V 600V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA A A A kA AWG AWG	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600)
1 phase - 2 pole 3 phase - 3 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires Connecting capability with solid wires Screw tightening torque	-	240V 200V 240V 480V 600V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA Ap/FLA A A A A A A A A A A	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600)
1 phase - 2 pole 3 phase - 3 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires Connecting capability with solid wires Screw tightening torque Protection degree IEC 529 EN 60529		240V 200V 240V 480V 600V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA A A A kA AWG AWG	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600) 16/08 16/06
1 phase - 2 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires Connecting capability with solid wires Screw tightening torque Protection degree IEC 529 EN 60529 Terminals	_	240V 200V 240V 480V 600V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA A A A kA AWG AWG	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600) 16/08 16/06 12
1 phase - 2 pole I phase - 2 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires Connecting capability with solid wires Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Handles	_	240V 200V 240V 480V 600V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA A A A kA AWG AWG	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600) 16/08 16/06
1 phase - 2 pole I phase - 2 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires Connecting capability with solid wires Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Handles Ambient conditions	_	240V 200V 240V 480V 600V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA A A kA AWG AWG ib.in	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600) 16/08 16/06 12 IP20 IP66
1 phase - 2 pole I phase - 2 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires Connecting capability with solid wires Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Handles Ambient conditions Operational ambient temperature		240V 200V 240V 480V 600V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA A A kA AWG AWG ib.in	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600) 16/08 16/06 12 IP20 IP66
1 phase - 2 pole I phase - 3 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires Connecting capability with solid wires Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Handles Ambient conditions Operational ambient temperature Storage ambient temperature	_	240V 200V 240V 480V 600V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA A A kA AWG AWG ib.in	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600) 16/08 16/06 12 IP20 IP66
1 phase - 2 pole I phase - 2 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires Connecting capability with solid wires Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Handles Ambient conditions Operational ambient temperature Storage ambient temperature Withstand to constant humid according to IEC 60068	_	240V 200V 240V 480V 600V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA A A kA AWG AWG ib.in	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600) 16/08 16/06 12 IP20 IP66 -25 ÷ +55 -25 ÷ +55 sec. IEC 60068-2-78
1 phase - 2 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires Connecting capability with solid wires Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Handles Ambient conditions Operational ambient temperature Storage ambient temperature Withstand to constant humid according to IEC 60068 Withstand to cycling humid according to IEC 60069	_	240V 200V 240V 480V 600V	Hp/FLA Hp/FLA Hp/FLA Hp/FLA A A kA AWG AWG ib.in	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600) 16/08 16/06 12 IP20 IP66 -25 ÷ +55 -25 ÷ +55 sec. IEC 60068-2-78 sec. IEC 60068-2-30
1 phase - 2 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires Connecting capability with solid wires Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Handles Ambient conditions Operational ambient temperature Storage ambient temperature Withstand to constant humid according to IEC 60068 Withstand to cycling humid according to IEC 60069 Auxiliary contacts		240V 200V 240V 480V 600V Min-Max Min-Max	Hp/FLA Hp/FLA Hp/FLA Hp/FLA Hp/FLA A A A KA AWG AWG ib.in	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600) 16/08 16/06 12 IP20 IP66 -25 ÷ +55 -25 ÷ +55 sec. IEC 60068-2-78 sec. IEC 60068-2-30 DSC040N0_DSC040NC_
1 phase - 2 pole 3 phase - 3 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires Connecting capability with solid wires Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Handles Ambient conditions Operational ambient temperature Storage ambient temperature Withstand to constant humid according to IEC 60068 Withstand to cycling humid according to IEC 60069 Auxiliary contacts Rated insulation voltage		240V 200V 240V 480V 600V Min-Max Min-Max	Hp/FLA Hp/FLA Hp/FLA Hp/FLA A A A kA AWG AWG ib.in	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600) 16/08 16/06 12 IP20 IP66 -25 ÷ +55 -25 ÷ +55 sec. IEC 60068-2-78 sec. IEC 60068-2-30 DSC040N0_DSC040NC_
1 phase - 2 pole Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.) Short Circuit Rating@600Vac Auxiliary contacts designation Mechanical characteristics Connecting capability with flexible wires Connecting capability with solid wires Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Handles Ambient conditions Operational ambient temperature Storage ambient temperature Withstand to constant humid according to IEC 60068 Withstand to cycling humid according to IEC 60069 Auxiliary contacts	_	240V 200V 240V 480V 600V Min-Max Min-Max	Hp/FLA Hp/FLA Hp/FLA Hp/FLA Hp/FLA A A A KA AWG AWG ib.in	3//- 7,5/22 15/21 20/22 30 - 5 AC Voltage, "Heavy Pilot Duty" (A600) 16/08 16/06 12 IP20 IP66 -25 ÷ +55 -25 ÷ +55 sec. IEC 60068-2-78 sec. IEC 60068-2-30 DSC040N0_DSC040NC_

Standard

IEC/EN 60947-3; UL508

Approvals



