

Bremas Ersce SpA

Via castellazzo 9 – 20040 Cambiago (MI)
Tel +39 02 95651611 Fax +39 02 95651639

ISO 9001 Certified Quality System

Cod. DS0403BFCD



(purely indicative photo)

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
- CCC certified



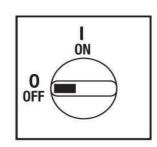




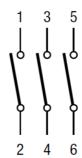
Technical characteristics: Body

- ON-OFF 3 pole
- IP20 protection degree
- · Rating operational current: 40A
- · Rating thermal current: 40A
- Rating insulation voltage: 800V
- Base mounting Direct Operation
- Fixing: 2 screws
 - DIN rail
- Switching angle: 90°
- Class V2 self-extinguishing thermoplastic housing
- Positive opening double break contacts, silver alloy made

Plate and position



Electrical scheme





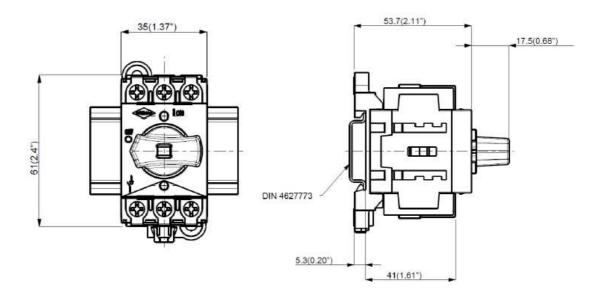
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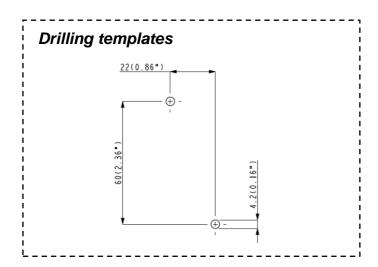
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Dimensions

measures in mm (in)





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Disconnector switches DS Series - Datasheet



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Technical data EC 947-3 EN60947-3				
Rated insulation voltage		Ui	V	800
Rated operational voltage		Ue	V	800
Rated impulse withstandvoltage		Uimp	kV	8
Rated thermal current foropen switch		Ith	Α	40
Rated thermal current for enclosed switch		Ithe	Α	40
Rated operational frequency			Hz	50/60
Power dissipation for each pole			W	2,5
Rated operational current				_,-
AC-21A Switching resistive loads, including moderate overloads 3P/3P+N	690V	le	Α	40
AC-22A Switching of mixed resistive and inductive loads, including moderate overloads 3P/3P+N	690V	le	A	40
Rated operational power	0001	10		40
AC-23A Switching of motor loads or other highly inductive loads 3 phase - 3 pole		400V	Kw (A)	15 (28)
	_	690V	Kw (A)	15 (18)
		400V	` '	11 (21)
AC-3 Squirrel cage motors: starting, swtiching off motors during running 3 phase - 3 pole	_		Kw (A)	
		690V	Kw (A)	11 (12)
Rated breaking capability in AC-23A (cos \$\phi=0,45)	_	400V	A	228
		690V	A	144
Short circuit protection				
Rated short time withstand current		lcw	Α	500
Rated short-circuit make capacity		Icm	Α	750
Rated conditional short-circuit current			kA	10
With fuses classgG		500V	Α	40
Mechanical life (120 cycles/hour)		Mil.Man		
Connecting capability with flexiblewires		Min-Max	mm2	1,5-10
Connecting capability with solidwires		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	40
Rated operating power				· · · · · · · · · · · · · · · · · · ·
1 phase - 2 pole		120V	Hp/FLA	-
	_	240V	Hp/FLA	-
		200V	Hp/FLA	_
3 phase - 3 pole	_	240V	Hp/FLA	-
	_	480V	Hp/FLA	<u>=</u>
	_	600V	Hp/FLA	10/11
Line protection from (Class DI/E COO) (as 2001/A A LC)		600 V		40
Line protection fuses (Class RK5, 600Vac, 200kA A.I.C.)			A	- 40
Short Circuit Rating@600Vac			A	
			kA	5
Auxiliary contacts designation				AC Voltage, "Heavy Pilot Duty" (A600
Mechanical characteristics				
Connecting capability with flexiblewires		Min-Max	AWG	16/08
Connecting capability with solidwires		Min-Max	AWG	16/06
Screw tightening torque			ib.in	12
Protection degree IEC529 EN60529				
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
Auxiliary contacts				DSC040N0 DSC040NC
Rated insulation voltage		Ui	V	800
Rated thermal current for open switch			Ā	10
1 Janon oponomion		חזו		
AC-15 Control of a.c electromagneticloads		Ith 230V	A	3