SIEMENS

Product data sheet

CIRCUIT-BREAKER SZ S00, FOR MOTOR PROTECTION, CLASS 10, A-RELEASE 2.8...4A, N-RELEASE 52A, SCREW CONNECTION,

General technical data:		
Product brand name		SIRIUS
Product designation	-	3RV2 circuit breaker
Size of the circuit-breaker		S00
Trip class		CLASS 10
Protection class IP / frontal/front side		IP20
Degree of pollution	_	3
Altitude of installation site / at a height over sea level / maximum	m	2,000
Ambient temperature		
during storage	°C	-50 80
 during the operating phase 	°C	-20 60
during transport	°C	-50 80
Resistance against shock	_	25g / 11 ms
Impulse voltage resistance / rated value	kV	6
Insulation voltage / rated value	V	690
Real loss power / total / typical	W	6
Item designation		
 according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 		F
according to DIN EN 61346-2		F
Mechanical switching cycle as operating period		
of the main contacts / typical		100,000
of the auxiliary contacts / typical	_	100,000
Type of the driving mechanism / Motor drive	_	No
design of the operating mechanism	_	selector switch
Product function		
Overload protection		Yes
Short-circuit to earth recognition		No
Phase disturbance recognition		Yes
Product component		
auxiliary switch		No

Undervoltage release mechanism		No
trip indicator		No
Product extension / optional / Motor drive		No
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Main circuit:		
Number of poles / for main current circuit	_	3
Operating voltage / at 3 AC / rated value / maximum	V	690
Operating current / at AC-3 / at 400 V / rated value	А	3.6
Service power / at AC-3		
• at 400 V / rated value	W	1,500
• at 500 V / rated value	W	2,200
• at 690 V / rated value	W	3,000
Switching frequency / at AC-3 / according to IEC 60947-6-2 / maximum	1/h	15
Arrangement of electrical connectors / for main current circuit		Top and bottom
Adjustable response current		
• of the current-dependent overload release	А	2.8 4
Service power / at AC-3 / at 230 V / rated value	W	750
Continuous current / rated value	А	4
Auxiliary circuit:		
Product extension / auxiliary switch		Yes
Number of NC contacts / for auxiliary contacts / instantaneous switching		0
Number of NO contacts / for auxiliary contacts / instantaneous switching		0
Number of change-over switches / for auxiliary contact		0
Inputs/ Outputs:		
Number of digital inputs		0
Short-circuit:		
Breaking capacity limit short-circuit current (lcu)		
• at 400 V / rated value	А	100,000
• at 500 V / rated value	А	100,000
• at 690 V / rated value	А	6,000
Design of the overcurrent release and short-circuit release		thermomagnetic
Installation/mounting/dimensions:		
built in orientation		any
Type of fixing/fixation	_	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715
Width	mm	45

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Further information:

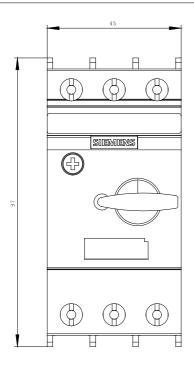
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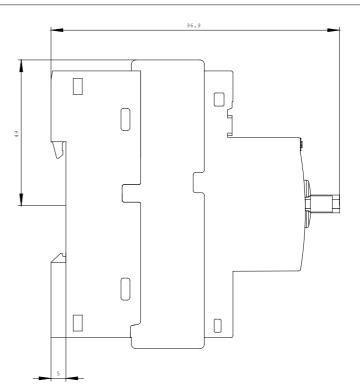
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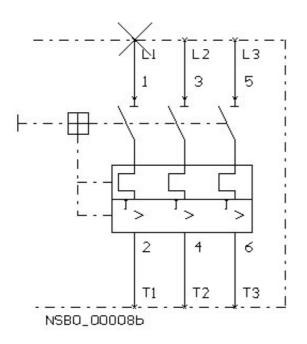
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RV2011-1EA10/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RV2011-1EA10







last change:

Apr 26, 2010