SIEMENS

Product data sheet 3RV1011-1DA10



CIRCUIT-BREAKER SIZE S00, FOR MOTOR PROTECTION, CLASS 10, A-REL.2.2...3.2A, N-REL. 42A, SCREW TERMINAL, STANDARD SWITCHING CAPACITY

General technical data:			
product brand name		SIRIUS	
Product designation		circuit breaker	
Size of the circuit-breaker		S00	
Number of poles / for main current circuit		3	
Product function			
 removable terminal for auxiliary and control circuit 		No	
overload protection		Yes	
phase disturbance recognition		Yes	
short-circuit to earth recognition		No	
Product component			
auxiliary switch		No	
undervoltage release mechanism		No	
trip indicator		No	
Product extension			
auxiliary switch		Yes	
optional / motor drive		No	
Impulse voltage resistance / rated value	V	6,000	
Protection class IP / on the front		IP20	
Protection against electrical shock		finger-safe	

Installation altitude / at a height over sea level / maximum Mesistance against shook Ambient temperature • during storage • during storage • during operating • Active power loss / total / typical Main circuit: Operating voltage / rated value Service power / at AC-3 / at 400 V / rated value We fend for maximum for the main contacts / for auxillary contacts Protection function: Trip class Adjustable response current / of the current-dependent overload release Installation/mounting/dimensions: Mounting type mounting position Protections: Connections: Arrangement of electrical connectors / for main current circuit • for main current circuit • for main current circuit • for main current circuit • very earling and control current circuit • very earling and control current circuit • very earling voltage / for processing • vith conductor erip processing • vith conducto			
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- during stranger - during strange - during operating operat	Resistance against shock		25g / 11 ms
- during storage - during operating - during operating - c - 20 +80 - c - 20 +60 -	Ambient temperature		
* during operating CC **20 +60 Active power loss / total / typical W 6 Main circuit: Operating voltage / rated value V 690 Service power / at AC-3 / at 400 V / rated value RW 1.1 Operating current / at AC-3 / at 400 V / rated value A 3.2 Mechanical operating cycles as operating time / of the main contacts / typical Frequency of operation / with AC-3 / maximum I/h 15 Auxiliary circuit: Number of changeover contacts / for auxiliary contacts Operating current / of the current-dependent overload release Installation/mounting/dimensions: Mounting type Screw and snap-on mounting onto 35 mm standard mounting position and mounting rail according to DIN EN 50022 mounting position Popth mm 81 Height mm 90 Width mm 45 Connections: Arrangement of electrical connectors / for main current circuit from an current circuit or main current circuit screw-type terminals **Connections of the electrical connectors of the current circuit screw-type terminals **Connectable conductor cross-section** **For auxiliary and control current circuit screw-type terminals **For auxiliary and control current circuit **For auxiliary and control current circuit **For main current circuit **For auxiliary and control current circuit **For main contacts **Connectable conductor cross-section **For main contacts **For main contacts **For main contacts **For main contacts *	during transport	°C	-50 +80
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Operating voltage / rated value V 690 Service power / at AC-3 / at 400 V / rated value kW 1.1 Operating current / at AC-3 / at 400 V / rated value A 3.2 Mechanical operating cycles as operating time / of the main contacts / typical 100,000 Frequency of operation / with AC-3 / maximum 1/h 15 Auxiliary circuits: Number of changeover contacts / for auxiliary contacts 0 Protection function: Trip class CLASS 10 Adjustable response current / of the current-dependent overload release A 2.2 3.2 Installation/mounting/dimensions: Mounting type Screw and snap-on mounting onto 35 mm standard mounting position Depth mm 81 Height mm 81 Height mm 81 Height mm 81 Connections: Arrangement of electrical connectors / for main current circuit front side Connections • formain current circuit front side Prop of the electrical connection • formain cur	Active power loss / total / typical	W	6
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Protection function: Trip class Adjustable response current / of the current-dependent overload release Installation/mounting/dimensions: Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 mounting position pepth mm 81 Height mm 90 Width Connections: Arrangement of electrical connectors / for main current circuit Design of the electrical connection • for main current circuit • for auxiliary and control current circuit Type of the connectable conductor cross-section • for main contacts • solid • finely stranded • with conductor end processing CLASS 10 A 2.2 3.2 CLASS 10 A 2.2 3.2 Screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 any 81 81 81 81 90 81 81 90 81 81 82 84 85 86 86 86 87 87 88 88 88 88 89 80 80 80 80 80	Auxiliary circuit:		
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Connections: Arrangement of electrical connectors / for main current circuit Design of the electrical connection • for main current circuit • for auxiliary and control current circuit Type of the connectable conductor cross-section • for main contacts • solid • finely stranded • with conductor end processing Connections front side screw-type terminals screw-type terminals 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	Height	mm	90
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Design of the electrical connection • for main current circuit • for auxiliary and control current circuit Type of the connectable conductor cross-section • for main contacts • solid • finely stranded • with conductor end processing Screw-type terminals 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	Connections:		
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• finely stranded • with conductor end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	• for main contacts		
• with conductor end processing 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)	• solid		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
	• finely stranded		
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. (• stranded		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)

Certificates/approvals:

General Product Approval





Test Certificates

Special Test Certificate

Shipping Approval













Shipping Approval





other

Confirmation

Declaration of Conformity

other

 $\frac{\text{Environmental}}{\text{Confirmations}}$

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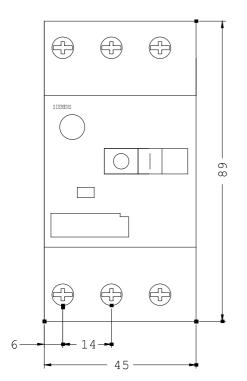
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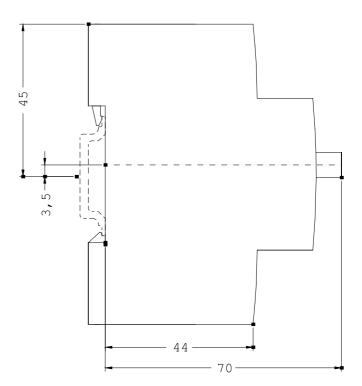
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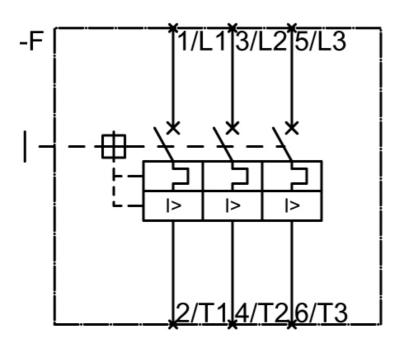
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 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ ...)$

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