SIEMENS

Data sheet

3RA2220-1GD24-0BB4



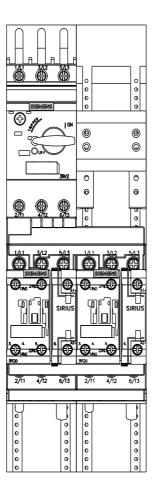
Load feeder fuseless, Reversing duty 400 V AC, Size S0 4.50...6.30 A 24 V DC screw terminal for 60 mm busbar systems (also fulfills type of coordination 1) Type of coordination 2, Iq = 150 kA 1 NO+1 NC (contactor)

product brand name	SIRIUS	
product designation	Reversing starter	
design of the product	for 60 mm busbars	
product type designation	3RA22	
manufacturer's article number		
 of the supplied contactor 	<u>3RT2024-1BB40</u>	
 of the supplied circuit-breakers 	<u>3RV2011-1GA10</u>	
 of the supplied RS assembly kit 	8US1250-5AT10	
 of the supplied busbar adapter 	<u>8US1251-5NT10</u>	
 of the supplied link module 	<u>3RA2921-1BA00</u>	
General technical data		
size of the circuit-breaker	S00	
size of load feeder	SO	
insulation voltage with degree of pollution 3 at AC rated value	690 V	
surge voltage resistance rated value	6 kV	
degree of protection NEMA rating	other	
shock resistance according to IEC 60068-2-27	6g / 11 ms	
mechanical service life (switching cycles) of contactor typical	10 000 000	
type of assignment	2	
type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD	
certificate of suitability according to ATEX directive 2014/34/EU	DMT 02 ATEX F 001	
Substance Prohibitance (Date)	10/01/2009	
Ambient conditions		
ambient temperature		
during operation	-20 +60 °C	
 during storage 	-50 +80 °C	
during transport	-50 +80 °C	
temperature compensation	-20 +60 °C	
relative humidity during operation	10 95 %	
Main circuit		
number of poles for main current circuit	3	
design of the switching contact	electromechanical	
adjustable current response value current of the current-dependent overload release	4.5 6.3 A	
operating voltage		
● rated value	690 V	

• encode the value is maintain 00 * 0 operating frequency rated value 60 * 00 Hz operating frequency rated value 48 A operating frequency rated value 2200 W out 400 V rated value 2200 W out 400 V rated value 2200 W out 400 V rated value 240 V • rated value 24 V • rated value 24 - 24 V • rated value 25 - 90 W Auxiliary science 48 A Vieto chance 100 To 2-pisse AC motor • at 420 V rated value 1 hp • at 420/230 V rated value 1 hp • at 420/230 V rated value 3 hp • at 420/230 V rated value 3 hp • at 420/230 V rated value 3 hp	 at AC-3 rated value maximum 	690 V
generational current if AC-3 at 400 V rated value 4.9.A generating power AR-C3 2.200 W Control circuit/ Control Yes Vige of voltage of the control supply voltage DC control supply voltage at DC 2.4.V • rated value 2.5.9.W Product catenation auxiliary switch Yes Productive and monitoring functions thermal (bimetallic) UL/CSA vraited 4.8.A Vided mechanical performance (Ipp) • • or 3-pase AC motor 1.5 hp - at 450/080 V rated value 3 hp Short-Circuit protection Yes mounting position Yes design of the cortical performance (Ipp) etcal 400.V according to EC 6047.4-1 rated value Short-Circuit protection Yes mounting position vertical <td></td> <td></td>		
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• e1 400 V rated value 2 200 W Control Supply voltage of the control supply voltage DC • rated value 2 4 V • rated value 2 4 - 24 V • Index value 5 9 W Auxiliary circuit Product extension auxiliary witch Yes • Index value 1 AB A • Index value 4 8 A • Ind -300 Current (FLA) for 3-phase AC motor - 1 B A • Ind -480 V rated value 1 hp at 220230 V rated value 1 hp at 220230 V rated value 5 hp • at 575600 V rated value 5 hp Short-circuit protection Yes magnetic Conditional bort-circuit urrent (Iq) • at 400 V according to IEC 6097-4 1 rated value 150 000 A • Instalation/mathing/ dimensions Vertical • For snapping onto 60 mm busbar systems Index value • Index variation 90 mm • desting 00	•	1.07
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	— at 220/230 V rated value	1.5 hp
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Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RA2220-1GD24-0BB4/char Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2220-1GD24-0BB4&objecttype=14&gridview=view1



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