SIEMENS

Data sheet

3RA2210-0GA15-2AP0



Load feeder fuseless, Reversing duty 400 V AC, Size S00 0.45...0.63 A 230 V AC screw terminal for installation on standard mounting rail (also fulfills type of coordination 1) Type of coordination 2, Iq = 150 kA 1 NC (contactor)

product designation Reversing starter design of the product for standard rail or screw mounting product type designation 3RA22 manufacturer's article number 3RT2015-1AP02 • of the supplied circuit-breakers 3RY2011-0GA10 • of the circuit-breaker S00 size of the circuit-breaker S00 size of the circuit-breaker S00 size of load feeder S00 isulation voltage with degree of pollution 3 at AC rated value 6 kV degree of protection NEMA rating other shock resistance according to IEC 6008-2-27 6g / 11 ms mechanical service life (switching cycles) of contactor 30 000 000 type of assignment 2 type of protection according to ATEX directive Z011/3/4/EU certificate of suitability according to ATEX directive DMT 02 ATEX F 001 Substance Prohibitance (Date) 10/01/2009 Ambient conditions -20 +60 °C e during operation -20 +60 °C • during transport -50 +80 °C • during transport -50 +60 °C • during trans	needuct brand name	SIRIUS
design of the product for standard rail or screw mounting product type designation 3RA22 manufacture's article number 3R12015-1AP02 • of the supplied circuit-breakers 3RV2011-0GA10 • of the supplied circuit-breakers 3RV2011-0GA10 • of the supplied circuit-breaker S00 size of the circuit-breaker S00 size of the defeet S00 insulation voltage with degree of pollution 3 at AC 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 30 000 000 type of assignment 2 type of assignment 2 value DMT 02 ATEX F 001 Substance Prohibitance (Date) 10/01/2009 Amblent conditions -20 +60 °C ambignt temperature -50 +60 °C • during stranger -50 +60 °C • during transport -20 +60 °C temperature compensation -20 +60 °C • during transport -50 +60 °C temperature compensation -20 +60 °C </th <td>product brand name</td> <td></td>	product brand name	
product type designation 3RA22 manufacturer's article number 3RT2015-1AP02 • of the supplied contactor 3RT2015-1AP02 • of the supplied circuit-breakers 3RV2011-0GA10 • of the supplied link module 3RA1921-1DA00 Genoral technical data 500 size of the circuit-breaker 500 insulation voltage with degree of pollution 3 at AC rated value 6 kV degree of protection NEMA rating other shock resistance according to EEC 60068-2-27 6g / 11 ms mechanical service life (switching cycles) of contactor typical 30 000 000 type of protection according to ATEX directive 2 type of protection according to ATEX directive DMT 02 ATEX F 001 2014/34/EU DMT 02 ATEX F 001 Substance Prohibitance (Date) 10/01/2009 Ambient conditions -20 +60 °C ambient temperature -50 +80 °C • during operation -20 +60 °C • during transport -50 +80 °C • during transport -50 +80 °C • during transport -50 +80 °C • during transport -20 +60 °C relati		, , , , , , , , , , , , , , , , , , ,
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mechanical service life (switching cycles) of contactor 30 000 000 type of assignment 2 type of protection according to ATEX directive Ex II (2) GD 2014/34/EU DMT 02 ATEX F 001 certificate of suitability according to ATEX directive DMT 02 ATEX F 001 2014/34/EU 10/01/2009 Substance Prohibitance (Date) 10/01/2009 Ambient conditions -20 +60 °C e during operation -20 +60 °C e during storage -50 +80 °C e during transport -20 +60 °C relative humidity during operation -20 +60 °C Main circuit 10 95 %	degree of protection NEMA rating	other
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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 -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -20 +60 °C mperature compensation -20 +60 °C Main circuit 10 95 %		30 000 000
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• during transport -50 +80 °C temperature compensation -20 +60 °C relative humidity during operation 10 95 % Main circuit	 during operation 	-20 +60 °C
temperature compensation -20 +60 °C relative humidity during operation 10 95 % Main circuit	 during storage 	-50 +80 °C
relative humidity during operation 10 95 % Main circuit 10 95 %	during transport	-50 +80 °C
Main circuit	temperature compensation	-20 +60 °C
	relative humidity during operation	10 95 %
number of poles for main current circuit 3	Main circuit	
	number of poles for main current circuit	3
design of the switching contact electromechanical	design of the switching contact	electromechanical
adjustable current response value current of the current-dependent overload release0.45 0.63 A		0.45 0.63 A
operating voltage	operating voltage	
• rated value 690 V	 rated value 	690 V
• at AC-3 rated value maximum 690 V	 at AC-3 rated value maximum 	690 V
operating frequency rated value 50 60 Hz	operating frequency rated value	50 60 Hz

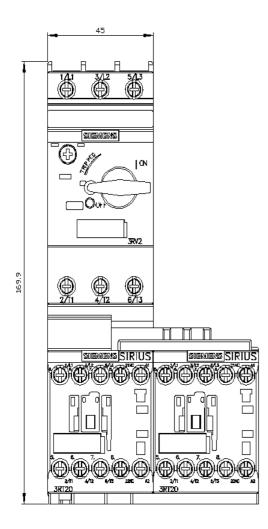
operational current at AC-3 at 400 V rated value	0.6 A
operating power at AC-3	
at 400 V rated value	180 W
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
 at 50 Hz rated value 	230 V
 at 50 Hz rated value 	230 230 V
 at 60 Hz rated value 	230 V
• at 60 Hz rated value	230 230 V
apparent holding power of magnet coil at AC	4.2 VA
Auxiliary circuit	
product extension auxiliary switch	Yes
Protective and monitoring functions	
trip class	CLASS 10
design of the overload release	thermal (bimetallic)
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
 at 480 V rated value 	0.63 A
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
conditional short-circuit current (lq)	
 at 400 V according to IEC 60947-4-1 rated value 	150 000 A
Installation/ mounting/ dimensions	
mounting position	vertical
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail
height	170 mm
width	90 mm
depth	97 mm
required spacing	
 for grounded parts 	
— forwards	32 mm
— backwards	0 mm
— upwards	50 mm
— at the side	10 mm
— downwards	10 mm
 for live parts 	
— forwards	32 mm
— backwards	0 mm
— upwards	50 mm
— downwards	10 mm
— at the side	10 mm
Connections/ Terminals	
type of electrical connection	
 for main current circuit 	screw-type terminals
 for auxiliary and control circuit 	screw-type terminals
Safety related data	
B10 value with high demand rate according to SN 31920	1 000 000
proportion of dangerous failures	
 with high demand rate according to SN 31920 	73 %
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Communication/ Protocol	
protocol is supported	
PROFINET IO protocol	No
PROFIsafe protocol	No
protocol is supported AS-Interface protocol	No
Certificates/ approvals	

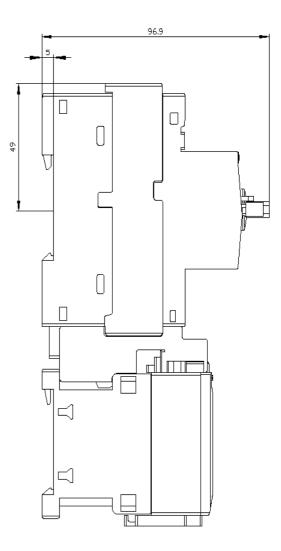
General Product Ap	proval			For use in hazard- ous locations	Declaration of Conformity		
	<u>Confirmation</u>		EAC	K ATEX	UK CA		
Declaration of Conformity	Test Certificates		Marine / Shipping				
EG-Konf. Type Test Certific- ates/Test Report Special Test Certific- ate Image: Certific- ate							
Marine / Shipping				other	Railway		
Image: PRS Image: Confirmation Vibration and Shock							
Further information Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2210-0GA15-2AP0 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2210-0GA15-2AP0 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0GA15-2AP0							

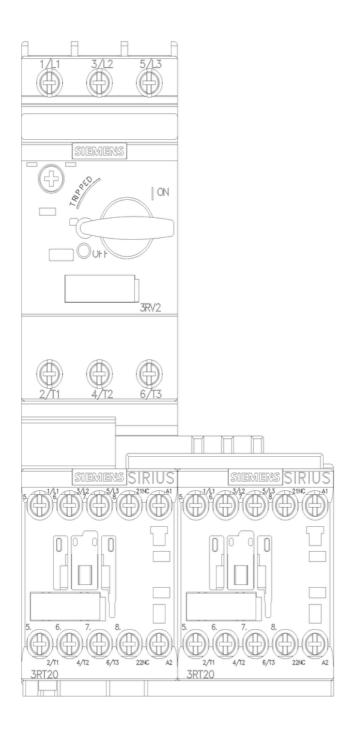
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2210-0GA15-2AP0&lang=en Characteristic: Tripping characteristics, I²t, Let-through current

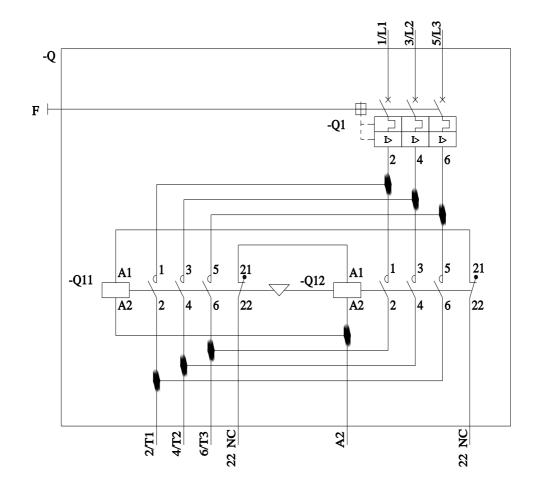
https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0GA15-2AP0/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2210-0GA15-2AP0&objecttype=14&gridview=view1









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