## SIEMENS

## Data sheet

## 3RA2210-0DD15-2BB4



Load feeder fuseless, Reversing duty 400 V AC, Size S00 0.22...0.32 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 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	
<ul> <li>of the supplied contactor</li> </ul>	<u>3RT2015-1BB42</u>
<ul> <li>of the supplied circuit-breakers</li> </ul>	<u>3RV2011-0DA10</u>
<ul> <li>of the supplied RS assembly kit</li> </ul>	<u>3RA2913-1DB1</u>
<ul> <li>of the supplied link module</li> </ul>	<u>3RA1921-1DA00</u>
General technical data	
size of the circuit-breaker	S00
size of load feeder	S00
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state per pole</li> </ul>	2 W
<ul> <li>without load current share typical</li> </ul>	4 W
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 (operating cycles) of contactor typical	30 000 000
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
reference code according to IEC 81346-2:2019	Q
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	0.22 0.32 A
operating voltage	
• rated value	690 V
<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V

••••••••••••••••••••••••••••••••••••		
operational current         0.52 A           • at AC-3 at 400 V rated value         0.52 A           • at AC-3 at 400 V rated value         0.52 A           • at AC-3 at 400 V rated value         0.52 A           • at AC-3 at 400 V rated value         0.52 A           • at AC-3 at 400 V rated value         0.52 A           • at AC-3 at 400 V rated value         0.52 A           • at AC-3 at 400 V rated value         0.50 W           • at AC-3 at 400 V rated value         0.50 W           • at AC-3 at 400 V rated value         0.50 W           • at AC-3 at 400 V rated value         24 V           • at AC-3 at 400 V rated value         24 V           • at AC-3 at 400 V rated value         24 V           • at AC-3 at 400 V rated value         24 V           • at AC-3 at 400 V rated value         24 V           • at AC-3 at 400 V rated value         24 V           • at AC-3 at 400 V rated value         24 V           • at AC-3 at 400 V rated value         24 V           • at AC-3 at 400 V rated value         23 V           • at AC-3 at 400 V rated value         0.32 A           • at AC-3 at 400 V rated value         0.32 A           • at 40 V rated value         0.32 A           • at 400 V rated value         0.32 A <td><ul> <li>at AC-3e rated value maximum</li> </ul></td> <td>690 V</td>	<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
• all AC3 de al 400 V rade value     0.32 A       operating power     0.32 A       • all AC3 de al 400 V rade value     90 W       • all AC3 de al 400 V rade value     90 W       • all AC3 de al 400 V rade value     90 W       • all AC3 de al 400 V rade value     90 W       • all AC3 de al 400 V rade value     90 W       • all AC3 de al 400 V rade value     90 W       • all AC3 de al 400 V rade value     90 W       • all AC3 de al 400 V rade value     90 W       • all AC3 de al 400 V rade value     90 KW       Control supply voltage to DC     • all AC3 de al 400 V       • all AC3 de al 400 V rade value     24 V       • all AC3 de al 400 V rade value     24 V       • all AC3 de al 400 V rade value     24 V       • all AC3 all all AC3 de al 400 V rade value     24 V       • all AC3 de al 400 V rade value     24 V       • all AC3 all all AC3 de al 400 V rade value     24 V       • all AC3 all all AC3 de al 400 V rade value     24 V       • all AC3 all all AC3 de al 400 V rade value     0.32 A       • all AC3 value subscription     Ves       • all AC3 V rade value     0.32 A       • all AC3 V rade value     0.32	operating frequency rated value	50 60 Hz
• Ar AC-Sa at AOU V rated value     0.32 A       • ar AOU V rated value     90 W       • ar AOU V rated value     0.32 A       <	operational current	
aperating power         • al AC-3	<ul> <li>at AC-3 at 400 V rated value</li> </ul>	0.32 A
• at AC-3     • at AC-3e       • at AC-3e     90 kW       Control scape Variated value     24 V       • rande value     0.32 A       • rande value     0	<ul> <li>at AC-3e at 400 V rated value</li> </ul>	0.32 A
	operating power	
• et AC3e     00       - al 400 V rated value     00 WV       Control supply voltage at DC     0       • rated value     24 V       • rated value     0.32 A       • rated value     0.32 A       • at 400 V rated value     100 000 A       restriction mounting/ dimensions     vertical       featering method     for magaping onto 60 mm bus	• at AC-3	
− al 400 V rated value         90 kW           Control circuit Control         U           Control Circuit Control         U           Control Circuit Control         U           Control Circuit Control         U           Control Circuit Control         24 V           • rated value         24 V           Product extension auxiliary switch         Yes           Product extension auxiliary switch         Yes           Product extension auxiliary switch         Ves           Product extension of mantaneous short-circuit trip unit         4.2.A           UtCSA ratings         CLASS 10           Order Control for Circuit protection         0.32 A           Short-Circuit protection         Yes           order of the short-circuit protection         Yes           Order Circuit protection         Yes           order Dire Cold Value         0.32 A           Short-Circuit protection         Yes           order the short-circuit protection         Yes           order the short-circuit protection         Yes           order the s	— at 400 V rated value	90 W
Control size/U Control         Using of the control supply voltage         DC           Image: Control Supply voltage at DC         24 V           Image: Image: Control Supply voltage at DC         24 V           Image: Image: Control Supply voltage at DC         24 V           Image: Image: Control Supply voltage at DC         4W           Image: Image: Control Supply voltage at DC         4W           Auxiliary circuit         Protective and monitoring functions           Image: Image: Image: Control Supply voltage at DC         4W           Auxiliary circuit         Yes           Protective and monitoring functions         Immal (Immedialic)           response voltage at DC         0.32 A           Image: I	• at AC-3e	
type of voltage of the control supply voltage         DC           control supply voltage at DC         4.V           • rated value         24.V           • Auxiliary carcuit         Ves           Products and nonitoring functions         0.42.A           UbCG3.rating base         CLASS 10           • at 800 V rated value         0.32.A           • at 800 Vrated value         0.32.A           • at 800 Vrated value         0.32.A           • at 800 Vrated value         0.32.A <td>— at 400 V rated value</td> <td>90 kW</td>	— at 400 V rated value	90 kW
Control supply voltage at DC     24 V       • rated value     24 V       • rated value     24 - 24 V       bidling power of magnet coil at DC     4 W       Availlary external     Productive and monitoring functions       product extension availlary switch     Yes       Protoctive and monitoring functions     Itemmal (infinite)       trip class     CLASS 10       design of the overload release     thermal (infinite)       response value current of instantaneous short-circuit trip unit     4.2 A       UL/CSA ratings     O.32 A       stat 500 V rated value     0.32 A       oft-circuit protection     Yes       product function short circuit protection     Yes       design of the short-circuit urment (lq)     magnetic       conditional short-circuit current (lq)     magnetic       conditional short-circuit urment (lg)     150 000 A       tabalatioid method     for snapping onto 60 mm busbar systems       height     204 mm       with     90 mm       dopth     155 min       requests     50 mm       - a tabalatioid method     50 mm       - backwards     0 mm       - backwards     0 mm       - backwards     0 mm       - downwards     10 mm       - downwards     0 mm	Control circuit/ Control	
• rated value     24 V       • rated value     24 ·	type of voltage of the control supply voltage	DC
• rated value         24 24 V           holding power of magnet coll at DC         4 W           Availing vicuto         Yes           product extension auxillary switch         Yes           Productive and monitoring functions         University           frip class         CLASS 10           design of the overload rolesse         themal (Initealite)           response value current of instantaneous short-incut trip unit         4.2.A           ULCSA ratings         0.32 A           i at 800 V rated value         150 000 A           instation/ mounting dimensions         magnetic           ornditionial short circuit protection         Yes           instation/ mounting dimensions         mounting post           mounting post         for snapping onte 80 mm busbar systems           instation/ mounting dimensions         mounting condition and tra	control supply voltage at DC	
holding power of magnet coll at DC         4 W           Auxiliary circuit         Product schemion auxiliary switch         Yes           product schemion auxiliary switch         Yes           Probability and monitoring functions         CLASS 10           disgin of the overload release         thermal (bimetallic)           response vulue current of instantaneous short-circuit trip unit         4.2.A           UCGSA ratings	rated value	24 V
Auxiliary circuit         Yes           product axtension auxiliary switch         Yes           Protective and monitoring functions         CLASS 10           design of the overload release         thermal (binetalic)           response value current of instantaneous short-circuit trip unit         4.2 A           UL/CSA ratings         full-load current (FLA) for 3-phase AC motor           • at 480 V rated value         0.32 A           • at 400 V rated value         0.32 A           Bonct-circuit protection         Yes           design of the short-circuit protection         Yes           conditional short-circuit urent (d)         is 0000 A           • at 400 V according to EC 00947-11 rated value         150 0000 A           resultation/mounting/ dimensions         vertical           mounting position         vertical           fastening method         for snapping onto 60 mm busbar systems           height         204 mm           width         90 mm           depth         for grounded parts           - forwards         32 mm           - backwards         0 mm           - downwards         10 mm           - forwards         32 mm           - backwards         0 mm           - downwards	<ul> <li>rated value</li> </ul>	24 24 V
product extension auxiliary switch         Yes           Protective and monitoring functions         Image: CLASS 10           design of the overload release         thermal (bimetallic)           response value current of instantaneous short-circuit trip unit         4.2 A           ULGSA ratings         Image: CLASS 10           full-load current (FLA) for 3-phase AC motor         0.32 A           • at 480 V rated value         0.32 A           • at 480 V rated value         0.32 A           off-circuit protection         Yes           design of the short-circuit protection         Yes           mounting position         verticel           fastoning method         for snapping onto 60 mm busbar systems           height         204 mm           width         90 mm           despin         155 mm           required spacing         0 mm           - forwards         32 mm           - backwards         0 mm           - downwards         10 mm           - downward	holding power of magnet coil at DC	4 W
product extension auxiliary switch         Yes           Protective and monitoring functions         Image: CLASS 10           design of the overload release         thermal (bimetallic)           response value current of instantaneous short-circuit trip unit         4.2 A           ULGSA ratings         Image: CLASS 10           full-load current (FLA) for 3-phase AC motor         0.32 A           • at 480 V rated value         0.32 A           • at 480 V rated value         0.32 A           off-circuit protection         Yes           design of the short-circuit protection         Yes           mounting position         verticel           fastoning method         for snapping onto 60 mm busbar systems           height         204 mm           width         90 mm           despin         155 mm           required spacing         0 mm           - forwards         32 mm           - backwards         0 mm           - downwards         10 mm           - downward	Auxiliary circuit	
Protective and monitoring functions         CLASS 10           design of the overload release         thermal (binetallic)           response value current of instantaneous short-circuit trip unit         4.2.A           UCSA ratings         0.32 A           • at 400 V rated value         0.32 A           • at 400 V rated value         0.32 A           • at 600 V rated value         0.32 A           • at 600 V rated value         0.32 A           • at 400 V rated value         150 000 A           Installatori monting dimensions         werical           mounting position         vertical           fastening method         for snapping onto 60 mm busbar systems           holght         204 mm           vidth         90 mm           depth         155 mm           required spacing         10 mm           • for grounded parts         0 mm           • for wards         0 mm           • ath side         10 mm           • ath side         10 mm           • ath side         0		Yes
trip class         CLASS 10           design of the overload release         thermal (binetallic)           response value current of instantaneous short-circuit trip unit         4.2 A           UL/CSA ratings         0.32 A           full-load current (FLA) for 3-phase AC motor         0.32 A           • at 440 V rated value         0.32 A           Short-circuit protection         Yes           design of the short-circuit trip         magnetic           conditional short circuit protection         Yes           design of the short-circuit trip         magnetic           conditional short circuit protection         Yes           mounting position         vertical           fastening method         for snapping onto 60 mm busbar systems           height         204 mm           width         90 mm           depth         155 mm           required spacing         0 mm           - forwards         32 mm           - backwards         0 mm           - backwards         0 mm           - downwards         10 mm           - downwards         10 mm           - downwards         0 mm           - downwards         10 mm           - downwards         10 mm		
design of the overload release         thermal (bimetallic)           response value current of instantaneous short-circuit trip unit         4.2 A           UCSA ratings		CLASS 10
response value current of instantaneous short-circuit trip unit UL/CSA ratings IL/CSA ratings IL		
UL/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value       0.32 A         • at 600 V rated value       0.32 A         Short-circuit protection       magnetic         product function short circuit protection       Yes         design of the short-circuit trip       magnetic         conditional short-circuit trip       magnetic         mounting position       vertical         fastening method       for snapping onto 60 mm busbar systems         height       204 mm         width       90 mm         depth       155 mm         required spacing       0 mm         • for grounded parts       32 mm         - alt the side       10 mm         - alt the side       10 mm         - forwards       32 mm         - backwards       0 mm         - downwards       10 mm         - downwards       0 mm         - at th		
full-load current (FLA) for 3-phase AC motor       0.32 A         • at 4800 V rated value       0.32 A         Short-circuit protection       Yes         design of the short-circuit protection       Yes         design of the short-circuit current (lq)       magnetic         • at 4000 V according to IEC 60947-4-1 rated value       150 000 A         installation/ mounting/ dimensions       vertical         mounting position       vertical         fastening method       for snapping onto 60 mm busbar systems         height       204 mm         width       90 mm         depth       155 mm         required spacing       0 mm         • for grounded parts       32 mm         - forwards       32 mm         - downwards       0 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - at the side       10 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - at the side       10 mm         - downwards       10 mm		
• at 480 V rated value     0.32 A       • at 600 V rated value     0.32 A       • at 600 V rated value     0.32 A       • product function short circuit protection     Yes       design of the short-circuit trip     magnetic       conditional short-circuit current (lq)     •       • at 400 V according to IEC 00947-4-1 rated value     150 000 A       Installator/mounting/dimensions     vertical       mounting position     vertical       fastening method     for snapping onto 60 mm busbar systems       height     204 mm       width     90 mm       depth     155 mm       required spacing     •       • for grounded parts     32 mm       - forwards     32 mm       - upwards     50 mm       - downwards     10 mm       • for live parts     32 mm       - backwards     32 mm       - backwards     50 mm       - upwards     50 mm       - at the side     10 mm       - backwards     0 mm       - at the side     10 mm       - backwards     50 mm       - at the side     10 mm       - backwards     10 mm       - backwards     10 mm       - downwards     10 mm       - at the side     10 mm </td <td></td> <td></td>		
• at 600 V rated value     0.32 A       Short-circuit protection		0.32.4
Short-circuit protection         Yes           design of the short-circuit trip         magnetic           conditional short-circuit urrent ((q)         magnetic           • at 400 V according to IEC 60947-4-1 rated value         150 000 A           Installation/mounting/dimensions         vertical           mounting position         vertical           fastening method         for snapping onto 60 mm busbar systems           height         204 mm           width         90 mm           depth         155 mm           required spacing         •           • for grounded parts         -           - powards         32 mm           - backwards         0 mm           - downwards         10 mm           - downwards         32 mm           - forwards         32 mm           - downwards         10 mm           - downwards </td <td></td> <td></td>		
product function short circuit protection         Yes           design of the short-circuit trip         magnetic           conditional short-circuit current (Iq)         150 000 A           • at 400 V according to IEC 60947-4-1 rated value         150 000 A           Installation/ mounting/ dimensions         vertical           mounting position         vertical           fastening method         for snapping onto 60 mm busbar systems           height         204 mm           width         90 mm           depth         155 mm           required spacing         155 mm           - forwards         22 mm           - backwards         0 mm           - upwards         50 mm           - at the side         10 mm           - downwards         0 mm           - backwards         0 mm           - backwards         0 mm           - downwards         10 mm           - downwards         50 mm           - at the side         10 mm           - downwards         50 mm           - at the side         10 mm           - downwards         10 mm           - at the side         10 mm           - downwards         10 mm		0.02 A
design of the short-circuit trip       magnetic         conditional short-circuit current (lq)       150 000 A         • at 400 V according to IEC 60947-4-1 rated value       150 000 A         Installation/ mounting/dimensions       vertical         mounting position       vertical         fastening method       for snapping onto 60 mm busbar systems         height       204 mm         width       90 mm         depth       155 mm         required spacing       -         • for grounded parts       22 mm         - lowards       32 mm         - lowards       32 mm         - downwards       10 mm         - downwards       10 mm         - forwards       32 mm         - downwards       0 mm         - downwards       10 mm		Vac
conditional short-circuit current (lq)       150 000 A         Installation/ mounting dimensions       vertical         mounting position       vertical         festening methed       for snapping onto 60 mm busbar systems         height       204 mm         width       90 mm         depth       155 mm         required spacing       155 mm         • for grounded parts       22 mm         - forwards       32 mm         - backwards       0 mm         - upwards       50 mm         - at the side       10 mm         - forwards       32 mm         - forwards       50 mm         - at the side       10 mm         - forwards       32 mm         - forwards       50 mm         - at the side       10 mm         - forwards       32 mm         - backwards       0 mm         - at the side       10 mm         - forwards       32 mm         - backwards       0 mm         - at the side       10 mm         Connections/ Terminals       50 mm         - at the side       10 mm         Connections/ Terminals       screw-type terminals <td< td=""><td></td><td></td></td<>		
• at 400 V according to IEC 60947-4-1 rated value       150 000 A         Installation/ mounting/ dimensions       vertical         mounting position       for snapping onto 60 mm busbar systems         height       204 mm         width       90 mm         depth       155 mm         required spacing       •         • for grounded parts       32 mm         - forwards       32 mm         - backwards       0 mm         - upwards       50 mm         - at the side       10 mm         - forwards       32 mm         - downwards       10 mm         - forwards       50 mm         - downwards       10 mm         - forwards       32 mm         - downwards       10 mm         - forwards       50 mm         - downwards       10 mm         - at the side       10 mm         - at wards       50 mm         - at wards       10 mm         - at wards       10 mm         - backwards       0 mm         - downwards       10 mm         - at weide       10 mm         - at weide       10 mm         - at weide       50 mm	· · · ·	magnetic
Installation/ mounting/ dimensions           mounting position         vertical           festening method         for snapping onto 60 mm busbar systems           height         204 mm           width         90 mm           depth         155 mm           required spacing         -           - forwards         32 mm           - backwards         0 mm           - upwards         50 mm           - at the side         10 mm           - forvards         32 mm           - at the side         10 mm           - forwards         0 mm           - at the side         10 mm           - forwards         32 mm           - at the side         10 mm           - forwards         0 mm           - downwards         10 mm           - downwards         10 mm           - at the side         10 mm           - for auxiliary and control circuit         screw-type terminals           - for auxiliary and cont		150.000 A
mounting position         vertical           fastening method         for snapping onto 60 mm busbar systems           height         204 mm           width         90 mm           depth         155 mm           required spacing         155 mm           - forwards         32 mm           - backwards         0 mm           - upwards         50 mm           - upwards         10 mm           - downwards         10 mm           - forwards         32 mm           - downwards         10 mm           - downwards         10 mm           - downwards         10 mm           - downwards         0 mm           - upwards         32 mm           - backwards         0 mm           - downwards         10 mm           - downwa		150 000 A
fastening method       for snapping onto 60 mm busbar systems         height       204 mm         width       90 mm         depth       155 mm         required spacing       155 mm         • for grounded parts       32 mm         - backwards       0 mm         - backwards       0 mm         - upwards       50 mm         - downwards       10 mm         - downwards       10 mm         - forwards       32 mm         - downwards       0 mm         - downwards       10 mm         - forwards       32 mm         - downwards       10 mm         - forwards       32 mm         - forwards       32 mm         - downwards       10 mm         - downwards       50 mm     <		
height     204 mm       width     90 mm       depth     155 mm       required spacing     -       • for grounded parts     32 mm       - forwards     32 mm       - backwards     0 mm       - upwards     50 mm       - at the side     10 mm       - downwards     10 mm       - forwards     32 mm       - downwards     0 mm       - forwards     32 mm       - downwards     10 mm       - forwards     32 mm       - forwards     32 mm       - forwards     0 mm       - forwards     10 mm       - downwards     10 mm       - downwards     10 mm       - at the side     10 mm       Screw-type terminals     screw-type terminals       Stafety related data     screw-type terminals       Slo value with high demand rate according to SN 31920     1 000 000       proportion of dangerous failures     inger-safe, for vertical contact from the front       with high demand rate according to IEC 60529     finger-safe, for vertical contact from the fron		
width     90 mm       depth     155 mm       required spacing     -       • for grounded parts     32 mm       - backwards     0 mm       - backwards     0 mm       - upwards     50 mm       - at the side     10 mm       - downwards     10 mm       - forwards     32 mm       - at the side     10 mm       - downwards     10 mm       - forwards     32 mm       - forwards     0 mm       - forwards     32 mm       - forwards     0 mm       - forwards     10 mm       - forwards     10 mm       - forwards     10 mm       - forwards     10 mm       - downwards     10 mm       - downwards     10 mm       - at the side     10 mm       Connections/ Terminals     true       type of electrical connection     screw-type terminals       storey related data     screw-type terminals       Stately related data     1000 000       proportion of dangerous failures     1 000 000       in 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		
depth     155 mm       required spacing     • for grounded parts       - forwards     32 mm       - backwards     0 mm       - backwards     0 mm       - upwards     50 mm       - at the side     10 mm       - downwards     10 mm       - forwards     0 mm       - downwards     0 mm       - downwards     0 mm       - forwards     0 mm       - forwards     0 mm       - backwards     10 mm       - downwards     10 mm       - at the side     10 mm       - at the side     10 mm       Connections/ Terminals     screw-type terminals       type of electrical connection     screw-type terminals       • for main current circuit     screw-type terminals       Safety related data     screw-type terminals       B10 value with high demand rate according to SN 31920     1 000 000       proportion of dangerous failures     rot %       • 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 <td></td> <td></td>		
required spacing <ul> <li>for grounded parts</li> <li>for wards</li> <li>backwards</li> <li>backwards</li> <li>upwards</li> <li>upwards</li> <li>mm</li> <li>upwards</li> <li>mm</li> <li>at the side</li> <li>mm</li> <li>downwards</li> <li>mm</li> <li>downwards</li> <li>mm</li> <li>downwards</li> <li>mm</li> <li>downwards</li> <li>mm</li> <li>downwards</li> <li>mm</li> <li>for live parts</li> <li>forwards</li> <li>mm</li> <li>backwards</li> <li>mm</li> <li>backwards</li> <li>mm</li> <li>downwards</li> <li>mm</li> <li>at the side</li> <li>mm</li> <li>at the side</li></ul>		
• for grounded parts       32 mm         - forwards       32 mm         - backwards       0 mm         - upwards       50 mm         - at the side       10 mm         - downwards       10 mm         - downwards       0 mm         - downwards       0 mm         - forwards       32 mm         - forwards       0 mm         - backwards       0 mm         - backwards       0 mm         - upwards       50 mm         - upwards       50 mm         - upwards       50 mm         - downwards       10 mm         - at the side       10 mm         - at the side       10 mm         Sciencetions/Terminals       screw-type terminals         • for main current circuit       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         Safety related data       Integer terminals         B10 value with high demand rate according to SN 31920       1 000 000         proportion of dangerous failures       73 %         • with high demand rate according to IEC 60529       finger-safe, for vertical contact from the front	•	
- forwards       32 mm         - backwards       0 mm         - upwards       50 mm         - at the side       10 mm         - downwards       10 mm         - downwards       0 mm         - for live parts       -         - forwards       32 mm         - forwards       0 mm         - backwards       10 mm         - backwards       10 mm         - downwards       10 mm         - backwards       50 mm         - downwards       10 mm         - backwards       50 mm         - downwards       10 mm         - backwards       50 mm         - backwards       50 mm         - downwards       10 mm         - backwards       50 mm         - backwards       50 mm         - backwards       50 mm         - backwards <td></td> <td></td>		
backwards0 mm- upwards50 mm- at the side10 mm- downwards10 mm- downwards32 mm- for live parts32 mm- backwards0 mm- backwards0 mm- backwards0 mm- upwards50 mm- downwards10 mm- downwards10 mm- downwards10 mm- downwards10 mm- downwards10 mm- downwardsscrew-type terminals- for main current circuitscrew-type terminals• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminalsSafety related data1000 000proportion of dangerous failures1000 000• with high demand rate according to SN 319201000 000proportion of dangerous failures73 %• with high demand rate according to IEC 60529finger-safe, for vertical contact from the front		20
- upwards50 mm- at the side10 mm- downwards10 mm- downwards32 mm- forwards32 mm- backwards0 mm- backwards0 mm- upwards50 mm- downwards10 mm- at the side10 mm- at the side10 mm- at the side10 mm- for auxiliary and control circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminalsSafety related data100000proportion of dangerous failures73 %• with high demand rate according to SN 3192073 %• with high demand rate according to IEC 60529finger-safe, for vertical contact from the front		
- at the side10 mm- downwards10 mm• for live parts32 mm- forwards32 mm- backwards0 mm- backwards0 mm- upwards50 mm- downwards10 mm- at the side10 mm- at the side10 mm- at the sidescrew-type terminalstype of electrical connectionscrew-type terminals• for nain current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminalsSafety related data1000 000proportion of dangerous failures1 000 000• with high demand rate according to SN 319201 000 000for up the fornt according to SN 3192073 %• with high demand rate according to SN 3192073 %• with high demand rate according to IEC 60529finger-safe, for vertical contact from the front		
downwards10 mm• for live parts32 mm forwards32 mm backwards0 mm upwards50 mm downwards10 mm downwards10 mm at the side10 mm at the sidescrew-type terminalsscrew-type terminalsscrew-type terminalsscrew-type terminalsscrew-type terminalsscrew-type terminalsscrew-type terminalsscrew-type terminalssorew-type terminalssor		
• for live parts32 mm- forwards32 mm- backwards0 mm- upwards50 mm- downwards10 mm- at the side10 mm- at the side10 mmconnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminalssfety related dataB10 value with high demand rate according to SN 319201 000 000proportion of dangerous failures73 %• with high demand rate according to ElEC 60529finger-safe, for vertical contact from the front		
- forwards32 mm- backwards0 mm- upwards50 mm- downwards10 mm- at the side10 mm- at the side10 mmConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminalsB10 value with high demand rate according to SN 319201 000 000proportion of dangerous failures		10 11111
backwards0 mm upwards50 mm downwards10 mm at the side10 mm at the side10 mmConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminalsSafety related dataB10 value with high demand rate according to SN 319201 000 000proportion of dangerous failures-• with high demand rate according to SN 3192073 %touch protection on the front according to IEC 60529finger-safe, for vertical contact from the front		20 mm
upwards50 mm downwards10 mm at the side10 mmconnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminalsSafety related dataB10 value with high demand rate according to SN 319201 000 000proportion of dangerous failures1 000 000• with high demand rate according to SN 3192073 %touch protection on the front according to IEC 60529finger-safe, for vertical contact from the front		
- downwards10 mm- at the side10 mmConnections/ TerminalsConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for auxiliary and control circuitscrew-type terminalsSafety related dataB10 value with high demand rate according to SN 319201 000 000proportion of dangerous failures1000 000• with high demand rate according to SN 3192073 %touch protection on the front according to IEC 60529finger-safe, for vertical contact from the front		
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	•	
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		
type of electrical connection       screw-type terminals         • for main current circuit       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         Safety related data       screw-type terminals         B10 value with high demand rate according to SN 31920       1 000 000         proportion of dangerous failures       1 000 000         • 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		
• for main current circuit       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         Safety related data       screw-type terminals         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		
• for auxiliary and control circuit       screw-type terminals         Safety related data		
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         • 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		
B10 value with high demand rate according to SN 31920       1 000 000         proportion of dangerous failures <ul> <li>with high demand rate according to SN 31920</li> <li>73 %</li> <li>touch protection on the front according to IEC 60529</li> <li>finger-safe, for vertical contact from the front</li> </ul> <li>For the front according to IEC 60529</li>		screw-type terminals
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		1 000 000
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front		
	· · · · · · · · · · · · · · · · · · ·	73 %
Communication/ Protocol		finger-safe, for vertical contact from the front
	Communication/ Protocol	

protocol is supported					
<ul> <li>PROFINET IO pr</li> </ul>	rotocol	No			
<ul> <li>PROFIsafe proto</li> </ul>	col	No			
protocol is supported A	S-Interface protocol	No			
Certificates/ approvals				-	
General Product Approval			For use in hazard- ous locations	Declaration of Conformity	
<u>Confirmation</u>		EHC	K ATEX	CE EG-Konf.	UK CA
Test Certificates		Marine / Shipping			
Type Test Certific- ates/Test Report	Special Test Certific- ate	ABS	BUREAU VERITAS	Lloyd's Register	PRS
Marine / Shipping			other	Railway	Dangerous Good
RINA	KMRS	DNV-GL toral come	<u>Confirmation</u>	Vibration and Shock	Transport Information

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3RA2210-0DD15-2BB4

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2210-0DD15-2BB4

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0DD15-2BB4

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

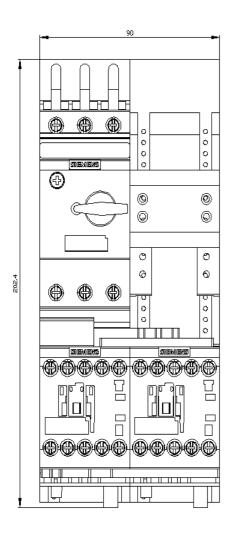
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2210-0DD15-2BB4&lang=en

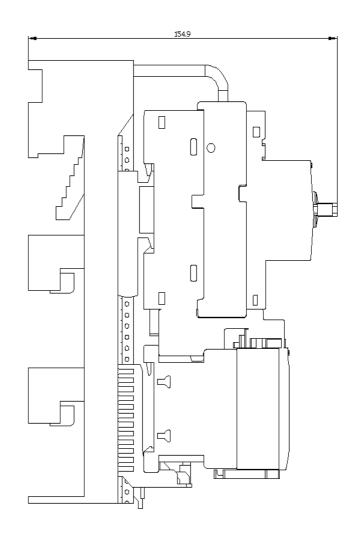
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

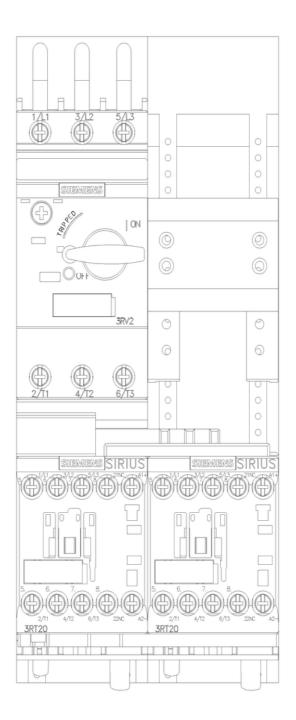
https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-0DD15-2BB4/char

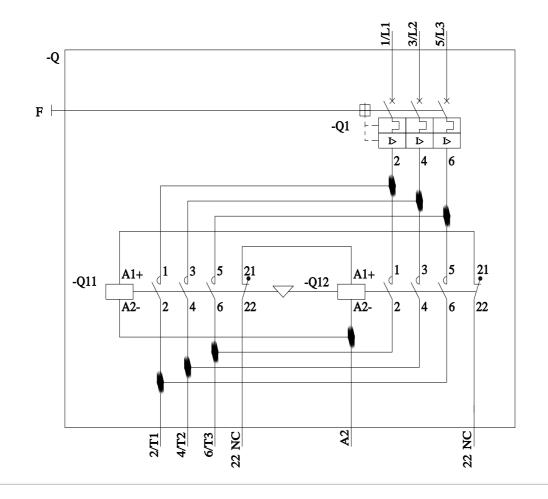
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2210-0DD15-2BB4&objecttype=14&gridview=view1









last modified:

5/1/2023 🖸