3RA2210-1AA15-2BB4

## **Data sheet**



Load feeder fuseless, Reversing duty 400 V AC, Size S00 1.10...1.60 A 24 V DC 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 brand name product designation Reversing starter design of the product product type designation annufacturer's article number of the supplied contactor of the supplied circuit-breakers of the supplied circuit-breakers of the supplied wiring kit ask 1921-1DA00 of the supplied wiring kit ask 2913-2AA1  General technical data size of the circuit-breaker size of load feeder power loss [W] for rated value of the current ot AC in hot operating state per pole without load current share typical insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value degree of protection NEMA rating shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) of contactor typical type of assignment reference code according to IEC 81346-2:2019 Substance Prohibitance (Date) SYHC substance name Lead - 7439-92-1  Weight Ambient conditions ambient temperature outring storage during transport  of the supplied contactor design starter and resistance design starter of the supplied contactor structure and value for the supplied contactor structure and value supplied contactor structure structure and value for the supplied contactor structure and value for the supplied circuit-breaker structure and value for the supplied contactor structure and value for the supplied contactor screw mounting structure and value for the supplied contactor screw mounting structure and value for the supplied contactor screw mounting structure and value for the supplied contactor screw mounting structure and value for the supplied contactor screw mounting structure and value for the supplied contactor screw mounting structure and value for the supplied contactor spe
design of the product product type designation  manufacturer's article number  of the supplied contactor of the supplied circuit-breakers of the supplied link module of the supplied wiring kit  General technical data size of the circuit-breaker size of load feeder power loss [W] for rated value of the current outlage with degree of pollution 3 at AC rated value surge voltage resistance rated value degree of protection NEMA rating shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) of contactor typical type of assignment reference code according to IEC 81346-2:2019 Substance Prohibitance (Date) SWHC substance name Weight Ambient conditions ambient temperature of the supplied contactor attical article mounting geral or screw mounting shock resistance name during storage of the current share yoldage resistance arted value and the resistance according to IEC 81346-2:2019 Substance Prohibitance (Date) 10/01/2009 SWHC substance name Uead - 7439-92-1 Weight - 20 +60 °C - 50 +80 °C
product type designation manufacturer's article number of the supplied contactor of the supplied circuit-breakers of the supplied link module of the supplied wiring kit size of the circuit-breaker size of the circuit-breaker size of the circuit-breaker size of the circuit-breaker size of load feeder so power loss [W] for rated value of the current outlook accurrent share typical insulation voltage with degree of pollution 3 at AC rated value degree of protection NEMA rating shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) of contactor typical type of assignment reference code according to IEC 81346-2:2019 Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Weight Ambient conditions ambient temperature of the supplied contactor signale and size of the current sharing and size of the circuit and size of the current sharing and size of the circuit and size of the current sharing and size of the current sharing and size of the current size of the circuit-breader sharing and
manufacturer's article number  of the supplied contactor of the supplied circuit-breakers of the supplied link module of the supplied link module of the supplied wiring kit  General technical data  size of the circuit-breaker size of load feeder power loss [W] for rated value of the current of the original state per pole without load current share typical insulation voltage with degree of pollution 3 at AC rated value degree of protection NEMA rating shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) of contactor typical type of assignment reference code according to IEC 81346-2:2019 Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Weight Ambient conditions ambient temperature of during operation -20 +60 °C -50 +80 °C
of the supplied contactor of the supplied circuit-breakers of the supplied link module of the supplied link module of the supplied link module of the supplied wiring kit  SRA1921-1DA00  aRA2913-2AA1  General technical data  Size of the circuit-breaker Size of tolad feeder power loss [W] for rated value of the current of the without load current share typical without load current share typical insulation voltage with degree of pollution 3 at AC rated value of key degree of protection NEMA rating shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) of contactor typical type of assignment creference code according to IEC 81346-2:2019 Substance Prohibitance (Date)  On 1001/2009 SVHC substance name Lead - 7439-92-1  Weight  Ambient conditions amblent temperature of during operation - 20 +60 °C - 50 +80 °C
of the supplied circuit-breakers     of the supplied link module     of the supplied wiring kit     3RA1921-1DA00     of the supplied wiring kit     3RA2913-2AA1  General technical data  size of the circuit-breaker     size of load feeder     power loss [W] for rated value of the current     oat AC in hot operating state per pole     owithout load current share typical     insulation voltage with degree of pollution 3 at AC rated value     surge voltage resistance rated value     degree of protection NEMA rating     shock resistance according to IEC 60068-2-27     mechanical service life (operating cycles) of contactor typical     surge reference code according to IEC 81346-2:2019     Substance Prohibitance (Date)     SVHC substance name     Lead - 7439-92-1  Weight  Ambient conditions  ambient temperature     during operation     -20 +60 °C     -50 +80 °C
of the supplied link module     of the supplied wiring kit     3RA1921-1DA00     of the supplied wiring kit     3RA2913-2AA1  General technical data  size of the circuit-breaker     size of load feeder     soo  size of load feeder     soo  power loss [W] for rated value of the current     oat AC in hot operating state per pole     without load current share typical     insulation voltage with degree of pollution 3 at AC rated value     surge voltage resistance rated value     degree of protection NEMA rating     shock resistance according to IEC 60068-2-27     feg / 11 ms     mechanical service life (operating cycles) of contactor typical     type of assignment         2     reference code according to IEC 81346-2:2019     Substance Prohibitance (Date)  SYHC substance name     Lead - 7439-92-1  Weight  Ambient conditions  ambient temperature     o during operation     och with temperature     o during storage  -20 +60 °C     och with temperature     outing storage
of the supplied wiring kit     SaR2913-2AA1  General technical data  size of the circuit-breaker S00  size of load feeder S00  power loss [W] for rated value of the current      • at AC in hot operating state per pole • without load current share typical 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  reference code according to IEC 81346-2:2019 Q  Substance Prohibitance (Date) 10/01/2009  SVHC substance name Lead - 7439-92-1  Weight 1.005 kg  Ambient temperature  • during operation -20 +60 °C  • during storage -50 +80 °C
size of the circuit-breaker S00 size of load feeder S00  power loss [W] for rated value of the current  • at AC in hot operating state per pole 2.6 W  • without load current share typical 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 reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.005 kg  Ambient conditions  ambient temperature  • during operation -20 +60 °C  • during storage -50 +80 °C
size of the circuit-breaker  size of load feeder  soo  power loss [W] for rated value of the current  • at AC in hot operating state per pole • without load current share typical  insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  degree of protection NEMA rating shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles) of contactor typical  type of assignment  reference code according to IEC 81346-2:2019  Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1  Weight  Ambient conditions  ambient temperature  • during operation • during storage
size of load feeder  power loss [W] for rated value of the current  at AC in hot operating state per pole without load current share typical insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value degree of protection NEMA rating shock resistance according to IEC 60068-2-27 feeder according to IEC 60068-2-27 feeder according to IEC 60068-2-27 ged / 11 ms mechanical service life (operating cycles) of contactor typical type of assignment 2 reference code according to IEC 81346-2:2019 Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Weight 1.005 kg  Ambient conditions  ambient temperature during operation -20 +60 °C during storage
power loss [W] for rated value of the current  • at AC in hot operating state per pole • without load current share typical 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 reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.005 kg  Ambient conditions ambient temperature • during operation • during storage -20 +60 °C -50 +80 °C
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without load current share typical     insulation voltage with degree of pollution 3 at AC rated value     surge voltage resistance rated value     degree of protection NEMA rating     shock resistance according to IEC 60068-2-27     feg / 11 ms     mechanical service life (operating cycles) of contactor typical     type of assignment     reference code according to IEC 81346-2:2019     Substance Prohibitance (Date)     SVHC substance name     Lead - 7439-92-1     Weight     1.005 kg  Ambient conditions  amblent temperature     • during operation     • during storage     -20 +60 °C     -50 +80 °C
insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value  degree of protection NEMA rating  shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles) of contactor typical  type of assignment  reference code according to IEC 81346-2:2019  Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1  Weight  1.005 kg  Ambient conditions  ambient temperature  • during operation  • during storage  690 V  6 kV  60 V  60 V
surge voltage resistance rated value  degree of protection NEMA rating shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical type of assignment 2 reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.005 kg  Ambient conditions  ambient temperature • during operation • during storage -50 +80 °C
degree of protection NEMA rating shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical type of assignment 2 reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Weight 1.005 kg  Ambient conditions ambient temperature • during operation • during storage -20 +60 °C  -50 +80 °C
shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles) of contactor typical 30 000 000  type of assignment 2  reference code according to IEC 81346-2:2019 Q  Substance Prohibitance (Date) 10/01/2009  SVHC substance name Lead - 7439-92-1  Weight 1.005 kg  Ambient conditions  ambient temperature  • during operation -20 +60 °C  • during storage -50 +80 °C
mechanical service life (operating cycles) of contactor typical  type of assignment  reference code according to IEC 81346-2:2019  Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1  Weight  1.005 kg  Ambient conditions  ambient temperature  • during operation  • during storage  30 000 000  2  10/01/2009  C  -20 +60 °C  -50 +80 °C
type of assignment  reference code according to IEC 81346-2:2019  Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1  Weight  1.005 kg  Ambient conditions  ambient temperature  • during operation  • during storage  2  Comparison  -20 +60 °C  -50 +80 °C
reference code according to IEC 81346-2:2019  Substance Prohibitance (Date)  SVHC substance name  Lead - 7439-92-1  Weight  1.005 kg  Ambient conditions  ambient temperature  • during operation  • during storage  Q  1.0/01/2009  1.005 kg  -20 +60 °C  -50 +80 °C
Substance Prohibitance (Date)         10/01/2009           SVHC substance name         Lead - 7439-92-1           Weight         1.005 kg           Ambient conditions         ambient temperature           ● during operation         -20 +60 °C           ● during storage         -50 +80 °C
SVHC substance name  Lead - 7439-92-1  Weight  1.005 kg  Ambient conditions  ambient temperature  • during operation • during storage  Lead - 7439-92-1  -20 +60 °C
Weight  Ambient conditions  ambient temperature  • during operation • during storage  1.005 kg  -20 +60 °C  -50 +80 °C
Ambient conditions  ambient temperature  • during operation • during storage  -20 +60 °C  -50 +80 °C
ambient temperature  • during operation  • during storage  -20 +60 °C  -50 +80 °C
<ul> <li>during operation</li> <li>during storage</li> <li>-20 +60 °C</li> <li>-50 +80 °C</li> </ul>
• during storage -50 +80 °C
3 44 45
• during transport
♥ during transport
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  1.1 1.6 A
operating voltage
• rated value 690 V
• at AC-3 rated value maximum 690 V

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at AC-3e rated value maximum	690 V
operating frequency rated value	50 60 Hz
operational current	
<ul> <li>at AC-3 at 400 V rated value</li> </ul>	1.6 A
at AC-3e at 400 V rated value	1.6 A
operating power	
• at AC-3	
— at 400 V rated value	550 W
• at AC-3e	
— at 400 V rated value	550 W
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage at DC rated value	24 V
holding power of magnet coil at DC	4 W
Auxiliary circuit	
product extension auxiliary switch	Yes
Protective and monitoring functions	
trip class	CLASS 10
design of the overload release	thermal (bimetallic)
response value current of instantaneous short-circuit trip unit	21 A
UL/CSA ratings	2171
full-load current (FLA) for 3-phase AC motor	40.4
• at 480 V rated value	1.6 A
at 600 V rated value	1.6 A
yielded mechanical performance [hp]	
<ul> <li>for single-phase AC motor</li> </ul>	
— at 230 V rated value	0.1 hp
<ul> <li>for 3-phase AC motor</li> </ul>	
— at 220/230 V rated value	0.5 hp
— at 460/480 V rated value	1 hp
<ul> <li>at 575/600 V rated value</li> </ul>	1 hp
— at 375/000 v Tateu value	p
Short-circuit protection	
	Yes
Short-circuit protection	
Short-circuit protection product function short circuit protection	Yes
Short-circuit protection product function short circuit protection design of the short-circuit trip	Yes
Short-circuit protection  product function short circuit protection design of the short-circuit trip conditional short-circuit current (Iq)	Yes magnetic
Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions	Yes magnetic
Short-circuit protection  product function short circuit protection design of the short-circuit trip conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position	Yes magnetic 150 000 A vertical
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail
Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm
Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards  — backwards	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm  32 mm 0 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards  — backwards — upwards	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm  32 mm 0 mm 50 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards — backwards — upwards — at the side	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm  32 mm 0 mm 50 mm 10 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm  32 mm 0 mm 50 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail  170 mm 90 mm 97 mm  32 mm 0 mm 50 mm 10 mm 10 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — forwards	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm  32 mm 0 mm 50 mm 10 mm 10 mm 10 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm  32 mm 0 mm 10 mm 10 mm 10 mm 10 mm 0 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — forwards	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm  32 mm 0 mm 50 mm 10 mm 10 mm 10 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — backwards  — backwards  • for live parts  — forwards  — backwards  — backwards	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm  32 mm 0 mm 10 mm 10 mm 10 mm 10 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — backwards  — backwards  — upwards  — torwards  — torwards  — backwards  — upwards	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm  32 mm 0 mm 10 mm 10 mm 10 mm 10 mm 50 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — backwards  — upwards  — backwards  — upwards  — of orwards  — downwards  — backwards  — upwards  — downwards  — downwards  — downwards	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm  32 mm 0 mm 10 mm 10 mm 10 mm 50 mm 10 mm 10 mm
Short-circuit protection product function short circuit protection design of the short-circuit trip conditional short-circuit current (Iq) • at 400 V according to IEC 60947-4-1 rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — backwards — upwards — of orwards — backwards — downwards — hackwards — backwards — at the side — downwards — backwards — at the side — downwards — at the side — downwards — at the side	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm  32 mm 0 mm 10 mm 10 mm 10 mm 50 mm 10 mm 10 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — backwards  — upwards  — downwards  — downwards  — downwards  — downwards  — at the side  — downwards  — at the side  Connections/ Terminals	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm  32 mm 0 mm 10 mm 10 mm 10 mm 50 mm 10 mm 10 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — backwards  — upwards  — at the side  — downwards  — backwards  — upwards  — backwards  — upwards  — at the side  — downwards  — at the side  — downwards  — backwards  — upwards  — at the side  Connections/ Terminals  type of electrical connection	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 170 mm 90 mm 97 mm  32 mm 0 mm 10 mm 10 mm 10 mm 50 mm 10 mm 10 mm 10 mm
Short-circuit protection  product function short circuit protection  design of the short-circuit current (Iq)  • at 400 V according to IEC 60947-4-1 rated value  Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — backwards  — upwards  — at the side  — downwards  — torwards  — backwards  — upwards  — at the side  — downwards  — torwards  — at the side  Connections/ Terminals  type of electrical connection  • for main current circuit	Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail  170 mm 90 mm 97 mm  32 mm 0 mm 10 mm 10 mm 10 mm 10 mm 50 mm 10 mm 50 mm 10 mm 50 mm

product function suitable for safety function	Yes
Electrical Safety	
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Communication/ Protocol	
protocol is supported	
<ul> <li>PROFINET IO protocol</li> </ul>	No
PROFIsafe protocol	No
protocol is supported AS-Interface protocol	No
Approvale Contificates	

Approvals Certificates

**General Product Approval** 

For use in hazardous locations





Confirmation







**Test Certificates** 

Marine / Shipping

Type Test Certificates/Test Report

**Special Test Certific-**<u>ate</u>









Marine / Shipping

other Railway Dangerous goods







Confirmation

**Special Test Certific**ate

**Transport Information** 

## Environment

**Environmental Confirmations** 

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=3RA2210-1AA15-2BB4

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RA2210-1AA15-2BB4}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-1AA15-2BB4

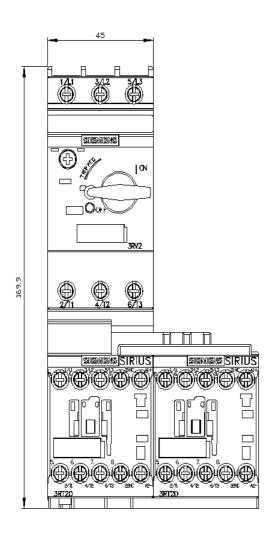
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

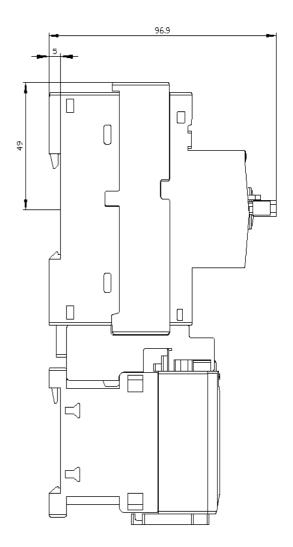
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2210-1AA15-2BB4&lang=en

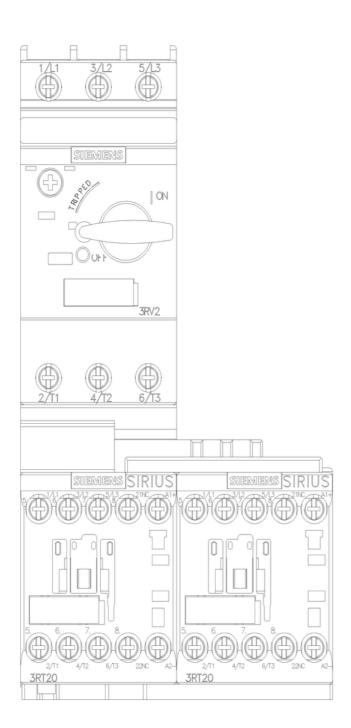
Characteristic: Tripping characteristics, I2t, Let-through current

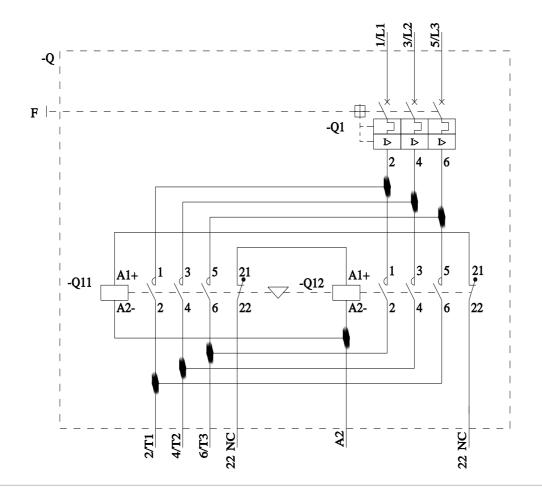
https://support.industry.siemens.com/cs/ww/en/ps/3RA2210-1AA15-2BB4/char

Further characteristics (e.g. electrical endurance, switching frequency) <a href="http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2210-1AA15-2BB4&objecttype=14&gridview=view1">http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2210-1AA15-2BB4&objecttype=14&gridview=view1</a>









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