## **Data sheet**

## 3RA2110-1BE15-1BB4



Load feeder fuseless, Direct-on-line starting 400 V AC, Size S00 1.40...2.00 A 24 V DC Spring-type terminal for installation on standard mounting rail (also fulfills type of coordination 1) Type of coordination 2, Iq = 150 kA 1 NO (contactor)

product designation design of the product for standard rail or screw mounting product type designation sprace type designation sprace type designation of the supplied contactor of the supplied contactor of the supplied contactor of the supplied link module sprace of the supplied link module spra	product brand name	SIRIUS			
product type designation manufacturer's article number of the supplied contactor of the supplied circuit-breakers of the supplied link module 3RA2911-2AA00 General technical data size of the circuit-breaker size of the supplied circuit-breaker size of the supplied circuit-breaker size of the circuit-breaker size of the supplied circuit-breaker size of the switching contact design of the switching contact size of the switching contact design of the switching contact size of the switchi	product designation	Direct (on-line) starter			
product type designation manufacturer's article number of the supplied contactor of the supplied circuit-breakers of the supplied link module 3RA2911-2AA00 General technical data size of the circuit-breaker size of the supplied circuit-breaker size of the supplied circuit-breaker size of the circuit-breaker size of the supplied circuit-breaker size of the switching contact design of the switching contact size of the switching contact design of the switching contact size of the switchi	design of the product				
of the supplied circuit-breakers of the supplied circuit-breakers of the supplied link module  SRY2011-1BA20  General technical data  size of the circuit-breaker size of the circuit-breaker size of load feeder power loss IWJ for rated value of the current out AC in hot operating state per pole without load current share typical without load current share typical surge voltage resistance rated value of kKV degree of protection NEMA rating shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) of contactor typical stype of assignment type of protection according to ATEX directive 2014/34/EU preference code according to ATEX directive 2014/34/EU preference code according to BEC 81346-2:2019 Qusustance Prohibitance (Date) Ambient conditions  ambient temperature during storage during storage during transport temperature compensation -20 +60 °C relative humidity during operation -20 +60 °C -20 +60					
of the supplied circuit-breakers of the supplied link module  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 surge voltage resistance rated value degree of protection NEMA rating shock resistance according to IEC 68068-2-27 mechanical service life (operating cycles) of contactor typical type of assignment type of assignment  verificate of suitability according to ATEX directive 2014/34/EU certificate of suitability according to IEC 81346-2:2019 Qubustance Prohibitance (Date)  Ambient conditions  ambient temperature of during storage of during transport temperature compensation current signose value current of the current dependent overload release operating voltage or rated value or the AC-3 rated value maximum of the current of the current of the circuit-breaker soon size of the directive supplied to the current of the current of the circuit-breaker size of load feeder soon size of the during operation of the switching contact dependent overload release operating voltage or take CV at AC-3 rated value maximum of the circuit of the current of the current response value current of the current of the current response value current of the current operating voltage or take CV at AC-3 rated value maximum of the AC-3 rated value maximum  of the switching contact of the switching contact of the current response value current of the current of the current response value current of the current of the current response value current of the current of the current response value current of the current of the current response value current of the current of the current response value current of the current of the current response value current of the current of the current response value curre	manufacturer's article number				
of the supplied link module  General technical data size of the circuit-breaker 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 degree of protection NEMA rating shock resistance rated value degree of protection NEMA rating shock resistance according to IEC 60068-2-27 Gg / 11 ms mechanical service life (operating cycles) of contactor typical type of assignment 2 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU certificate of suitability according to IEC 81346-2:2019 Q Substance Prohibitance (Date) Ambient conditions  ambient temperature during operation during storage during transport temperature compensation currelative humidity during operation 20 +60 °C temperature compensation 20 +60 °C relative humidity during operation 20 +60 °C temperature compensation 20 +60 °C temperature compensation 20 +60 °C temperature compensation 21 +60 °C temperature compensation 22 +60 °C temperature compensation 23 +60 °C temperature compensation 24 +60 °C temperature compensation 25 +80 °C temperature compensation 26 +80 °C temperature compensation 27 +60 °C temperature compensation 28 +80 °C temperature compensation 29 +80 °C temperature compensation 30 +80 °C temperature compensation 40 +80 °C temperature compensation 40 +80 °C 40 +80	of the supplied contactor	3RT2015-2BB41			
Size of the circuit-breaker  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  surge voltage resistance rated value  surge voltage resistance rated value  degree of protection NEMA rating  shock resistance according to IEC 60068-2-27  shock resistance according to ATEX directive 2014/34/EU  type of assignment  2  type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  gubstance Prohibitance (Date)  Ambient conditions  ambient temperature  during operation  during storage  during transport  temperature compensation  20+60 °C  temperature compensation  20+60 °C  temperature compensation  1095 %  Main circuit  number of poles for main current circuit  design of the switching contact  dependent overload release  operating voltage  rated value  400 V  690 V  690 V  690 V	of the supplied circuit-breakers	3RV2011-1BA20			
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 4W insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 680 V 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 transport -50 +80 °C temperature compensation -20 +60 °C relative humidity during operation 10 95 %  Main circuit  number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value 690 V • at AC-3 rated value maximum 690 V	of the supplied link module				
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  finsulation voltage with degree of pollution 3 at AC rated value gog voltage resistance rated value degree of protection NEMA rating shock resistance according to IEC 60068-2-77 mechanical service life (operating cycles) of contactor typical stype of assignment  type of assignment  type of protection according to ATEX directive 2014/34/EU  type of protection according to ATEX directive 2014/34/EU  reference code according to IEC 81346-2:2019  Substance Prohibitance (Date)  Ambient conditions  ambient temperature during operation during storage during operation during storage during transport during operation  -20 +60 °C  -50 +80 °C  -60 · +80 °C  -60 · +80 °C  -70 · +80 °	General technical data				
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  gg / 11 ms mechanical service life (operating cycles) of contactor typical 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 preference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) Ambient conditions  amblent temperature • during operation • during storage • during storage • during transport  -50+80 °C temperature compensation relative humidity during operation 1095 %  Main circuit  number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • at AC-3 rated value maximum  690 V  • at AC-3 rated value maximum  690 V	size of the circuit-breaker	S00			
at AC in hot operating state per pole  without load current share typical  surge voltage resistance rated value  680 V  surge voltage resistance rated value  68k V  degree of protection NEMA rating  other  shock resistance according to IEC 60068-2-27  fig. 11 ms  mechanical service life (operating cycles) of contactor typical  type of assignment  2 type of protection according to ATEX directive 2014/34/EU  reference code according to ATEX directive 2014/34/EU  reference code according to IEC 81346-2:2019  Qubit according	size of load feeder	S00			
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  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)  Ambient conditions  ambient temperature  oluring operation  oluring storage  oluring transport  current compensation  relative humidity during operation  during directive compensation  relative humidity during operation  dissign of the switching contact  adjustable current response value current of the current-dependent overload release  operating voltage  or at AC-3 rated value  at AC-3 rated value maximum  4 W  other  6 kV  6 kV  6 kV  6 kV  6 kV  6 kV  6 kg / 11 ms  30 000 000  DMT 02 ATEX F 001  EX II (2) GD  CEX III (2) GD  CEX II	power loss [W] for rated value of the current				
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  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 certificate of suitability according to ATEX directive 2014/34/EU preference code according to IEC 81346-2:2019 Qubit according to IEC 81346-2:2019	<ul> <li>at AC in hot operating state per pole</li> </ul>	2.6 W			
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 30 000 000 type of assignment 2 type of protection according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU certificate of suitability according to ATEX directive 2014/34/EU 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) Ambient conditions  ambient temperature • during operation • during storage • 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 adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum 690 V	<ul> <li>without load current share typical</li> </ul>	4 W			
degree of protection NEMA rating 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 certificate of suitability according to ATEX directive 2014/34/EU DMT 02 ATEX F 001 reference code according to IEC 81346-2:2019 Qu Substance Prohibitance (Date) Ambient conditions ambient temperature during operation during storage during transport temperature compensation relative humidity during operation 10 95 %  Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3 rated value maximum  other conditions  10 95 V	insulation voltage with degree of pollution 3 at AC rated value	690 V			
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	surge voltage resistance rated value	6 kV			
mechanical service life (operating cycles) of contactor typical type of assignment 2 type of protection according to ATEX directive 2014/34/EU 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 • during storage • during storage • 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 adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum 690 V	degree of protection NEMA rating	other			
type of assignment  type of protection according to ATEX directive 2014/34/EU  type of protection according to ATEX directive 2014/34/EU  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)  Ambient conditions  ambient temperature  • during operation • during storage • during storage • during transport • during transport • compensation • comp	shock resistance according to IEC 60068-2-27	6g / 11 ms			
type of protection according to ATEX directive 2014/34/EU  certificate of suitability according to ATEX directive 2014/34/EU  preference code according to IEC 81346-2:2019  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation • during storage • during transport  temperature compensation -20 +60 °C  • during transport -50 +80 °C  relative humidity during operation 10 95 %  Main circuit  number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum  690 V	mechanical service life (operating cycles) of contactor typical	30 000 000			
certificate of suitability according to ATEX directive 2014/34/EU  reference code according to IEC 81346-2:2019 Q Substance Prohibitance (Date) Ambient conditions  ambient temperature	type of assignment	2			
reference code according to IEC 81346-2:2019  Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation • during storage • during transport • during transport • during transport • -50 +80 °C  temperature compensation relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release  operating voltage • rated value • at AC-3 rated value maximum  10/01/2009  1-0/01/2009  20 10/01/2009	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD			
Substance Prohibitance (Date)  Ambient conditions  ambient temperature  • during operation • during storage • during transport • during transport • 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 design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum  1.0/01/2009  1.0	certificate of suitability according to ATEX directive 2014/34/EU	DMT 02 ATEX F 001			
Ambient conditions  ambient temperature  • during operation • during storage • during transport  • 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  design of the switching contact  adjustable current response value current of the current-dependent overload release  operating voltage • rated value • at AC-3 rated value maximum  -20 +60 °C  -50 +80 °C  -10 +60 °C  -1	reference code according to IEC 81346-2:2019	Q			
ambient temperature  • during operation  • during storage  • during transport  -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  design of the switching contact  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  -20 +60 °C  -50 +80 °C  -10 +60 °C  -	Substance Prohibitance (Date)	10/01/2009			
<ul> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>50 +80 °C</li> <li>temperature compensation</li> <li>20 +60 °C</li> <li>temperature compensation</li> <li>20 +60 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> <li>Main circuit</li> <li>number of poles for main current circuit</li> <li>design of the switching contact</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>690 V</li> </ul>	Ambient conditions				
<ul> <li>during storage</li> <li>during transport</li> <li>50 +80 °C</li> <li>temperature compensation</li> <li>20 +60 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> <li>Main circuit</li> <li>number of poles for main current circuit</li> <li>design of the switching contact</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>690 V</li> </ul>	ambient temperature				
■ during transport	during operation	-20 +60 °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  operating voltage  • rated value  • at AC-3 rated value maximum  -20 +60 °C  1.4 95 %  electromechanical  1.4 2 A  690 V	during storage	-50 +80 °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  operating voltage  • rated value • at AC-3 rated value maximum  10 95 %  8  8  8  8  8  8  8  8  8  8  8  8  8	during transport	-50 +80 °C			
Main circuit  number of poles for main current circuit  design of the switching contact  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  690 V	temperature compensation	-20 +60 °C			
number of poles for main current circuit  design of the switching contact  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum   design of the switching contact  electromechanical  1.4 2 A  690 V	relative humidity during operation	10 95 %			
design of the switching contact  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value • at AC-3 rated value maximum  electromechanical  1.4 2 A  690 V	Main circuit				
adjustable current response value current of the current- dependent overload release  operating voltage  • rated value • at AC-3 rated value maximum  1.4 2 A  690 V	number of poles for main current circuit	3			
dependent overload release  operating voltage  • rated value 690 V  • at AC-3 rated value maximum 690 V	design of the switching contact	electromechanical			
<ul> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>690 V</li> <li>690 V</li> </ul>		1.4 2 A			
• at AC-3 rated value maximum 690 V	operating voltage				
	rated value	690 V			
• at AC-3e rated value maximum 690 V	<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V			
	<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V			

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operating frequency rated value	50 60 Hz			
operational current	2.4			
• at AC-3 at 400 V rated value	2 A			
at AC-3e at 400 V rated value	2 A			
operating power				
• at AC-3				
— at 400 V rated value	750 W			
• at AC-3e				
— at 400 V rated value	750 kW			
Control circuit/ Control				
type of voltage of the control supply voltage	DC			
control supply voltage at DC				
rated value	24 V			
rated value	24 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	26 A			
UL/CSA ratings				
full-load current (FLA) for 3-phase AC motor				
• at 480 V rated value	2 A			
at 600 V rated value	2 A			
yielded mechanical performance [hp]				
<ul> <li>for single-phase AC motor</li> </ul>				
— at 230 V rated value	0.16 hp			
<ul> <li>for 3-phase AC motor</li> </ul>				
<ul> <li>at 220/230 V rated value</li> </ul>	0.5 hp			
at 220/200 v Tatou valuo	·			
— at 220/230 V rated value  — at 460/480 V rated value	1 hp			
	· · · · ·			
— at 460/480 V rated value	1 hp			
— at 460/480 V rated value — at 575/600 V rated value	1 hp			
— at 460/480 V rated value  — at 575/600 V rated value  Short-circuit protection	1 hp 1.5 hp			
— at 460/480 V rated value  — at 575/600 V rated value  Short-circuit protection  product function short circuit protection	1 hp 1.5 hp Yes			
— at 460/480 V rated value — at 575/600 V rated value  Short-circuit protection  product function short circuit protection  design of the short-circuit trip	1 hp 1.5 hp Yes			
— at 460/480 V rated value — at 575/600 V rated value  Short-circuit protection  product function short circuit protection  design of the short-circuit trip  conditional short-circuit current (Iq)	1 hp 1.5 hp  Yes magnetic			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic			
— at 460/480 V rated value — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic 150 000 A			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic 150 000 A  vertical			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic 150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm  20 mm 0 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm  20 mm 0 mm 50 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm  20 mm 0 mm 50 mm 20 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm  20 mm 0 mm 50 mm 20 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm  20 mm 0 mm 50 mm 20 mm 10 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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  • for live parts — forwards	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm  20 mm 0 mm 50 mm 20 mm 10 mm 10 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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  — backwards  — backwards	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm  20 mm 0 mm 10 mm 10 mm 0 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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  — backwards  — backwards  — upwards  — hackwards  — upwards	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm  20 mm 0 mm 50 mm 10 mm 0 mm 50 mm 50 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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  — backwards  — upwards  — torwards  — torwards  — downwards  • for live parts  — forwards  — backwards  — upwards  — backwards  — upwards  — downwards  — downwards	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm  20 mm 0 mm 50 mm 10 mm 50 mm 10 mm 50 mm 10 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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  — downwards  — odwnwards  — downwards  — downwards  — downwards  — at the side  — downwards  — at the side  — downwards  — backwards  — upwards  — backwards  — upwards  — at the side	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm  20 mm 0 mm 50 mm 10 mm 50 mm 10 mm 50 mm 10 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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  — at the side  — downwards  — backwards  — upwards  — backwards  — upwards  — backwards  — upwards  — at the side  Connections/ Terminals	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm  20 mm 0 mm 50 mm 10 mm 0 mm 50 mm 10 mm 20 mm			
— at 460/480 V rated value  — at 575/600 V rated value  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  — downwards  — torwards  — backwards  — upwards  — downwards  — at the side  Connections/ Terminals  type of electrical connection	1 hp 1.5 hp  Yes magnetic  150 000 A  vertical screw and snap-on mounting onto 35 mm DIN rail 198 mm 45 mm 97 mm  20 mm 0 mm 50 mm 10 mm 50 mm 10 mm 50 mm			

Safety related data					
B10 value with high demand rate according to SN 31920	1 000	1 000 000			
proportion of dangerous failures					
<ul> <li>with high demand rate according to SN 31920</li> </ul>	73 %	73 %			
touch protection on the front according to IEC 60529	finge	finger-safe, for vertical contact from the front			
Communication/ Protocol					
protocol is supported					
<ul> <li>PROFINET IO protocol</li> </ul>	No	No			
PROFIsafe protocol	No	No			
protocol is supported AS-Interface protocol	No	No			
Certificates/ approvals					
Gonoral Product Approval		For use in hazard-	Declaration of Conformity		

Confirmation

**General Product Approval** 







ous locations



**Declaration of Conformity** 



**Test Certificates** 

Marine / Shipping

Type Test Certificates/Test Report

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









Marine / Shipping

other Railway **Dangerous Good** 







Confirmation

Vibration and Shock

**Transport 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=3RA2110-1BE15-1BB4

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2110-1BE15-1BB4

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-1BE15-1BB4

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

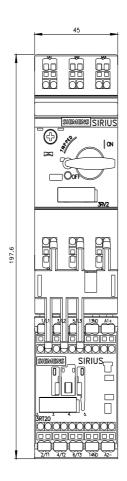
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2110-1BE15-1BB4&lang=en

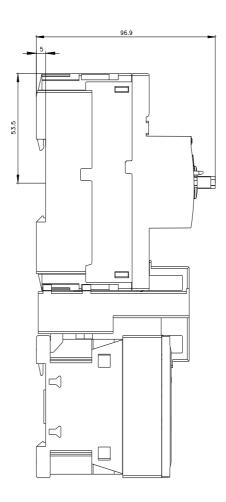
Characteristic: Tripping characteristics, I2t, Let-through current

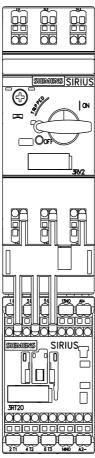
https://support.industry.siemens.com/cs/ww/en/ps/3RA2110-1BE15-1BB4/char

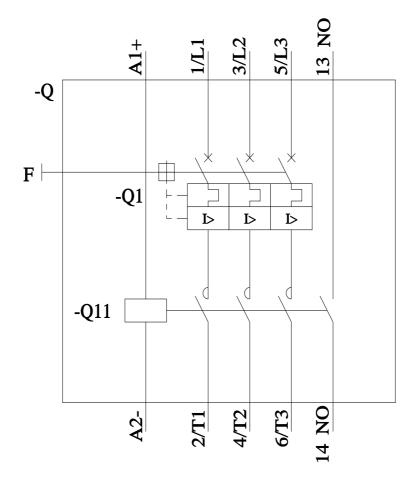
Further characteristics (e.g. electrical endurance, switching frequency)

earch&mlfb=3RA2110-1BE15-1BB4&objecttype=14&gridview=view1 http://www.automation.siemens.com/bilddb/index.aspx?view=Se









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