## SIEMENS

## Data sheet

## 3RV2011-0KA15



Circuit breaker size S00 for motor protection, CLASS 10 A-release 0.9...1.25 A N-release 16 A screw terminal Standard switching capacity with transverse auxiliary switches 1 NO+1 NC

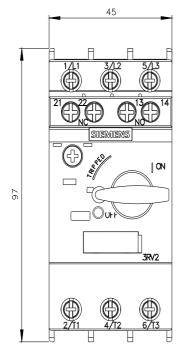
size of the circuit-breakerS00size of contactor can be combined company-specificS00, S0product extension auxiliary switchYespower loss [W] for rated value of the current*********************************	50/15.	
design of the product         For motor protection           product type designation         36V2           size of the circuit-breaker         500           size of contactor can be combined company-specific         500, 50           product destinants auxiliary switch         Yes           product advations auxiliary switch         Yes           product advations auxiliary switch         Yes           product advations auxiliary switch         24 W           ist at AC in hot operating state per pole         24 W           istuation voltage with degree of pollution 3 at AC rated value         690 V           surge voltage resistance according to IEC 60068-227         25 // 11 ms           mechanical service life (operating cycles)         -           of the main contacts typical         100 000           of outing voltage voltage voltage voltage voltage 20 // 100 00         100 000           electrical endurance (operating cycles) typical         100 000           of protection according to IEC 81346-2         Q           Substance Prohibitance (Date)         DWI 02// 20 Partex F 001           reference code according to IEC 81346-2         Q           Substance Prohibitance (Date)         200 m           adjustabit emperature         -           outing operation         -         -	product brand name	SIRIUS
product type designation         3RV2           Seneral technical data	product designation	Circuit breaker
Denoral tochnical data           size of the circuit-breaker         S00           size of contactor can be combined company-specific         S00, S0           power loss [M] for rated value of the current         -           • at AC in hot operating state         7.25 W           • at AC in hot operating state per pole         2.4 W           insulation voltage with degree of pollution 3 at AC rated value         690 V           surge voltage resistance rated value         64 V           shock resistance according to IEC 60068-2:77         25g /11 ms           mechanical service life (operating cycles)         -           • of the main contacts typical         100 000           • of auxiliary contacts typical         100 000           • of auxiliary contacts typical         100 000           etchrical andurance (operating cycles) typical         100 1000           • of neating to ATEX directive 2014/34/EU         Ex II (2) GD           Substance Prohibitance (Date)         100/12009           Amblent temperature         -           • during operation         -           • during operation         -           • during trapport         -           • during operation         -           • during trapport         -           • during transport	design of the product	For motor protection
size of the circuit-breaker     S00       size of contactor can be combined company-specific     S00, S0       product extension auxiliary switch     Yes       power loss [W] for rated value of the current     2.5 W       • at AC in hot operating state     7.25 W       • at AC in hot operating state per pole     2.4 W       insulation voltage with degree of pollution 3 at AC rated value     680 V       surge voltage resistance rated value     64 V       shock resistance according to IEC 60068-2-27     Z5g /11 ms       mechanical service life (operating cycles)     100 000       • of the main contacts typical     100 000       • of auxiliary contacts typical     100 000       • of auxiliary contacts typical     100 000       • of relection according to ATEX directive 2014/34/EU     Ex II (2) GD       certificate of suitability according to ATEX directive 2014/34/EU     Ex II (2) GD       reference code according to IEC 81346-2     Q       Substance Prohibitance (Iota)     100/12/209       Ambient temperature     -20 460 °C       • during operation     -20 460 °C       • during operation     -50 480 °C       • during operation     -50 4	product type designation	3RV2
size of contactor can be combined company-specific         S00, S0           product extension auxiliary switch         Yes           power loss [W] for rated value of the current         Yes           • at AC in hot operating state         7.25 W           • at AC in hot operating state per pole         2.4 W           insulation voltage with degree of pollution 3 at AC rated value         680 V           surge voltage resistance rated value         680 V           surge voltage resistance rated value         610 V           softwall         100 000         610 V           of the main contacts typical         100 000         610 V           of the main contacts typical         100 000         000           of advalue/ coording to ATEX directive 2014/34/EU         EX II (2) GD         000           certificate of suitability according to IEC 81346-2         Q         Q           Substance Prohibitance (Date)         10/01/2009         V           Ambient conditions         2         200 m         N           ambient temperature         -480 °C         -60 ···C         -60 ···C           of uving storage         -50 ···· 480 °C         -60 ···C         -60 ···C           of uving trapport         20 ···· 60 °C         -60 ···C         -60 ···C	General technical data	
product extension auxiliary switch         Yes           power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole         2.4 W           insulation voltage with degree of pollution 3 at AC rated value         690 V           surge voltage resistance rated value         690 V           shock resistance according to IEC 60068-2:27         25g / 11 ms           mechanical service life (operating cycles) • of the main contacts typical         100 000           • of auxiliary contacts typical         100 000           (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         Q           Substance Prohibitance (Date)         01001/2009           whibent conditions         2000 m           installation altitude at height above sea level maximum         2 000 m           • during storage         -50+60 °C           • during storage         -50+60 °C           • during storage         -50+60 °C	size of the circuit-breaker	S00
power loss [W] for rated value of the current         4 AC in hot operating state         7.25 W           • at AC in hot operating state per pole         2.4 W           • insulation voltage with degree of pollution 3 at AC rated value         680 V           surge voltage resistance rated value         6 kV           shock resistance according to IEC 60068-227         25g / 11 ms           mechanical service life (operating cycles)         00 000           • of the main contacts typical         100 000           • of auxiliary contacts typical         100 000           electrical endurance (operating cycles) typical         100 000           reference code according to ATEX directive 2014/34/EU         DMT 02 ATEX F 001           reference code according to IEC 81346-2         Q           Substance Prohibitance (Date)         10/01/2009           Ambient conditions         -20 460 °C           • during storage         -50 480 °C           • during storage         -50 480 °C           • during storage         -60 480 °C           • during storage         -60	size of contactor can be combined company-specific	S00, S0
• at AC in hot operating state7.25 W• at AC in hot operating state per pole2.4 WInsulation voltage with degree of pollution 3 at AC rated value600 Vsurge voltage resistance rated value6 kVshock resistance according to IEC 60068-2-2725g / 11 msmechanical service Iffe (operating cycles)-• of the main contacts typical100 000• of auxiliary contacts typical100 000electrical endurance (operating cycles) typical100 000electrical endurance (operating cycles) typical00 000electrical endurance (operating cycles) typical100 000reference code according to ATEX directive 2014/34/EUEX II (2) GDsubstance Prohibitance (Date)DMT 02 ATEX F 001reference code according to IEC 81346-2QSubstance Prohibitance (Date)100 10/12/009Ambient conditions-installation altitude at height above sea level maximum20 0 460 °C• during operation-20 460 °C• during transport-50 480 °C• during transport-50 480 °C• during transport0.9 1.25 Amumber of poles for main current circuit3adjustable current response value current of the current- dependent overload release0.9 1.60 V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum<	product extension auxiliary switch	Yes
• at AC in hot operating state per pole2.4 Winsulation voltage with degree of pollution 3 at AC rated value660 Vsurge voltage resistance rated value6 kVshock resistance according to IEC 60068-2:2725g / 11 msmechanical service life (operating cycles)100 000• of the main contacts typical100 000• of auxiliary contacts typical100 000• of auxiliary contacts typical100 000• of auxiliary contacts typical100 000• dectrical endurance (operating cycles) typicalDMT 02 ATEX F 001reference code according to ATEX directive 2014/34/EUDMT 02 ATEX F 001reference code according to IEC 81346-2QSubstance Prohibitance (Date)2 000 mamblent conditions2 000 minstallation altitude at height above sea level maximum2 000 namblent conditions-20 +60 °C• during operation-20 +60 °C• during operation-50 +80 °C• during transport-50 +80 °C• rated value0.9 95 %• tat c-3 rated value maximum690 V• at AC-3 rated value maximum<	power loss [W] for rated value of the current	
insulation voltage with degree of pollution 3 at AC rated value         690 V           surge voltage resistance rated value         6 kV           shock resistance according to IEC 60068-2-27         25g / 11 ms           mechanical service life (operating cycles)         -           of the main contacts typical         100 000           • of auxiliary contacts typical         100 000           electrical endurance (operating cycles) typical         100 000           type of protection according to ATEX directive 2014/34/EU         EX II (2) GD           certificate of suitability according to ATEX directive 2014/34/EU         DX TO 2A TEX F 001           reference code according to IEC 81346-2         Q           Substance Prohibitance (Date)         10/01/2009           Ambient conditions         2 000 m           ambient strage         -50 +60 °C           • during operation         -20 +60 °C           • during trage of poles for main current circuit         3           adjustable current response value current of the current-         -50 +60 °C           • during transport	<ul> <li>at AC in hot operating state</li> </ul>	7.25 W
surge voltage resistance rated value6 kVshock resistance according to IEC 60068-2-2725g / 11 msmechanical service Iife (operating cycles)-• of the main contacts typical100 000• of auxiliary contacts typical100 000electrical endurance (operating cycles) typical100 000type of protection according to ATEX directive 2014/34/EUEx II (2) GDcertificate of suitability according to ATEX directive 2014/34/EUDMT 02 ATEX F 001reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 mambient temperature-• during operation-20 +60 °C• during torage-50 +80 °C• during operation0.9 95 %Valine circuit3adjustable current circuit3adjustable current circuit0.9 1.25 Aoperating voltage0.9 1.25 Aoperating trauenum690 V• at AC-3 rated value maximum690 V </th <th><ul> <li>at AC in hot operating state per pole</li> </ul></th> <th>2.4 W</th>	<ul> <li>at AC in hot operating state per pole</li> </ul>	2.4 W
shock resistance according to IEC 60068-2-27         25g / 11 ms           mechanical service life (operating cycles)         •           • of the main contacts typical         100 000           • of auxiliary contacts typical         100 000           electrical endurance (operating cycles) typical         100 000           type of protection according to ATEX directive 2014/34/EU         Ex II (2) GD           certificate of suitability according to ATEX directive 2014/34/EU         Ex II (2) GD           substance Prohibitance (Date)         DMT 02 ATEX F 001           reference code according to IEC 81346-2         Q           Substance Prohibitance (Date)         D//01/2009           Ambient conditions         2 000 m           installation altitude at height above sea level maximum         2 000 m           adburing torage         -50+60 °C           • during operation         -20+60 °C           • during torage         -50+60 °C           • during torage         -50+80 °C           • during torage         -50+80 °C           • during torage         -50+80 °C           • during torage         -95 %           Material         10	insulation voltage with degree of pollution 3 at AC rated value	690 V
mechanical service life (operating cycles)• of the main contacts typical100 000• of auxiliary contacts typical100 000electrical endurance (operating cycles) typical100 000type of protection according to ATEX directive 2014/34/EUEX II (2) GDcertificate of suitability according to ATEX directive 2014/34/EUDMT 02 ATEX F 001reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 mambient temperature-20 +60 °C• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °C• relative humidity during operation0 95 %Valie20 690 V• at AC-3 rated value maximum690 V•	surge voltage resistance rated value	6 kV
• of the main contacts typical100 000• of auxiliary contacts typical100 000electrical endurance (operating cycles) typical100 000type of protection according to ATEX directive 2014/34/EUEX II (2) GDcertificate of suitability according to ATEX directive 2014/34/EUDMT 02 ATEX F 001reference code according to IEC 81346-2QSubstance Prohibitance (Date)100/1/2009Ambient conditions2 000 mambient temperature-• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °C• rated value-50 +80 °C• rated value maximum-50 +60 °V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum690 V• at AC-3 rated value ma	shock resistance according to IEC 60068-2-27	25g / 11 ms
• of auxiliary contacts typical100 000electrical endurance (operating cycles) typical100 000type of protection according to ATEX directive 2014/34/EUEX II (2) GDcertificate of suitability according to ATEX directive 2014/34/EUDMT 02 ATEX F 001reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 mambient temperature-20 +60 °C• during operation-20 +60 °C• during transport-50 +80 °C• rated value current of the current- dependent overlad release0.9 1.25 A• operating voltage-50 600 V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum690 V• at AC-3 rated value	mechanical service life (operating cycles)	
electrical endurance (operating cycles) typical100 000type of protection according to ATEX directive 2014/34/EUEx II (2) GDcertificate of suitability according to ATEX directive 2014/34/EUDMT 02 ATEX F 001reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 mambient temperature-20 +60 °C• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °Crelative humidity during operation10 95 %Main circuit3adjustable current response value current of the current- dependent overload release0.9 1.25 Aoperating voltage20 690 V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum690 V• operating frequency rated value50 60 Hz• operating frequency rated value50 60 Hz• operating current rated value50 60 Hz	<ul> <li>of the main contacts typical</li> </ul>	100 000
type of protection according to ATEX directive 2014/34/EUEx II (2) GDcertificate of suitability according to ATEX directive 2014/34/EUDMT 02 ATEX F 001reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2000 mambient temperature-20 460 °C• during operation-20 460 °C• during storage-50 480 °C• during transport10 95 %Mater of poles for main current circuit3adjustable current response value current of the current- dependent overload release0.9 1.25 Aoperating voltage20 690 V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum690 Voperating frequency rated value50 600 Hzoperating frequency rated value50 600 Hzoperating frequency rated value50 600 Hz	<ul> <li>of auxiliary contacts typical</li> </ul>	100 000
certificate of suitability according to ATEX directive 2014/34/EUDMT 02 ATEX F 001reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 mambient temperature-20 +60 °C• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °Crelative humidity during operation10 95 %Value current circuit3adjustable current response value current of the current- dependent overload release09 1.25 Aoperating voltage20 690 V• at AC-3e rated value maximum690 V• at AC-3e rated value50 60 Hz• at AC-3e rated value <th>electrical endurance (operating cycles) typical</th> <th>100 000</th>	electrical endurance (operating cycles) typical	100 000
reference code according to IEC 81346-2         Q           Substance Prohibitance (Date)         10/01/2009           Ambient conditions         2 000 m           ambient temperature         -           • during operation         -20 +60 °C           • during storage         -50 +80 °C           • during transport         -50 +80 °C           relative humidity during operation         10 95 %           Main circuit         3           adjustable current response value current of the current-dependent overload release         0.9 1.25 A           operating voltage         20 690 V           • at AC-3 rated value maximum         690 V           • at AC-3 rated value maximum         690 V           • operating frequency rated value         50 600 Hz           operating frequency rated value         50 600 Hz	type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD
Substance Prohibitance (Date)10/01/2009Ambient conditions2installation altitude at height above sea level maximum2000 mambient temperature20.00 m• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release0.9 1.25 Aoperating voltage20 690 V• rated value690 V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum50 60 Hzoperating frequency rated value50 60 Hzoperating frequency rated value1.25 A	certificate of suitability according to ATEX directive 2014/34/EU	DMT 02 ATEX F 001
Ambient conditions       2 000 m         ambient temperature       2 000 m         • during operation       -20 +60 °C         • during storage       -50 +80 °C         • during transport       -50 +80 °C         • during transport       -50 +80 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current- dependent overload release       0.9 1.25 A         operating voltage       20 690 V         • at AC-3 rated value maximum       690 V         • at AC-3 rated value maximum       690 V         • at AC-3 rated value maximum       690 V         • perating frequency rated value       50 600 Hz         operating frequency rated value       1.25 A	reference code according to IEC 81346-2	Q
installation altitude at height above sea level maximum       2 000 m         ambient temperature       -20 +60 °C         • during operation       -20 +60 °C         • during storage       -50 +80 °C         • during transport       -50 +80 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current-dependent overload release       0.9 1.25 A         operating voltage       20 690 V         • at AC-3 rated value maximum       690 V         • at AC-3 rated value       50 60 Hz         • at AC-3 rated value       50 60 Hz	Substance Prohibitance (Date)	10/01/2009
ambient temperature-20 +60 °Cé during operation-20 +60 °Cé during storage-50 +80 °Cé during transport-50 +80 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release20 690 Voperating voltage20 690 V• rated value690 V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum690 V• operating frequency rated value50 600 Hzoperating frequency rated value1.25 A	Ambient conditions	
• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release0.9 1.25 Aoperating voltage20 600 V• rated value20 600 V• at AC-3 rated value maximum690 V• at AC-3 rated value maximum50 60 Hzoperating frequency rated value1.25 A	installation altitude at height above sea level maximum	2 000 m
• during storage-50 +80 °C• during transport-50 +80 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release0.9 1.25 Aoperating voltage20 690 V• rated value20 690 V• at AC-3 rated value maximum690 V• at AC-3e rated value maximum690 Voperating frequency rated value50 60 Hzoperational current rated value1.25 A	ambient temperature	
• during transport-50 +80 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3adjustable current response value current of the current- dependent overload release0.9 1.25 Aoperating voltage20 690 V• at AC-3 rated value maximum690 V• at AC-3e rated value maximum690 V• at AC-3e rated value maximum690 V• at AC-3e rated value maximum100 V• at AC-3e rated value125 A	during operation	-20 +60 °C
relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current- dependent overload release       0.9 1.25 A         operating voltage       20 690 V         • rated value       690 V         • at AC-3 rated value maximum       690 V         • at AC-3 rated value maximum       690 V         • at AC-3 rated value maximum       50 600 Hz         operating frequency rated value       50 60 Hz         operational current rated value       1.25 A	during storage	-50 +80 °C
Nain circuit       3         number of poles for main current circuit       3         adjustable current response value current of the current- dependent overload release       0.9 1.25 A         operating voltage       20 690 V         • rated value       20 690 V         • at AC-3 rated value maximum       690 V         • at AC-3e rated value maximum       690 V         • perating frequency rated value       50 60 Hz         operational current rated value       1.25 A	during transport	-50 +80 °C
number of poles for main current circuit       3         adjustable current response value current of the current- dependent overload release       0.9 1.25 A         operating voltage <ul> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>690 V</li> <li>at AC-3e rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>50 60 Hz</li> <li>operational current rated value</li> </ul> operational current rated value       1.25 A	relative humidity during operation	10 95 %
adjustable current response value current of the current- dependent overload release0.9 1.25 Aoperating voltage20 690 V• rated value20 690 V• at AC-3 rated value maximum690 V• at AC-3e rated value maximum690 V• operating frequency rated value50 60 Hzoperational current rated value1.25 A	Main circuit	
dependent overload release	number of poles for main current circuit	3
• rated value       20 690 V         • at AC-3 rated value maximum       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       1.25 A	•	0.9 1.25 A
• at AC-3 rated value maximum       690 V         • at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       1.25 A	operating voltage	
• at AC-3e rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current rated value       1.25 A	rated value	20 690 V
operating frequency rated value     50 60 Hz       operational current rated value     1.25 A	<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V
operational current rated value 1.25 A	<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
•	operating frequency rated value	50 60 Hz
operational current	operational current rated value	1.25 A
	operational current	

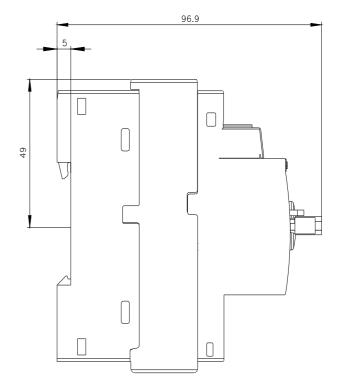
<ul> <li>at AC-3 at 400 V rated value</li> </ul>	1.25 A
• at AC-3e at 400 V rated value	1.25 A
operating power	
• at AC-3	
— at 230 V rated value	0.2 kW
— at 400 V rated value	0.37 kW
— at 500 V rated value	0.4 kW
— at 690 V rated value	0.8 kW
• at AC-3e	
— at 230 V rated value	0.2 kW
— at 400 V rated value	0.37 kW
— at 500 V rated value	0.4 kW
— at 690 V rated value	0.8 kW
operating frequency	
• at AC-3 maximum	15 1/h
• at AC-3e maximum	15 1/h
Auxiliary circuit	
design of the auxiliary switch	transverse
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
number of CO contacts for auxiliary contacts	0
operational current of auxiliary contacts at AC-15	
• at 24 V	2 A
• at 24 V • at 120 V	0.5 A
• at 125 V	0.5 A
• at 230 V	0.5 A
	0.5 A
operational current of auxiliary contacts at DC-13 • at 24 V	1A
• at 24 V • at 60 V	
	0.15 A
Protective and monitoring functions	
product function	
ground fault detection	No
phase failure detection	Yes
trip class	CLASS 10
design of the overload release	thermal
maximum short-circuit current breaking capacity (Icu)	
at AC at 240 V rated value	100 kA
at AC at 400 V rated value	100 kA
• at AC at 500 V rated value	100 kA
<ul> <li>at AC at 690 V rated value</li> </ul>	
	100 kA
operating short-circuit current breaking capacity (Ics) at AC	
• at 240 V rated value	100 kA
<ul><li>at 240 V rated value</li><li>at 400 V rated value</li></ul>	100 kA 100 kA
<ul> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> </ul>	100 kA 100 kA 100 kA
<ul> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 690 V rated value</li> </ul>	100 kA 100 kA 100 kA 100 kA
at 240 V rated value     at 400 V rated value     at 500 V rated value     at 690 V rated value     response value current of instantaneous short-circuit trip unit	100 kA 100 kA 100 kA
at 240 V rated value     at 400 V rated value     at 500 V rated value     at 690 V rated value response value current of instantaneous short-circuit trip unit UL/CSA ratings	100 kA 100 kA 100 kA 100 kA
at 240 V rated value     at 400 V rated value     at 500 V rated value     at 690 V rated value     response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor	100 kA 100 kA 100 kA 100 kA
at 240 V rated value     at 400 V rated value     at 500 V rated value     at 690 V rated value response value current of instantaneous short-circuit trip unit UL/CSA ratings	100 kA 100 kA 100 kA 100 kA
at 240 V rated value     at 400 V rated value     at 500 V rated value     at 690 V rated value     response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor	100 kA 100 kA 100 kA 100 kA 16 A
at 240 V rated value     at 400 V rated value     at 500 V rated value     at 690 V rated value     response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor     at 480 V rated value	100 kA 100 kA 100 kA 100 kA 16 A
<ul> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 690 V rated value</li> <li>response value current of instantaneous short-circuit trip unit</li> <li>UL/CSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor</li> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul>	100 kA 100 kA 100 kA 100 kA 16 A
<ul> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 690 V rated value</li> <li>response value current of instantaneous short-circuit trip unit</li> <li>UL/CSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor         <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> </ul> </li> </ul>	100 kA 100 kA 100 kA 100 kA 16 A
<ul> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 690 V rated value</li> <li>response value current of instantaneous short-circuit trip unit</li> <li>UL/CSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor</li> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> <li>for 3-phase AC motor</li> <li>for 3-phase AC motor</li> </ul>	100 kA 100 kA 100 kA 100 kA 100 kA 16 A 1.25 A 1.25 A
<ul> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 690 V rated value</li> <li>at 690 V rated value</li> <li>response value current of instantaneous short-circuit trip unit</li> <li>UL/CSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>yielded mechanical performance [hp] <ul> <li>for 3-phase AC motor</li> <li>at 460/480 V rated value</li> </ul> </li> </ul>	100 kA 100 kA 100 kA 100 kA 100 kA 16 A 1.25 A 1.25 A 1.25 A
<ul> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 690 V rated value</li> <li>at 690 V rated value</li> <li>response value current of instantaneous short-circuit trip unit</li> <li>UL/CSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>yielded mechanical performance [hp] <ul> <li>for 3-phase AC motor</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> </ul> </li> </ul>	100 kA 100 kA 100 kA 100 kA 16 A 1.25 A 1.25 A 1.25 A 1.25 A
<ul> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 690 V rated value</li> <li>at 690 V rated value</li> <li>response value current of instantaneous short-circuit trip unit</li> <li>UL/CSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor         <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> </ul> </li> <li>contact rating of auxiliary contacts according to UL</li> </ul>	100 kA 100 kA 100 kA 100 kA 16 A 1.25 A 1.25 A 1.25 A 1.25 h
<ul> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 690 V rated value</li> <li>at 690 V rated value</li> <li>response value current of instantaneous short-circuit trip unit</li> <li>UL/CSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor         <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>contact rating of auxiliary contacts according to UL</li> </ul> </li> <li>Short-circuit protection</li> </ul>	100 kA 100 kA 100 kA 100 kA 100 kA 16 A 1.25 A 1.25 A 1.25 A 1.25 A 2.25
<ul> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 690 V rated value</li> <li>at 690 V rated value</li> <li>response value current of instantaneous short-circuit trip unit</li> <li>UL/CSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor         <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>Short-circuit protection</li> <li>product function short circuit protection</li> </ul>	100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 125 A 1.25 A
<ul> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 690 V rated value</li> <li>at 690 V rated value</li> <li>response value current of instantaneous short-circuit trip unit</li> <li>UL/CSA ratings</li> <li>full-load current (FLA) for 3-phase AC motor         <ul> <li>at 480 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>store of the short-circuit protection</li> <li>design of the short-circuit trip</li> </ul>	100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 125 A 1.25 A

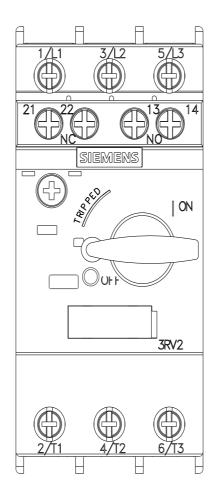
design of the fuse link for IT network for short-circuit	
protection of the main circuit	
• at 500 V	gL/gG 16 A
• at 690 V	gL/gG 16 A
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
height	97 mm
width	45 mm
depth	97 mm
required spacing	
<ul> <li>with side-by-side mounting at the side</li> </ul>	0 mm
<ul> <li>for grounded parts at 400 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for live parts at 400 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for grounded parts at 500 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
• for live parts at 500 V	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
	91111
for grounded parts at 690 V	50
— downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
<ul> <li>for live parts at 690 V</li> </ul>	
— downwards	50 mm
— upwards	50 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	screw-type terminals
<ul> <li>for auxiliary and control circuit</li> </ul>	screw-type terminals
arrangement of electrical connectors for main current circuit	Top and bottom
type of connectable conductor cross-sections	
for main contacts	
— solid or stranded	2x (0,75 2,5 mm²), 2x 4 mm²
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
for AWG cables for main contacts	2x (18 14), 2x 12
type of connectable conductor cross-sections	
for auxiliary contacts	
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
<ul> <li>— finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )
<ul> <li>for AWG cables for auxiliary contacts</li> </ul>	2x (20 16), 2x (18 14)
tightening torque	
for main contacts with screw-type terminals	0.8 1.2 N·m
<ul> <li>for main contacts with screw-type terminals</li> <li>for auxiliary contacts with screw-type terminals</li> </ul>	0.8 1.2 N·m
	Diameter 5 to 6 mm
design of screwdriver shaft	
size of the screwdriver tip	Pozidriv size 2

design of the thread of the	e connection screw				
<ul> <li>for main contacts</li> </ul>			M3		
<ul> <li>of the auxiliary and compared</li> </ul>	ontrol contacts		M3		
Safety related data					
B10 value					
<ul> <li>with high demand rate according to SN 31920</li> </ul>		5 000			
proportion of dangerous failures					
with low demand rate according to SN 31920		50 %			
<ul> <li>with high demand rate according to SN 31920</li> </ul>		50 %			
failure rate [FIT]					
with low demand rate according to SN 31920		50 FIT			
T1 value for proof test interv 61508			10 a		
protection class IP on the front according to IEC 60529		IP20			
touch protection on the fr			finger-safe, for vertical contact	ct from the front	
display version for switching		0 00020	Handle		
Certificates/ approvals	gotatao		Tanalo		
				For use in hererdoue	leastions
General Product Approva	1			For use in hazardous	locations
<u>Confirmation</u>		(U) U	EHC	IECEx	K ATEX
Declaration of Conformity	y	Test Certificat	es	Marine / Shipping	
CE EG-Konf.	UK	<u>Type Test Cer</u> <u>ates/Test Re</u>		ARS	
				100	VERITAS
Marine / Shipping				other	VERITAS
Marine / Shipping	Llovd's Register uis	PRS	RINA	other Confirmation	
ĴÅ ÞNV	Llovd's Register uts	PRS	RINA		VERITAS
Railway	Llovds Register Uts	PRS	RINA		VERITAS
Railway	Lloyd's Register uts	PRS	RINA		VERITAS
Railway	Lloyd's Register uts	PRS	RINA		VERITAS
Railway Confirmation	Vibration and Shock		WID-FILISSIDE-businees		VERITAS
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Further information         V         Confirmation       V         Siemens has decided to e https://press.siemens.com/c         Siemens has decided to e chttps://press.siemens.com/c         Siemens is working on the Please contact your local Si EAC relevant market (other Information on the package https://support.industry.siemens.com/ic         Information - and Downloa https://www.siemens.com/ic         Industry Mall (Online order https://mall.industry.siemens         Cax online generator         https://support.automation.sis         Service&Support (Manual: https://support.industry.siem         Image database (product in the service)	vit the Russian mar global/en/pressreleas e renewal of the cur iemens office on the s than the sanctioned ging nens.com/cs/ww/en/v adcenter (Catalogs, 210 ering system) s.com/mall/en/en/Cat emens.com/WW/CAX is, Certificates, Chai nens.com/cs/ww/en/p images, 2D dimensi iens.com/bilddb/cax haracteristics, I²t, Lu	e/siemens-wind-dc rent EAC certifica status of validity of EAEU member sta iew/109813875 Brochures,) talog/product?mlfb Korder/default.asp racteristics, FAQ is/3RV2011-0KA15 ion drawings, 3D de.aspx?mlfb=3R) et-through curren	ates. i the EAC certification if you inte ates Russia or Belarus). =3RV2011-0KA15 (?lang=en&mlfb=3RV2011-0KA s,) 2 models, device circuit diagram (2011-0KA15⟨=en nt	Confirmation	ly these products to an

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2011-0KA15&objecttype=14&gridview=view1



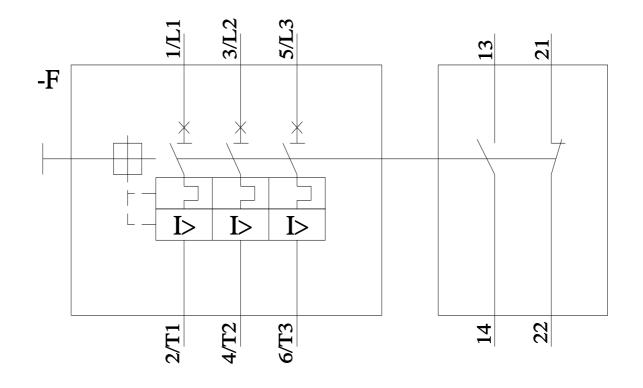




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