## SIEMENS

## Data sheet

## 3RV2011-1GA25



Circuit breaker size S00 for motor protection, CLASS 10 A-release 4.5...6.3 A N-release 82 A Spring-type terminal Standard switching capacity with transverse auxiliary switches 1 NO+1 NC  $\,$ 

product brand name         SIRUS           product designation         Circuit breaker           design of the product         For motor protection           product type designation         3RV2           Canoral technical data		
design of the product         For motor protection           product type designation         3RV2           Ceneral technical data         3RV2           Size of the circuit-breaker         S00           size of the circuit-breaker         S00, S0           product extension auxiliary switch         Yes           power loss [W] 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         680 V           surge voltage resistance rated value         6 kV           shock resistance according to IEC 60068-2.27         25 g/ 11 ms           mechanical service IIf (operating cycles)         *           • of the main contacts typical         100 000           • of auxiliary contacts typical         100 000           efforence code according to IEC 81366-2         Q           Substance Prohibitance (Date)         100/1/2009           Weight         0.41 kg           Ambient conditions         - <tr< th=""><th>product brand name</th><th>SIRIUS</th></tr<>	product brand name	SIRIUS
product type designation         3RV2           Central technical data	product designation	Circuit breaker
General technical data         S00           size of the circuit-breaker         S00, S0           size of contactor can be combined company-specific         S00, S0           product extension auxiliary switch         Yes           power loss [W] for rated value of the current         *           • 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         64V           shock resistance according to IEC 60068-2.27         Z5g/ 11 ms           mechanical service life (operating cycles)         *           • of the main contacts typical         100 000           • of auxiliary contacts typical         100 000           reference oda according to IEC 81346-2         Q           Substance Prohibitance (Date)         10/01/2009           Weight         0.41 kg           Ambient conditions         2000 m           installation altude at height above sea level maximum         2 000 m           aduring transport         -50+80 °C           • 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       powr loss (W) for rated value of the current     • at AC in hot operating state     7.25 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 according to IEC 60068-2-27     25g / 11 ms       mechanical service life (operating cycles)     • of the main contacts typical       • of the main contacts typical     100 000       • of auxiliary contacts typical     100 000       • of auxiliary contacts typical     100 000       efference code according to IEC 81346-2     Q       Substance Prohibitance (Date)     100/01/2009       Weight     0.41 kg       Ambient temperature     • during operation       • during operation     -20 +60 °C       • during operation     -50 +80 °C       • during operation     -50 +80 °C       relative humidity during operation     10	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     ************************************	General technical data	
product extension auxiliary switch         Yes           power loss [W] for rated value of the current         7.25 W           • at AC in hot operating state         7.25 W           • at AC in hot operating state prole         2.4 W           insulation voltage with degree of pollution 3 at AC rated value         690 V           surge voltage resistance rated value         64V           shock resistance according to IEC 60068-2-27         25g / 11 ms           mechanical service life (operating cycles)         6           • of the main contacts typical         100 000           • of auxiliary contacts typical         100 000           efference code according to IEC 81346-2         Q           Substance Prohibitance (Date)         10/01/2009           Weight         0.41 kg           Ambient conditions         101/01/2009           installation altitude at height above sea level maximum         2 000 m           ambient temperature         -20 +60 °C           • during operation         -20 +60 °C           • during transport         -50 +80 °C           relative humidity during operation         10 95 %           Environmental footprint	size of the circuit-breaker	S00
power loss [W] for rated value of the current         7.25 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         60 V           surge voltage resistance according to IEC 60068-2-27         25g / 11 ms           mechanical service life (operating cycles)         6           • of the main contacts typical         100 000           • of auxilary contacts typical         100 000           electrical endurance (operating cycles) typical         100 000           electrical endurance (operating cycles) typical         100 000           electrical endurance (operating cycles) typical         100 000           velocity         0.001/2009           Weight         0.41 kg           Ambient conditions         -20 +60 °C           installation altitude at height above sea level maximum         2 000 m           ambient temporature         -20 +60 °C           • during torage         -50 +80 °C           • during transport         -50 +80 °C           relative humidity during operation         10 95 %           Environmental footprint         global warming potential [CO2 eq] during manufacturing           global warming potential [CO2 eq] during s	size of contactor can be combined company-specific	S00, S0
• 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         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           electrical endurance (operating cycles) typical         100 10000           electrical endurance (operating cycles) typical         100 10000           electrical endurance (operating cycles) typical         100 102009           Weight         0.41 kg           Ambient conditions         -           installation altitude at height above sea level maximum         2 000 m           ambient temperature         -           • during poration         -20 +60 °C           • during transport         -50 +80 °C           • during to	product extension auxiliary switch	Yes
• 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 60068-2-27       259 (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         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Weight       0.41 kg         Ambient conditions       -         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -20 +60 °C         • during strage       -50 +80 °C         • during transport       -50 +80 °C         • during transport       -50 +80 °C         relative humidity during operation       10.98 %         Environmental footprint       global warming potential [CO2 eq] during manufacturing         global warming potential [CO2 eq] during sales       0.134 kg         global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] dur	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 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 electrical endurance (operating cycles) typical 100 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) Weight 0.41 kg Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during ransport relative humidity during operation 1095 % Environmental footprint global warming potential [CO2 eq] during manufacturing global warming potential [CO2 eq] during sales 0.134 kg global warming potential [CO2 eq] during sales 0.134 kg global warming potential [CO2 eq] during operation 72.7 kg global warming potential [CO2 eq] during operation 72.7 kg global warming potential [CO2 eq] during sales 0.134 kg global warming potential [CO2 eq] during operation 72.7 kg global warming potential [CO2 eq] during operation 72.7 kg Siemens Eco Profile (SEP) Siemens Eco Profile (SEP) Main circuit	<ul> <li>at AC in hot operating state</li> </ul>	7.25 W
surge voltage resistance rated value       6 kV         shock resistance according to IEC 60068-2-27       25g / 11 ms         mechanical service life (operating cycles)       100 000         • of auxiliary contacts typical       100 000         electrical endurance (operating cycles) typical       100 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Weight       0.41 kg         Ambient conditions       installation altitude at height above sea level maximum         2 000 m       ambient temperature         • during operation       -20 +60 °C         • during transport       -50 +80 °C         • during transport       -50 +80 °C         relative humidity during operation       10 95 %         Environmental footprint	<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)     100 000       • of the main contacts typical     100 000       • of auxiliary contacts typical     100 000       electrical endurance (operating cycles) typical     100 000       reference code according to IEC 81346-2     Q       Substance Prohibitance (Date)     10/01/2009       Weight     0.41 kg       Ambient conditions     10/01/2009       installation altitude at height above sea level maximum     2 000 m       ambient temperature     -20 +60 °C       • during operation     -20 +80 °C       • during transport     -50 +80 °C       relative humidity during operation     10 95 %       Environmental footprint     1.98 kg       global warming potential [CO2 eq] during manufacturing     1.98 kg       global warming potential [CO2 eq] during sales     0.134 kg       global warming potential [CO2 eq] during operation     72.7 kg       global warming potential [CO2 eq] during operation     72.7 kg       global warming potential [CO2 eq] during operation     72.7 kg       global warming potential [CO2 eq] during operation     72.7 kg       global warming potential [CO2 eq] during operation     72.7 kg       global warming potential [CO2 eq] during operation     72.7 kg	insulation voltage with degree of pollution 3 at AC rated value	690 V
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         reference code according to IEC 81346-2         Q         Substance Prohibitance (Date)         10/01/2009         Weight         0.41 kg         Ambient conditions         installation altitude at height above sea level maximum         2 000 m         ambient temperature         • during operation         -20 +60 °C         • during storage         -50 +80 °C         • during operation         10 95 %         Environmental footprint         global warming potential [CO2 eq] total         74.698 kg         global warming potential [CO2 eq] during sales         0.134 kg         global warming potential [CO2 eq] during operation         72.7 kg         global warming potential [CO2 eq] during operation         72.7 kg         global warming potential [CO2 eq] during operation         72.7 kg         global warming potential [CO2 eq] during operation	surge voltage resistance rated value	6 kV
of the main contacts typical     100 000     of auxiliary contacts typical     100 000     electrical endurance (operating cycles) typical     100 000     reference code according to IEC 81346-2     Q     Substance Prohibitance (Date)     10/01/2009 Weight     0.41 kg Ambient conditions     installation altitude at height above sea level maximum     2 000 m     ambient temperature     oduring operation     -20 +60 °C     oduring storage     -50 +80 °C     oduring storage     oduring operation     10 95 % Environmental footprint global warming potential [CO2 eq] during manufacturing     global warming potential [CO2 eq] during sales     global warming potential [CO2 eq] during operation     72.7 kg global warming potential [CO2 eq] during operation     72.7 kg global warming potential [CO2 eq] during operation     72.7 kg global warming potential [CO2 eq] during operation     72.7 kg global warming potential [CO2 eq] during sales     0.134 kg global warming potential [CO2 eq] after end of life     -0.116 kg Siemens Eco Profile (SEP)	shock resistance according to IEC 60068-2-27	25g / 11 ms
• of auxiliary contacts typical       100 000         electrical endurance (operating cycles) typical       100 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Weight       0.41 kg         Ambient conditions       2000 m         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 %         Environmental footprint       global warming potential [CO2 eq] total         global warming potential [CO2 eq] during manufacturing       1.98 kg         global warming potential [CO2 eq] during sales       0.134 kg         global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] after end of life       -0.116 kg         Siemens Eco Profile (SEP)       Siemens EcoTech         Main circuit	mechanical service life (operating cycles)	
electrical endurance (operating cycles) typical       100 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Weight       0.41 kg         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -20 +60 °C         • during operation       -20 +60 °C         • during transport       -50 +80 °C         • during transport       -50 +80 °C         • during transport       -50 +80 °C         global warming potential [CO2 eq] total       74.698 kg         global warming potential [CO2 eq] during manufacturing       1.98 kg         global warming potential [CO2 eq] during sales       0.134 kg         global warming potential [CO2 eq] during sales       0.134 kg         global warming potential [CO2 eq] after end of life       -0.116 kg         Siemens Eco Profile (SEP)       Siemens EcoTech	<ul> <li>of the main contacts typical</li> </ul>	100 000
reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         Weight       0.41 kg         Ambient conditions       2 000 m         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 %         Environmental footprint       global warming potential [CO2 eq] total       74.698 kg         global warming potential [CO2 eq] during manufacturing       1.98 kg       0.134 kg         global warming potential [CO2 eq] during operation       72.7 kg       global warming potential [CO2 eq] during operation         global warming potential [CO2 eq] during operation       72.7 kg       global warming potential [CO2 eq] during operation         global warming potential [CO2 eq] during operation       72.7 kg       global warming potential [CO2 eq] during operation         Siemens Eco Profile (SEP)       Siemens EcoTech       Main circuit	<ul> <li>of auxiliary contacts typical</li> </ul>	100 000
Substance Prohibitance (Date)       10/01/2009         Weight       0.41 kg         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       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 %         Environmental footprint       198 kg         global warming potential [CO2 eq] total       74.698 kg         global warming potential [CO2 eq] during manufacturing       1.98 kg         global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] after end of life       -0.116 kg         Siemens Eco Profile (SEP)       Siemens EcoTech         Main circuit       4000000000000000000000000000000000000	electrical endurance (operating cycles) typical	100 000
Weight       0.41 kg         Ambient conditions       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 %         Environmental footprint       global warming potential [CO2 eq] total         global warming potential [CO2 eq] during manufacturing       1.98 kg         global warming potential [CO2 eq] during sales       0.134 kg         global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] after end of life       -0.116 kg         Siemens Eco Profile (SEP)       Siemens EcoTech         Main circuit       Main circuit	reference code according to IEC 81346-2	Q
Ambient conditions       2 000 m         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 %         Environmental footprint       global warming potential [CO2 eq] total         global warming potential [CO2 eq] during manufacturing       1.98 kg         global warming potential [CO2 eq] during sales       0.134 kg         global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] after end of life       -0.116 kg         Siemens Eco Profile (SEP)       Siemens EcoTech         Main circuit	Substance Prohibitance (Date)	10/01/2009
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 %         Environmental footprint       global warming potential [CO2 eq] during manufacturing         global warming potential [CO2 eq] during sales       0.134 kg         global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] after end of life       -0.116 kg         Siemens Eco Profile (SEP)       Siemens EcoTech         Main circuit	Weight	0.41 kg
ambient temperature       -20 +60 °C         • during operation       -20 +80 °C         • during transport       -50 +80 °C         • during transport       -50 +80 °C         relative humidity during operation       10 95 %         Environmental footprint       global warming potential [CO2 eq] total         global warming potential [CO2 eq] during manufacturing       1.98 kg         global warming potential [CO2 eq] during sales       0.134 kg         global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] after end of life       -0.116 kg         Siemens Eco Profile (SEP)       Siemens EcoTech         Main circuit	Ambient conditions	
• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °Crelative humidity during operation10 95 %Environmental footprintglobal warming potential [CO2 eq] total74.698 kgglobal warming potential [CO2 eq] during manufacturing1.98 kgglobal warming potential [CO2 eq] during sales0.134 kgglobal warming potential [CO2 eq] during operation72.7 kgglobal warming potential [CO2 eq] after end of life-0.116 kgSiemens Eco Profile (SEP)Siemens EcoTechMain circuit	installation altitude at height above sea level maximum	2 000 m
• during storage       -50 +80 °C         • during transport       -50 +80 °C         relative humidity during operation       10 95 %         Environmental footprint       global warming potential [CO2 eq] total         global warming potential [CO2 eq] during manufacturing       1.98 kg         global warming potential [CO2 eq] during sales       0.134 kg         global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] after end of life       -0.116 kg         Siemens Eco Profile (SEP)       Siemens EcoTech	ambient temperature	
• during transport       -50 +80 °C         relative humidity during operation       10 95 %         Environmental footprint	<ul> <li>during operation</li> </ul>	-20 +60 °C
relative humidity during operation       10 95 %         Environmental footprint	during storage	-50 +80 °C
Environmental footprint         global warming potential [CO2 eq] total       74.698 kg         global warming potential [CO2 eq] during manufacturing       1.98 kg         global warming potential [CO2 eq] during sales       0.134 kg         global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] after end of life       -0.116 kg         Siemens Eco Profile (SEP)       Siemens EcoTech         Main circuit	during transport	-50 +80 °C
global warming potential [CO2 eq] total74.698 kgglobal warming potential [CO2 eq] during manufacturing1.98 kgglobal warming potential [CO2 eq] during sales0.134 kgglobal warming potential [CO2 eq] during operation72.7 kgglobal warming potential [CO2 eq] after end of life-0.116 kgSiemens Eco Profile (SEP)Siemens EcoTechMain circuit	relative humidity during operation	10 95 %
global warming potential [CO2 eq] during manufacturing       1.98 kg         global warming potential [CO2 eq] during sales       0.134 kg         global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] after end of life       -0.116 kg         Siemens Eco Profile (SEP)       Siemens EcoTech         Main circuit	Environmental footprint	
global warming potential [CO2 eq] during sales       0.134 kg         global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] after end of life       -0.116 kg         Siemens Eco Profile (SEP)       Siemens EcoTech         Main circuit	global warming potential [CO2 eq] total	74.698 kg
global warming potential [CO2 eq] during operation       72.7 kg         global warming potential [CO2 eq] after end of life       -0.116 kg         Siemens Eco Profile (SEP)       Siemens EcoTech         Main circuit	global warming potential [CO2 eq] during manufacturing	1.98 kg
global warming potential [CO2 eq] after end of life       -0.116 kg         Siemens Eco Profile (SEP)       Siemens EcoTech         Main circuit       -0.116 kg	global warming potential [CO2 eq] during sales	0.134 kg
Siemens Eco Profile (SEP)     Siemens EcoTech       Main circuit     Siemens EcoTech	global warming potential [CO2 eq] during operation	72.7 kg
Main circuit	global warming potential [CO2 eq] after end of life	-0.116 kg
	Siemens Eco Profile (SEP)	Siemens EcoTech
number of poles for main current circuit 3	Main circuit	
	number of poles for main current circuit	3

adjustable current response value current of the current-	4.5 6.3 A
dependent overload release	4.0 0.0 A
type of voltage for main current circuit	AC/DC
operating voltage	
rated value	20 690 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
operating frequency rated value	50 60 Hz
operational current rated value	6.3 A
operational current	
<ul> <li>at AC-3 at 400 V rated value</li> </ul>	6.3 A
<ul> <li>at AC-3e at 400 V rated value</li> </ul>	6.3 A
operating power	
• at AC-3	
— at 230 V rated value	1.5 kW
— at 400 V rated value	2.2 kW
— at 500 V rated value	3 kW
— at 690 V rated value	4 kW
• at AC-3e	
— at 230 V rated value	1.5 kW
— at 400 V rated value	2.2 kW
— at 500 V rated value	3 kW
— at 690 V rated value	4 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
type of voltage for auxiliary and control circuit	AC/DC
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 120 V	0.5 A
• at 125 V	0.5 A
• at 230 V	0.5 A
operational current of auxiliary contacts at DC-13	4.0
● at 24 V ● at 60 V	1A 0.45 A
At 00 V Protective and monitoring functions	0.15 A
product function  ground fault detection	No
phase failure detection	Yes
• phase failure detection	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
at AC at 690 V rated value	6 kA
operating short-circuit current breaking capacity (Ics) at AC	
at 240 V rated value	100 kA
• at 400 V rated value	100 kA
at 500 V rated value	100 kA
at 690 V rated value	4 kA
response value current of instantaneous short-circuit trip unit	82 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value	6.3 A
at 600 V rated value	6.3 A

yielded mechanical performance [hp]	
• for single-phase AC motor	
— at 110/120 V rated value	0.25 hp
— at 230 V rated value	0.5 hp
<ul> <li>for 3-phase AC motor</li> </ul>	
— at 200/208 V rated value	1 hp
— at 220/230 V rated value	1.5 hp
— at 460/480 V rated value	3 hp
— at 575/600 V rated value	5 hp
contact rating of auxiliary contacts according to UL	C300 / R300
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
design of the fuse link	
• for short-circuit protection of the auxiliary switch required	Fuse gL/gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)
design of the fuse link for IT network for short-circuit protection of the main circuit	
• at 400 V	gL/gG 50 A
• at 500 V	gL/gG 40 A
• at 690 V	gL/gG 35 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	106 mm
width	45 mm
depth	97 mm
required spacing	
with side-by-side mounting at the side	0 mm
<ul> <li>for grounded parts at 400 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
• for live parts at 400 V	
— downwards	30 mm
— upwards	30 mm
— at the side	
	9 mm
• for grounded parts at 500 V	20 mm
— 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
<ul> <li>for grounded parts at 690 V</li> </ul>	
— 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	spring-loaded terminals
<ul> <li>for auxiliary and control circuit</li> </ul>	
type of electrical connection	spring-loaded terminals spring-loaded terminals

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vertical contact from the front
n <sup>KC</sup> ГПГ
₩ FAF
Marine / Shipping
Marine / Shipping
Marine / Shipping       Test Certific- ate     Image: Certific- ABS
Test Certific- ate



https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2011-1GA25

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2011-1GA25

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-1GA2

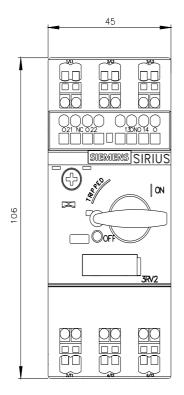
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

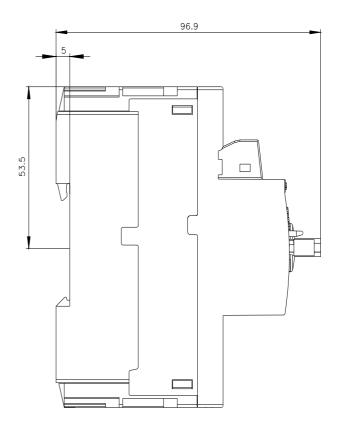
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RV2011-1GA25&lang=en

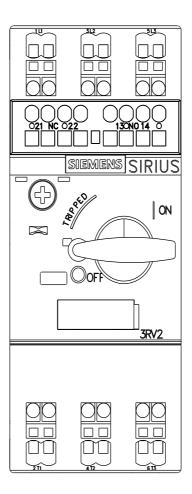
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

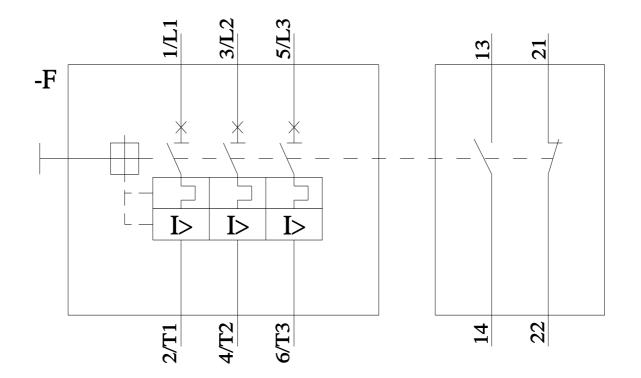
https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-1GA25/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2011-1GA25&objecttype=14&gridview=view1









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