## SIEMENS

## Data sheet

## 3RV2011-1AA10



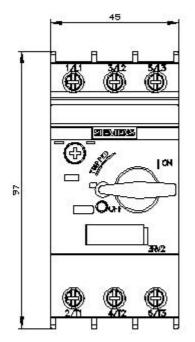
Circuit breaker size S00 for motor protection, CLASS 10 A-release 1.1...1.6 A N-release 21 A screw terminal Standard switching capacity

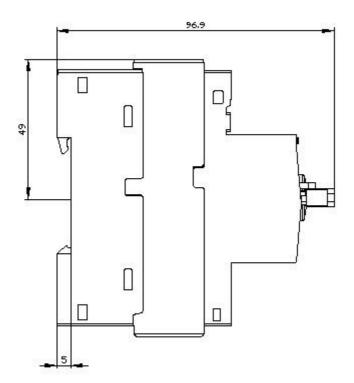
product brand name         SIRUS           product designation         Gircuit breaker           design of the product         For motor protection           product type designation         3RV2           General technical data         S00           size of the circuit-breaker         S00           product extension auxillary switch         Yes           product extension auxillary switch         Yes           opwor loss [W] for rated value of the current         4 AC in hot operating state per pole           at AC in hot operating state per pole         2.4 W           isuate on voltage with degree of pollution 3 at AC rated         690 V           surge voltage resistance rated value         6 kV           maximum permissible voltage for safe isolation in networks with grounded star point         400 V           • between main and auxillary circuit         400 V           • between main and auxillary circuit         400 V           • of auxillary contacts typical         100 000           electrical endurance (switching cycles) typical         100 000           • of auxillary contacts typical         100 000           centricate of suitability according to ATEX directive 2014/34/EU         Q           reference code acc. to IEC 81346-2         Q           Anabient temperature during operation		
design of the product         For motor protection           product type designation         3RV2           General technical data         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           • at AC in hot operating state per pole         2.4 W           insulation voltage with degree of pollution 3 at AC rated         690 V           value         690 V           surge voltage resistance rated value         6 kV           maximum permissible voltage for safe isolation in networks with grounded star point         400 V           • between main and auxiliary circuit         400 V           • between main and auxiliary circuit         400 V           • of auxiliary contacts typical         100 000           • of the main contacts typical         100 000           • of the main contacts typical         100 000           electrical endurance (switching cycles) typical         100 000           corticate of suitability according to ATEX directive         201 / 201	product brand name	SIRIUS
product type designation         3RV2           General technical data         size of contactor can be combined company-specific         S00           product extension auxiliary switch         Yes         S00           product extension auxiliary switch         Yes         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         980 V           insulation voltage with degree of pollution 3 at AC rated value         680 V           surge voltage resistance rated value         6 kV           maximum permissible voltage for safe isolation in networks with grounded star point         400 V           • between main and auxiliary circuit         400 V           • between main and auxiliary circuit         400 V           • of auxiliary contacts typical         100 000           • of auxiliary contacts typical         100 000           electrical endurance (switching cycles) typical         100 000           etatlebul         EX II (2) GD           certificate of suitability according to ATEX directive 2014/3/4/EU         DMT 02 ATEX F 001           certificate of suitability according to ATEX directive 2014/3/4/EU         Q0 m           entiticate of suitability according to atex directive 2014/3/4/EU         Q0 0 m <th>product designation</th> <th>Circuit breaker</th>	product designation	Circuit breaker
General technical data     size of the circuit-breaker     S00       size of contactor can be combined company-specific     S00, S0       product extension auxillary switch     Yes       power loss [W] for rated value of the current	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     7.25 W       • at AC in hot operating state     7.25 W       • at AC in hot operating state per pole     2.4 W       insultation voltage with degree of pollution 3 at AC rated value     690 V       surge voltage resistance rated value     6 kV       maximum permissible voltage for safe isolation in networks with grounded star point     400 V       • between main and auxiliary circuit     400 V       • of auxiliary contacts typical     100 000       electrical endura	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       *         • at AC in hot operating state       7.25 W         • at AC in hot operating state per pole       2.4 W         insultation voltage with degree of pollution 3 at AC rated value       680 V         surge voltage resistance rated value       6 kV         maximum permissible voltage for safe isolation in networks with grounded star point       400 V         • between main and auxiliary circuit       400 V         • of the main contacts typical       100 000         • of the main contacts typical       100 000         • of auxiliary contacts typical       100 000         • of auxiliary contacts typical       100 000         • of suitability according to ATEX directive       2014/34/EU         Certificate of suitability according to ATEX directive       2000 m         reference code acc. to IEC 81346-2       Q	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 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           maximum permissible voltage for safe isolation in networks with grounded star point         400 V           • between main and auxiliary circuit         400 V           • of the main contacts typical         100 000           electrical endurance (switching cycles) typical         100 000           electrical endurance (switching cycles) typical         100 000           certificate of suitability according to ATEX directive 2014/34/EU         DMT 02 ATEX F 001           2014/34/EU         DMT 02 ATEX F 001           eambient conditions         200 m	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       690 V         surge voltage resistance rated value       6 kV         maximum permissible voltage for safe isolation in networks with grounded star point       400 V         • between main and auxiliary circuit       400 V         • of the main contacts typical       100 000         • of the main contacts typical       100 000         • of auxiliary contacts typical       100 000         • of auxiliary contacts typical       100 000         type of protection according to ATEX directive       Ex II (2) GD         2014/34/EU       Certificate of suitability according to ATEX directive         2014/34/EU       DMT 02 ATEX F 001         reference code acc. to IEC 81346-2       Q         Amblent conditions       -20 +60 °C         installation altitude at height above sea level maximum       2 000 m	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       680 V         surge voltage resistance rated value       6 kV         maximum permissible voltage for safe isolation in networks with grounded star point       6 kV         • between main and auxiliary circuit       400 V         shock resistance acc. to IEC 60068-2-27       25g / 11 ms         mechanical service life (switching cycles)       100 000         • of the main contacts typical       100 000         electrical endurance (switching cycles) typical       100 000         electrical endurance (switching to ATEX directive 2014/34/EU       DMT 02 ATEX F 001         certificate of suitability according to ATEX directive 204/34/EU       Qu         reference code acc. to IEC 81346-2       Q         Ambient conditions       2000 m         • installation altitude at height above sea level maximum       2000 m         • ambient temperature during storage       -50 +80 °C         • ambient	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       690 V         surge voltage resistance rated value       6 kV         maximum permissible voltage for safe isolation in networks with grounded star point       400 V         • between main and auxiliary circuit       400 V         • between main and auxiliary circuit       400 V         shock resistance acc. to IEC 60068-2-27       25g / 11 ms         mechanical service life (switching cycles)       100 000         • of the main contacts typical       100 000         electrical endurance (switching cycles) typical       100 000         • of protection according to ATEX directive 2014/34/EU       DMT 02 ATEX F 001         certificate of suitability according to ATEX directive 2014/34/EU       Q         reference code acc. to IEC 81346-2       Q         Ambient conditions       2 000 m         • ambient temperature during operation       -20 +60 °C         • ambient temperature during storage       -50 +80 °C         • ambient temperature during transport       -50 +80 °C	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         maximum permissible voltage for safe isolation in networks with grounded star point       400 V         • between main and auxiliary circuit       400 V         • shock resistance acc. to IEC 60068-2-27       25g / 11 ms         mechanical service life (switching cycles)       100 000         • of the main contacts typical       100 000         type of protection according to ATEX directive       DMT 02 ATEX F 001         2014/34/EU       DMT 02 ATEX F 001         certificate of suitability according to ATEX directive       Q         ambient temperature during operation       -20 +60 °C         • ambient temperature during storage       -50	<ul> <li>at AC in hot operating state</li> </ul>	7.25 W
value       surge voltage rowsit and value         surge voltage resistance rated value       6 kV         maximum permissible voltage for safe isolation in networks with grounded star point       400 V         • between main and auxiliary circuit       400 V         • between main and auxiliary circuit       400 V         shock resistance acc. to IEC 60068-2-27       25g / 11 ms         mechanical service life (switching cycles)       100 000         • of the main contacts typical       100 000         electrical endurance (switching cycles) typical       100 000         electrical endurance (switching cycles) typical       100 000         certificate of suitability according to ATEX directive       DMT 02 ATEX F 001         2014/34/EU       DMT 02 ATEX F 001         reference code acc. to IEC 81346-2       Q         Ambient conditions       2 000 m         • ambient temperature during operation       -20 +60 °C         • ambient temperature during storage       -50 +80 °C         • ambient temperature during transport       -50 +80 °C         • ambient temperature during transport       -50 +80 °C         • ambient temperature during transport       -50 +80 °C         • ambient temperation       -20 +60 °C         • ambient temperation       -20 +60 °C <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
maximum permissible voltage for safe isolation in         networks with grounded star point         • between main and auxiliary circuit         400 V         • between main and auxiliary circuit         400 V         shock resistance acc. to IEC 60068-2-27         25g / 11 ms         mechanical service life (switching cycles)         • of the main contacts typical         100 000         electrical endurance (switching cycles) typical         100 000         electrical endurance (switching cycles) typical         certificate of suitability according to ATEX directive         2014/34/EU         certificate of suitability according to ATEX directive         2014/34/EU         installation allitude at height above sea level maximum         2 000 m         • ambient temperature during operation         -20 +60 °C         • ambient temperature during storage         -50 +80 °C         temperature compensation         -20 +60 °C         relative humidity during operation         -20 +60 °C         • ambient temperature during transport         -50 +80 °C         temperature compensation         -20 +60 °C         relative humidity during operatio	0 0 1	690 V
networks with grounded star point400 V• between main and auxiliary circuit400 V• between main and auxiliary circuit400 Vshock resistance acc. to IEC 60068-2-2725g / 11 msmechanical service life (switching cycles)100 000• of the main contacts typical100 000electrical endurance (switching 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 acc. to IEC 81346-2QAmbient conditions-20 +60 °C• ambient temperature during storage • armbient temperature during storage • ambient temperature during transport-50 +80 °C• ambient temperature during transport-20 +60 °C• ambient temperation • 20 +60 °C-20 +60 °C• ambient temperature during storage • ambient temperature during transport-50 +80 °C• ambient temperation 	surge voltage resistance rated value	6 kV
• between main and auxiliary circuit400 Vshock resistance acc. to IEC 60068-2-2725g / 11 msmechanical service life (switching cycles)100 000• of the main contacts typical100 000electrical endurance (switching cycles) typical100 000electrical endurance (switching cycles) typical100 000certificate of suitability according to ATEX directive 2014/34/EUDMT 02 ATEX F 001certificate of suitability according to ATEX directive 2014/34/EUQAmbient conditions2 000 minstallation altitude at height above sea level maximum2 000 m• ambient temperature during operation • ambient temperature during storage • ambient temperature during transport-50 +80 °C• ambient temperature during operation • 20 +60 °C-20 +60 °C• ambient temperature during transport-20 +60 °C• ambient temperature during transport • 20 +80 °C-20 +60 °C• ambient temperature during transport • 10 95 %-20 +60 °CMain circuit number of poles for main current circuit3		
shock resistance acc. to IEC 60068-2-27       25g / 11 ms         mechanical service life (switching cycles)       100 000         • of the main contacts typical       100 000         electrical endurance (switching 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       DMT 02 ATEX F 001         reference code acc. to IEC 81346-2       Q         Ambient conditions       2 000 m         • ambient temperature during operation       -20 +60 °C         • ambient temperature during storage       -50 +80 °C         • ambient temperature during transport       -50 +80 °C         relative humidity during operation       -20 +60 °C         • ambient temperature during transport       -50 +80 °C         • ambient temperature during transport       -50 +80 °C         • ambient temperation       -20 +60 °C         • ambient temperation       -20 +60 °C         • ambient temperation       -20 +60 °C         • ambient temperation       -3	<ul> <li>between main and auxiliary circuit</li> </ul>	400 V
mechanical service life (switching cycles)• of the main contacts typical100 000• of auxiliary contacts typical100 000electrical endurance (switching 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 acc. to IEC 81346-2QAmbient conditions2 000 m• ambient temperature during operation • ambient temperature during storage • ambient temperature during storage • ambient temperature during transport • ES +80 °C • ambient temperation • 20 +60 °C • 20 +60 °C • 3 +80 °Ctemperature compensation relative humidity during operation • 20 +60 °C • 3 +80 °Cmumber of poles for main current circuit3	<ul> <li>between main and auxiliary circuit</li> </ul>	400 V
• of the main contacts typical100 000• of auxiliary contacts typical100 000electrical endurance (switching 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 001certificate of suitability according to ATEX directive 2014/34/EUQAmbient conditionsQinstallation altitude at height above sea level maximum2 000 m• ambient temperature during operation • ambient temperature during storage • ambient temperature during storage • ambient temperature during transport • E30 ···· +80 °C • C • ambient temperation-20 +60 °C • C • +80 °Ctemperature compensation relative humidity during operation relative humidity during operation-20 +60 °C • C • - 30 °Cmumber of poles for main current circuit3	shock resistance acc. to IEC 60068-2-27	25g / 11 ms
• of auxiliary contacts typical100 000electrical endurance (switching 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 acc. to IEC 81346-2QAmbient conditionsQinstallation altitude at height above sea level maximum2 000 m• ambient temperature during operation • ambient temperature during storage • ambient temperature during storage • ambient temperature during storage • ambient temperature during transport-20 +60 °C - 0 +80 °C - 0 +80 °Ctemperature compensation relative humidity during operation frelative humidity during operation-20 +60 °C - 0 +80 °Cmumber of poles for main current circuit3	mechanical service life (switching cycles)	
electrical endurance (switching 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 acc. to IEC 81346-2QAmbient conditionsQinstallation altitude at height above sea level maximum2 000 m• ambient temperature during operation • ambient temperature during storage • ambient temperature during storage • ambient temperature during transport-20 +60 °C• ambient temperature during transport relative humidity during operation-20 +60 °C• and the temperature during transport • 10 95 %-20 95 %	<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 acc. to IEC 81346-2QAmbient conditions2 000 minstallation altitude at height above sea level maximum2 000 m• ambient temperature during operation • ambient temperature during storage • ambient temperature during transport-20 +60 °C• ambient temperature during transport relative humidity during operation-20 +60 °Ctemperature compensation relative humidity during operation-20 +60 °Cmumber of poles for main current circuit3	<ul> <li>of auxiliary contacts typical</li> </ul>	100 000
2014/34/EUDMT 02 ATEX F 001certificate of suitability according to ATEX directive 2014/34/EUDMT 02 ATEX F 001reference code acc. to IEC 81346-2QAmbient conditionsQinstallation altitude at height above sea level maximum2 000 m• ambient temperature during operation • ambient temperature during storage • ambient temperature during transport-20 +60 °C• ambient temperature during transport • 50 +80 °C-50 +80 °Ctemperature compensation relative humidity during operation-20 +60 °C10 95 %Main circuitnumber of poles for main current circuit3	electrical endurance (switching cycles) typical	100 000
2014/34/EU       Q         reference code acc. to IEC 81346-2       Q         Ambient conditions       0         installation altitude at height above sea level maximum       2 000 m         • ambient temperature during operation       -20 +60 °C         • ambient temperature during storage       -50 +80 °C         • ambient temperature during transport       -50 +80 °C         • ambient temperature during transport       -20 +60 °C         temperature compensation       -20 +60 °C         relative humidity during operation       10 95 %         Main circuit       3		Ex II (2) GD
Ambient conditions         installation altitude at height above sea level maximum       2 000 m         • ambient temperature during operation       -20 +60 °C         • ambient temperature during storage       -50 +80 °C         • ambient temperature during transport       -50 +80 °C         • ambient temperature during transport       -20 +60 °C         temperature compensation       -20 +60 °C         relative humidity during operation       10 95 %         Main circuit       3		DMT 02 ATEX F 001
installation altitude at height above sea level maximum       2 000 m         • ambient temperature during operation       -20 +60 °C         • ambient temperature during storage       -50 +80 °C         • ambient temperature during transport       -50 +80 °C         • ambient temperature during transport       -50 +80 °C         temperature compensation       -20 +60 °C         relative humidity during operation       10 95 %         Main circuit       3	reference code acc. to IEC 81346-2	Q
• ambient temperature during operation       -20 +60 °C         • ambient temperature during storage       -50 +80 °C         • ambient temperature during transport       -50 +80 °C         • ambient temperature during transport       -50 +80 °C         • temperature compensation       -20 +60 °C         relative humidity during operation       10 95 %         Main circuit       3	Ambient conditions	
ambient temperature during storage     ambient temperature during transport     ambient temperature during transport     -50 +80 °C     -50 +80 °C     -20 +60 °C     relative humidity during operation     10 95 %     Main circuit     number of poles for main current circuit     3	installation altitude at height above sea level maximum	2 000 m
ambient temperature during transport     -50 +80 °C     temperature compensation     -20 +60 °C     relative humidity during operation     10 95 %     Main circuit     number of poles for main current circuit     3	<ul> <li>ambient temperature during operation</li> </ul>	-20 +60 °C
temperature compensation       -20 +60 °C         relative humidity during operation       10 95 %         Main circuit       3	<ul> <li>ambient temperature during storage</li> </ul>	-50 +80 °C
relative humidity during operation       10 95 %         Main circuit       3	<ul> <li>ambient temperature during transport</li> </ul>	-50 +80 °C
Main circuit     3	temperature compensation	-20 +60 °C
number of poles for main current circuit 3	relative humidity during operation	10 95 %
	Main circuit	
adjustable current response value current of the 1.1 1.6 A	number of poles for main current circuit	3
	adjustable current response value current of the	1.1 1.6 A

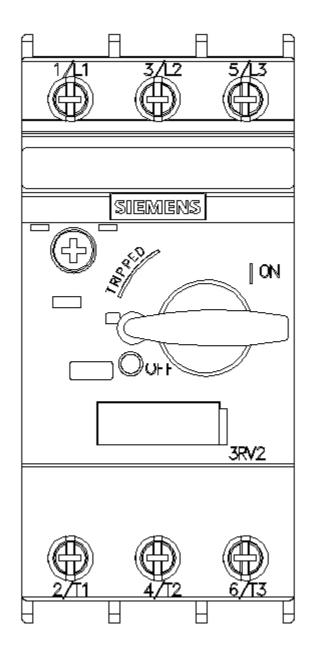
current-dependent overload release	
<ul> <li>operating voltage rated value</li> </ul>	690 V
<ul> <li>operating voltage at AC-3 rated value maximum</li> </ul>	690 V
operating frequency rated value	50 60 Hz
operational current rated value	1.6 A
operational current at AC-3 at 400 V rated value	1.6 A
operating power at AC-3	
at 230 V rated value	250 W
• at 400 V rated value	550 W
• at 500 V rated value	750 W
<ul> <li>at 690 V rated value</li> </ul>	1 100 W
operating frequency at AC-3 maximum	15 1/h
Auxiliary circuit	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
number of CO contacts for auxiliary contacts	0
	0
Protective and monitoring functions	
product function	
ground fault detection	No
phase failure detection	Yes
trip class	CLASS 10
design of the overload release	thermal
breaking capacity operating short-circuit current (Ics) at AC	
<ul> <li>at 240 V rated value</li> </ul>	100 kA
<ul> <li>at 400 V rated value</li> </ul>	100 kA
<ul> <li>at 500 V rated value</li> </ul>	100 kA
• at 690 V rated value	100 kA
breaking capacity maximum short-circuit current (Icu)	
<ul> <li>at AC at 240 V rated value</li> </ul>	100 kA
<ul> <li>at AC at 400 V rated value</li> </ul>	100 kA
<ul> <li>at AC at 500 V rated value</li> </ul>	100 kA
<ul> <li>at AC at 690 V rated value</li> </ul>	100 kA
response value current of instantaneous short-circuit trip unit	21 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value	1.6 A
<ul> <li>at 600 V rated value</li> </ul>	1.6 A
yielded mechanical performance [hp]	
• for single-phase AC motor	
— at 230 V rated value	0.1 hp
• for 3-phase AC motor	
- at 460/480 V rated value	0.75 hp
— at 575/600 V rated value	0.75 hp
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
design of the fuse link for IT network for short-circuit protection of the main circuit	
• at 500 V	gL/gG 20 A
• at 690 V	gL/gG 16 A
	9L90 10 A
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715
height	97 mm
width	45 mm

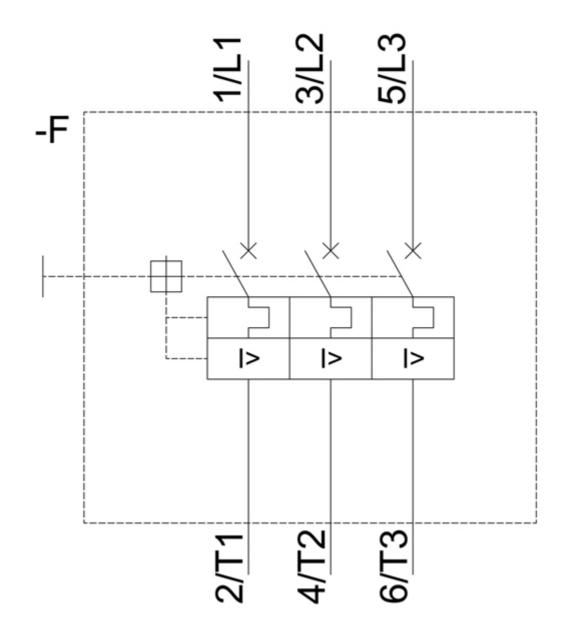
depth	97 mm
required spacing	
• for grounded parts at 400 V	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for live parts at 400 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for grounded parts at 500 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for live parts at 500 V</li> </ul>	
— 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	
product function removable terminal for auxiliary and control circuit	No
type of electrical connection	
<ul> <li>for main current circuit</li> </ul>	screw-type terminals
arrangement of electrical connectors for main current circuit	Top and bottom
type of connectable conductor cross-sections	
<ul> <li>for main contacts</li> </ul>	
— 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)
at AWG cables for main contacts	2x (18 14), 2x 12
<ul> <li>tightening torque for main contacts with screw-type terminals</li> </ul>	0.8 1.2 N·m
design of screwdriver shaft	Diameter 5 to 6 mm
size of the screwdriver tip	Pozidriv 2
design of the thread of the connection screw	
• • • • ·	M2
for main contacts	M3
for main contacts Safety related data	M3
Safety related data	5 000
Safety related data B10 value	
Safety related data B10 value • with high demand rate acc. to SN 31920	
Safety related data B10 value • with high demand rate acc. to SN 31920 proportion of dangerous failures	5 000
Safety related data B10 value • with high demand rate acc. to SN 31920 proportion of dangerous failures • with low demand rate acc. to SN 31920	5 000 50 %
Safety related data B10 value • with high demand rate acc. to SN 31920 proportion of dangerous failures • with low demand rate acc. to SN 31920 • with high demand rate acc. to SN 31920 failure rate [FIT] • with low demand rate acc. to SN 31920	5 000 50 %
Safety related data B10 value • with high demand rate acc. to SN 31920 proportion of dangerous failures • with low demand rate acc. to SN 31920 • with high demand rate acc. to SN 31920 failure rate [FIT]	5 000 50 % 50 %

touch protection of	on the front acc. to IEC	60529 finger-	safe, for vertical con	tact from the front		
display version for s	-	Handl	е			
Certificates/ approv	als					
General Product	Approval			For use in hazardo	ous locations	
SP SM	CCC		EAC	KEx ATEX	IECEx	
Declaration of Co	nformity	Test Certificates		Marine / Shipping		
CE EG-Konf.	<u>Miscellaneous</u>	<u>Type Test</u> <u>Certificates/Test</u> <u>Report</u>	<u>Special Test</u> <u>Certificate</u>	ABS	BUREAU	
Marine / Shipping					other	
Lloydis Register urs	PRS	RINA	RMRS	DNV-GL DNV-GL	<u>Confirmation</u>	
other	Railway					
UDE VDE	<u>Confirmation</u>	Vibration and Shock				
Further information 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=3RV2011-1AA10						
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2011-1AA10						
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-1AA10 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2011-1AA10⟨=en						
Characteristic: Tri	pping characteristics,	l <sup>2</sup> t, Let-through current /en/ps/3RV2011-1AA10/c				
Further characteri	stics (e.g. electrical en	durance, switching freq index.aspx?view=Search	uency)	10&objecttype=14&gri	<u>dview=view1</u>	
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