## SIEMENS

## Data sheet

## 3RV2311-1FC10



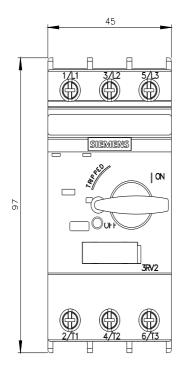
Circuit breaker size S00 for starter combination Rated current 5 A N release 65 A screw terminal Standard switching capacity

product brand name         SIRUS           product designation         Circuit breaker           design of the product         For stater combinations           product type designation         3RV2           General technical data         size of the circuit-breaker           Size of the circuit-breaker         S00           product extension auxiliary switch         Yes           power loss [W1 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         68 V           surge voltage resistance rated value         64 V           shock resistance according to IEC 60068-227         Z5g /11 ms           mechanical service lif (operating cycles)         *           • of the main contacts typical         100 000           • of auxiliary contacts typical         100 000           • of auxiliary contacts typical         100 000           reference code according to IEC 81346-2         Q           Substance Prohibitance (Detain)         100/12009           SWHC substance name         Lead - 7439-92-1           Ambient conditions         200 m           installon allitude at height above sea level maximum         2000 m           amblent temperature <th></th> <th></th>					
design of the product         For starter combinations           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 extension         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         660 V           surge voltage resistance rated value         6 kV           shots resistance according to IEC 60068-2.27         25g/111 ms           mechanical service IIf (operating cycles)         *           • of the main contacts typical         100 000           efference code according to IEC 8136-2         Q           Substance Prohibitance (Date)         100/1/2009           SVHC substance name         Lead - 7439-92-1           Antibient conditions         -           installation altitude at height above sea level maximum         2 000 m           anblent temperature         -           • (utring storage         -50 +60 °C           • (utring storage         -50 +	product brand name	SIRIUS			
product type designation         3RV2           General technical data	product designation	Circuit breaker			
General technical data     500       size of the circuit-breaker     500       size of contactor can be combined company-specific     500, S0       product extension auxilary switch     Yes       power loss [W] for rated value of the current     600 V       • 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     64 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       electrical endurance (operating cycles) typical     100 000       reference code according to IEC 81346-2     Q       Substance Prohibitance (Date)     10/01/2009       SVHC substance name     Lead - 7439-92-1       Ambient conditions     -20 +60 °C       installation altitude at height above sea level maximum     2 000 m       ambient temperature     -50 +80 °C       • during transport     -50 +80 °C       • during transport     -50	design of the product	For starter combinations			
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     • at AC in hot operating state     7.25 W       • at AC in hot operating state per pole     2.4 W     • at AC in hot operating state per pole     680 V       surge voltage with degree of pollution 3 at AC rated value     680 V     • starte control of the current       • of the main contacts typical     100 000     • of auxiliary contacts typical     100 000       • of the main contacts typical     100 000     • of auxiliary contacts typical     100 000       • of the main contacts typical     100 000     • of auxiliary contacts typical     100 000       • of the main contacts typical     100 000     • of auxiliary contacts typical     100 000       • of the main contacts typical     100 000     • of auxiliary contacts typical     100 000       • of the main contacts typical     100 000     • of auxiliary contacts typical     100 000       • of the main contacts typical     100 000     • of auxiliary contacts typical     100 000       • of auxiliary contacts typical     100 000     • of auxiliary contacts typical     100 000       • after auture of pole for main     • at AC-39     • at AC-39     • at AC-39       • during operation	product type designation	3RV2			
size of contactor can be combined company-specific     \$00, \$0       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     64 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       • electrical endurance (operating cycles) typical     100 000       • of auxiliary contacts typical     100 000       reference code according to IEC 81346-2     Q       Substance Prohibitance (Date)     100/1/2009       SVHC substance name     Lead - 7439-92-1       Ambient conditions     -       installation altitude at height above sea level maximum     2 000 m       ambient temperature     -       • during operation     -20 +60 °C       • during operation     -20 +60 °C       • during transport     -50 +80 °C       relative humidity during operation     10 95 %       Main circuit     3       operating frequency rated value m	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 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)         6           • of the main contacts typical         100 000           • of auxiliary contacts typical         100 000           • of auxiliary contacts typical         100 000           effectical endurance (operating cycles) typical         100 000           reference code according to IEC 81346-2         Q           Substance Prohibitance (Date)         10/01/2009           SVLS substance name         Lead - 7439-92-1           Ambient conditions         200 m           installation altitude at height above sea level maximum         2 000 m           ambient tomperature         -20 +60 °C           • during storage         -50 +80 °C           relative humidity during operation         10 95 %           Main circuit         3           number	size of the circuit-breaker	S00			
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       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)       6 kV         • 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       100/01/2009         Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Lead - 7439-92-1         Amblent conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         amblent temperature       -20 +60 °C         • during operation       -20 +60 °C         • during transport       -50 +80 °C         •	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         electrical endurance (operating cycles) typical       100 000         electrical endurance (operating cycles) typical       100 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       100/1/2009         SVHC substance name       Lead - 7439-92-1         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         • during transport       -50 +80 °C         • rated value       20 690 V         • at AC-3 rated value maximum       690 V         • at AC-3 rated value maximum       690 V         • at AC-3 rated value maxi	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         shock resistance according to IEC 60068-2-27       25g /11 ms         mechanical service life (operating cycles)       -         • of the main contacts typical       100 000         electrical endurance (operating cycles) typical       100 000         electrical endurance (operating cycles) typical       100 000         substance Prohibitance (Date)       10/01/2009         SVHC substance name       Lead - 7439-92-1         Ambient conditions       -20 +60 °C         • during operation       -20 +60 °C         • during transport       -50	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       reference code according to IEC 81346-2     Q       Substance Prohibitance (Date)     10/01/2009       SVHC substance name     Lead - 7439-92-1       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 transport     -50 +80 °C       relative humidity during operation     10 95 %       Main circuit     3       number of poles for main current circuit     3       operating voltage     20 690 V       • at AC-3 rated value maximum     690 V       • at AC-3 r	<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 the main contacts typical       100 000         electrical endurance (operating cycles) typical       100 000         electrical endurance (operating cycles) typical       100 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Lead - 7439-92-1         Ambient conditions       installation altitude at height above sea level maximum         ambient temperature       -         • during operation       -20 +60 °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         operating voltage       -         • at AC-3 rated value maximum       690 V         • at AC-3 rated value maximum       690	<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)     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 IEC 81346-2     Q       Substance Prohibitance (Date)     10/01/2009       SVHC substance name     Lead - 7439-92-1       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 transport     -50 +80 °C       relative humidity during operation     10 95 %       Main circuit     3       operating voltage     -       • at AC-3 rated value maximum     690 V       • at AC-3 rated value maximum     690 V       • at AC-3 rated value     50 60 Hz       operating frequency rated value     50 60 Hz       operational current rated value     50 60 Hz	insulation voltage with degree of pollution 3 at AC rated value	690 V			
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         SVHC substance name       Lead - 7439-92-1         Ambient conditions       installation altitude at height above sea level maximum         ambient temperature       -20 +60 °C         • during operation       -20 +60 °C         • during storage       -50 +80 °C         • during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         operating voltage       -690 V         • at AC-3 rated value       20 690 V         • at AC-3 rated value maximum       690 V         • operating frequency rated value       50 60 Hz         operating frequency rated value       50 60 Hz	surge voltage resistance rated value	6 kV			
• of the main contacts typical100 000• of auxiliary contacts typical100 000electrical endurance (operating cycles) typical100 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009SVHC substance nameLead - 7439-92-1Ambient conditionsinstallation altitude at height above sea level maximumambient temperature2 000 m• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °Crelative humidity during operation10 95 %Main circuit3operating voltage20 690 V• at AC-3 rated value20 690 V• at AC-3 rated value maximum690 V• operating frequency rated value50 60 Hzoperating frequency rated value50 60 Hzoperating frequency rated value50 60 Hz	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         SVHC substance name       Lead - 7439-92-1         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 %         Main circuit       3         operating voltage       -0 690 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         • operating frequency rated value       50 60 Hz         operating leurent rated value       50 60 Hz	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         SVHC substance name       Lead - 7439-92-1         Ambient conditions       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         operating voltage       690 V         • at AC-3 rated value maximum       690 V         • at AC-3e rated value maximum       690 V         • at AC-3e rated value       50 60 Hz         operating frequency rated value       50 60 Hz	<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         SVHC substance name       Lead - 7439-92-1         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 %         Main circuit       3         number of poles for main current circuit       3         operating voltage       690 V         • at AC-3 rated value maximum       690 V         • at AC-3e rated value maximum       690 V         • at AC-3e rated value maximum       690 V         • perating frequency rated value       50 60 Hz         operating frequency rated value       50 60 Hz	<ul> <li>of auxiliary contacts typical</li> </ul>	100 000			
Substance Prohibitance (Date)       10/01/2009         SVHC substance name       Lead - 7439-92-1         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 %         Main circuit       3         number of poles for main current circuit       3         operating voltage       -         • 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         operating current rated value       50 60 Hz	electrical endurance (operating cycles) typical	100 000			
SVHC substance name       Lead - 7439-92-1         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 %         Main circuit       3         operating voltage       -20 690 V         • at AC-3 rated value maximum       690 V         • at AC-3e rated value maximum       690 V         • box 60 Hz       50 60 Hz	reference code according to IEC 81346-2	Q			
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 %         Main circuit       3         operating voltage       -         • rated value       20 690 V         • at AC-3 rated value maximum       690 V         • perating frequency rated value       50 60 Hz         operating frequency rated value       50 60 Hz	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 +80 °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         operating voltage       690 V         • at AC-3 rated value maximum       690 V         • at AC-3e rated value maximum       690 V         • at AC-3e rated value       50 60 Hz         operating frequency rated value       50 60 Hz	SVHC substance name	Lead - 7439-92-1			
ambient temperature• 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 circuit3operating voltage-0 690 V• at AC-3 rated value maximum690 V• at AC-3e rated value maximum690 V• at AC-3e rated value maximum50 60 Hzoperating frequency rated value50 60 Hz	Ambient conditions				
• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °C• relative humidity during operation10 95 %Main circuit3• number of poles for main current circuit3• operating voltage-• rated value20 690 V• at AC-3 rated value maximum690 V• at AC-3e rated value maximum690 V• operating frequency rated value50 60 Hz• operational current rated value50 60 Hz	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 %         Main circuit       3         number of poles for main current circuit       3         operating voltage       -         • 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       50 60 Hz	ambient temperature				
• during transport       -50 +80 °C         relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         operating voltage       -         • 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       50 A	<ul> <li>during operation</li> </ul>	-20 +60 °C			
relative humidity during operation       10 95 %         Main circuit       3         number of poles for main current circuit       3         operating voltage	during storage	-50 +80 °C			
Main circuit       3         number of poles for main current circuit       3         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         • operating frequency rated value       50 60 Hz         operational current rated value       5 A	during transport	-50 +80 °C			
number of poles for main current circuit       3         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         operating frequency rated value       50 60 Hz         operational current rated value       5 A	relative humidity during operation	10 95 %			
operating 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 value5 A	Main circuit				
• 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 value5 A	number of poles for main current circuit	3			
	operating voltage				
• at AC-3e rated value maximum     690 V       operating frequency rated value     50 60 Hz       operational current rated value     5 A	rated value	20 690 V			
operating frequency rated value     50 60 Hz       operational current rated value     5 A	<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V			
operational current rated value 5 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	5 A			
	operational current				

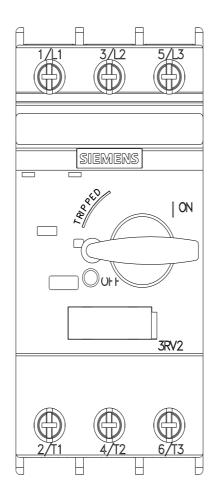
at AC-3 at 400 V rated value	5 A
at AC-3e at 400 V rated value	5 A
operating power	
• at AC-3	
— at 230 V rated value	1.1 kW
— at 400 V rated value	1.5 kW
— at 500 V rated value	2.2 kW
— at 690 V rated value	4 kW
• at AC-3e	
— at 230 V rated value	1.1 kW
— at 400 V rated value	1.5 kW
— at 500 V rated value	2.2 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	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
number of CO contacts for auxiliary contacts	0
Protective and monitoring functions	
product function	
ground fault detection	No
<ul> <li>phase failure detection</li> </ul>	No
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	65 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	5 A
	5 A
• at 600 V rated value	54
yielded mechanical performance [hp]	
for single-phase AC motor	0.47 hz
— at 110/120 V rated value	0.17 hp
— at 230 V rated value	0.5 hp
• for 3-phase AC motor	
— at 200/208 V rated value	1 hp
— at 220/230 V rated value	1 hp
— at 460/480 V rated value	3 hp
— at 575/600 V rated value	3 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 400 V	gL/gG 32 A
• at 500 V	gL/gG 32 A
• at 690 V	gL/gG 25 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

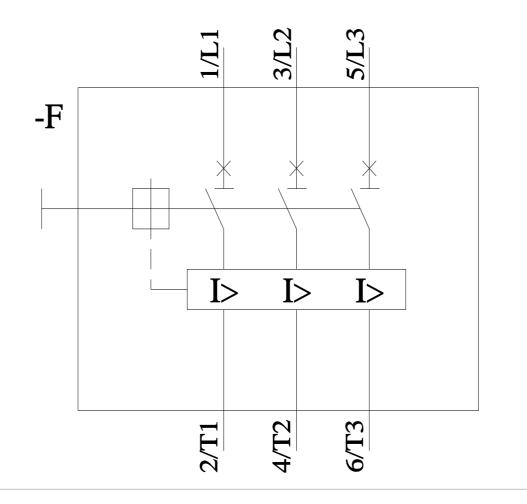
depth	97 mm
required spacing	
<ul> <li>with side-by-side mounting at the side</li> </ul>	0 mm
<ul> <li>for grounded parts at 400 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for live parts at 400 V</li> </ul>	
— downwards	30 mm
— upwards	30 mm
— at the side	9 mm
<ul> <li>for 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
• for grounded parts at 690 V	
— downwards	50 mm
— upwards	50 mm
— upwards — backwards	0 mm
— at the side	30 mm
— forwards	0 mm
	Unin
• for live parts at 690 V	50 mm
— 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
arrangement of electrical connectors for main current circuit	Top and bottom
type of connectable conductor cross-sections	
for main contacts	
solid or stranded	$2v (0.75 - 0.5 mm^2) 2v 4 mm^2$
<ul> <li>— finely stranded with core end processing</li> </ul>	$2x (0.75 \dots 2.5 \text{ mm}^2), 2x 4 \text{ mm}^2$
	2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )
for AWG cables for main contacts	2x (18 14), 2x 12
tightening torque	
for main contacts with screw-type terminals	0.8 1.2 N·m
design of screwdriver shaft	Diameter 5 to 6 mm
size of the screwdriver tip	Pozidriv size 2
design of the thread of the connection screw	
for main contacts	M3
Safety related data	
product function suitable for safety function	Yes
suitability for use	
<ul> <li>safety-related switching on</li> </ul>	No
<ul> <li>safety-related switching OFF</li> </ul>	Yes
service life maximum	10 a
	Yes
test wear-related service life necessary	
test wear-related service life necessary proportion of dangerous failures	
	40 %
proportion of dangerous failures	40 % 50 %
<ul><li>proportion of dangerous failures</li><li>with low demand rate according to SN 31920</li></ul>	
<ul> <li>proportion of dangerous failures</li> <li>with low demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> <li>B10 value with high demand rate according to SN 31920</li> <li>failure rate [FIT] with low demand rate according to SN</li> </ul>	50 %
<ul> <li>proportion of dangerous failures</li> <li>with low demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> <li>B10 value with high demand rate according to SN 31920</li> </ul>	50 % 5 000

device type according			3				
-	ording to ISO 13849-2 i	iecessary	Yes				
IEC 61508			Turne A				
safety device type acc	ording to IEC 61508-2		Туре А				
<ul> <li>for proof test interval or service life according to IEC</li> </ul>		10 a					
61508		Ing to IEC	10 a				
Electrical Safety							
protection class IP on	the front according to	IEC 60529	IP20				
touch protection on th	e front according to IE	C 60529	finger-s	afe, for vertical contac	t from the front		
Display							
display version for swite	ching status		Handle				
Approvals Certificates							
General Product App	roval						
UK CA		CE EG-Konf.		<u>Confirmation</u>		EHC	
Test Certificates		Marine / Shipp	oing				
Special Test Certific- ate	<u>Type Test Certific-</u> ates/Test Report				ÅÅ	Llovd's	
_		ABS		BUREAU VERITAS	DNV	<u>Kegister</u> us	
Marine / Shipping		other				Railway	
PRS	RINA	<u>Miscellaneo</u>	DUS	<u>Confirmation</u>		<u>Special Test Certific-</u> <u>ate</u>	
Railway	Environment						
<u>Confirmation</u>	EPD	Siemens EcoTech		Environmental Con- firmations			
Further information							
Information on the pa							
https://support.industry.siemens.com/cs/ww/en/view/109813875							
Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/ic10							
Industry Mall (Online ordering system)							
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2311-1FC10 Cax online generator							
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2311-1FC10							
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RV2311-1FC10 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2311-1FC10⟨=en Characteristic: Tripping characteristics, I <sup>2</sup> t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RV2311-1FC10/char							
http://www.automation.s	Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2311-1FC10&objecttype=14&gridview=view1						









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