## SIEMENS

## Data sheet

## 3RV2011-1BA10



Circuit breaker size S00 for motor protection, CLASS 10 A-release 1.4...2 A N-release 26 A screw terminal Standard switching capacity

product brand name	SIRIUS
product designation	Circuit breaker
design of the product	For motor protection
product type designation	3RV2
General technical data	
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	
<ul> <li>at AC in hot operating state</li> </ul>	7.25 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	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)	
<ul> <li>of the main contacts typical</li> </ul>	100 000
<ul> <li>of auxiliary contacts typical</li> </ul>	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
Weight	0.344 kg
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
<ul> <li>during operation</li> </ul>	-20 +60 °C
during storage	-50 +80 °C
during transport	-50 +80 °C
relative humidity during operation	10 95 %
Environmental footprint	
Environmental Product Declaration(EPD)	Yes
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	
number of poles for main current circuit	3
adjustable current response value current of the current- dependent overload release	1.4 2 A
type of voltage for main current circuit	AC
operating voltage	
<ul> <li>rated value</li> </ul>	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	2 A
operational current	
<ul> <li>at AC-3 at 400 V rated value</li> </ul>	2 A
<ul> <li>at AC-3e at 400 V rated value</li> </ul>	2 A
operating power	
• at AC-3	
— at 230 V rated value	0.4 kW
— at 400 V rated value	0.75 kW
— at 500 V rated value	0.8 kW
— at 690 V rated value	1.1 kW
• at AC-3e	
• at AC-se — at 230 V rated value	0.4 kW
	0.75 kW
— at 400 V rated value	
— at 500 V rated value	0.8 kW
— at 690 V rated value	1.1 kW
operating frequency	
• at AC-3 maximum	15 1/h
• at AC-3e maximum	15 1/h
Auxiliary circuit	
type of voltage for auxiliary and control circuit	AC/DC
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	
Protective and monitoring functions product function	
	No
product function	No Yes
product function <ul> <li>ground fault detection</li> </ul>	
<ul> <li>product function</li> <li>ground fault detection</li> <li>phase failure detection</li> </ul>	Yes
product function <ul> <li>ground fault detection</li> <li>phase failure detection</li> </ul> trip class	Yes CLASS 10
product function  • ground fault detection  • phase failure detection  trip class design of the overload release	Yes CLASS 10
product function  • ground fault detection  • phase failure detection  trip class  design of the overload release maximum short-circuit current breaking capacity (Icu)	Yes CLASS 10 thermal
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value	Yes CLASS 10 thermal 100 kA
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 400 V rated value	Yes CLASS 10 thermal 100 kA 100 kA
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at 240 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 10 kA
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at AC at 240 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at 240 V rated value         • at 400 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 10 kA 100 kA
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at 240 V rated value         • at 400 V rated value         • at 500 V rated value         • at 500 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at AC at 500 V rated value         • at 240 V rated value         • at 240 V rated value         • at 500 V rated value         • at 500 V rated value         • at 500 V rated value         • at 690 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at 690 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at 240 V rated value         • at 240 V rated value         • at 400 V rated value         • at 400 V rated value         • at 690 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at 240 V rated value         • at 240 V rated value         • at 500 V rated value         • at 690 V rated value         response value current of instantaneous short-circuit trip unit         UL/CSA ratings         full-load current (FLA) for 3-phase AC motor         • at 480 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 26 A
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at 500 V rated value         • at 690 V rated value         • at 600 V rated value         • at 480 V rated value         • at 600 V rated value         • at 600 V rated value         • at 600 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 26 A
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at 240 V rated value         • at 500 V rated value         • at 690 V rated value         • at 600 V rated value         • at 480 V rated value         • at 600 V rated value         • at 600 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 26 A
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at 500 V rated value         • at 690 V rated value         • at 600 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 26 A 2 A 2 A
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at 690 V rated value         • at 600 V rated value         • at 200 V rated value         • at 200 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 26 A
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at 500 V rated value         • at 690 V rated value         • at 600 V rated value         • for single-phase AC motor         - at 230 V rated	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 26 A 2 A 2 A 2 A 2 A
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at 240 V rated value         • at 240 V rated value         • at 690 V rated value         • at 600 V rated value         • at 480 V rated value         • at 600 V rated value         • at 600 V rated value         • at 600 V rated value         • at 230 V rated value         • for single-phase AC motor         - at 230 V rated value         • for 3-phase AC motor         - at 460/480 V rated value	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 26 A 2 A 2 A 2 A 2 A 1 hp
product function         • ground fault detection         • phase failure detection         trip class         design of the overload release         maximum short-circuit current breaking capacity (Icu)         • at AC at 240 V rated value         • at AC at 500 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at AC at 690 V rated value         • at 240 V rated value         • at 500 V rated value         • at 600 V rated value         • at 690 V rated value         • at 600 V rated value         • for single-phase AC motor         - at 230 V rated	Yes CLASS 10 thermal 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 100 kA 26 A 2 A 2 A 2 A 2 A

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 25 A				
• at 500 V	gL/gG 25 A				
• at 690 V	gL/gG 20 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				
• for live parts at 400 V					
— 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				
• for grounded parts at 690 V					
— downwards	50 mm				
— upwards	50 mm				
— backwards	0 mm				
— at the side	30 mm				
— forwards	0 mm				
• for live parts at 690 V					
— 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	2x (0,75 2,5 mm²), 2x 4 mm²				
— finely stranded with core end processing	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				

<ul> <li>Build of the section of the</li></ul>	suitability for use						
<ul> <li>ensign-related switching OFF</li> <li>Yes</li> <li>envice life necessary</li> <li>Yes</li> <li>proprior of dangerous altures</li> <li>entith righ demard rate according to SN 31920</li> <li>50%</li> <li>Stick high demard rate according to SN 31920</li> <li>50%</li> <li>Stick according to ISO 13849-1</li> <li>secretarity with low demand rate according to SN 31920</li> <li>Stick according to ISO 13849-2 necessary</li> <li>Yes</li> <li>reventionensioning according to ISO 13849-2 necessary</li> <li>Yes</li> <li>Stick according to IEC 61509-2</li> <li>Type A</li> <li>Type A<td colspan="2">safety-related switching on</td><td>No</td><td></td><td></td><td></td></li></ul>	safety-related switching on		No				
service life maximum 10 a text service life necessary Yes Propriotion of damagerous failures 4 49 % 4 5% 5000							
iset with a service the necessary     Yes       proportion of dangerous failures     40 %       • with hold escording to SN 31920     60 %       St value with high demand rate according to SN 31920     60 %       St value with high demand rate according to SN 31920     50 %       St value with high demand rate according to SN 31920     50 %       St value with high demand rate according to SN 31920     50 %       St value with high demand rate according to SN 31920     50 %       St value with high demand rate according to SN 31920     50 %       St value with high demand rate according to SEC 61508     70 %       St value with high demand rate according to SEC 61508     10 a       St value with high demand rate according to SEC 61508     10 a       St value with high demand rate according to SEC 61508     10 a       St value with high demand rate according to SEC 60529     1920       Protocol test interval or service life according to SEC 60529     1920       Protocol test interval or service life according to SEC 60529     1920       Contract Approval     Second     1920       St Value with high demand rate according to SEC 60529     1920       Protocol Approval     Second     1920       St Value	· · · · ·						
projection of dargerous failures       40 %         • with high demand rate according to SN 31920       50 %         EST value with high demand rate according to SN 31920       5000         Fill value with high demand rate according to SN 31920       5000         SO 13480       60 Fill         General First Sol 700       9 %         EST value with high demand rate according to SN 31920       5000         Sol 700       10 a         Sol 700       10 a <t< td=""><td colspan="3"></td><td colspan="3"></td></t<>							
<ul> <li>All how demand rate according to SN 31920</li> <li>All how demand rate according to SN 31920</li> <li>So Sa</li> <li>Bot value with high demand rate according to SN 31920</li> <li>So So Sa</li> <li>Bot value with high demand rate according to SN 31920</li> <li>So So Sa</li> <li>Bot value with high demand rate according to SN 31920</li> <li>So So Sa</li> <li>Bot value with high demand rate according to SN 31920</li> <li>So So Sa</li> <li>Bot value with high demand rate according to SN 31920</li> <li>So So Sa</li> <li>Bot value with high demand rate according to SN 31920</li> <li>So So Sa</li> <li>Bot value with high demand rate according to SN 31920</li> <li>So So Sa</li> <li>Bot value with high demand rate according to SN 31920</li> <li>So So Sa</li> <li>Bot value with high demand rate according to SN 31920</li> <li>So So Sa</li> <li>Bot value with high demand rate according to SN 31920</li> <li>So So Sa</li> <li>So So S</li></ul>							
<ul> <li>with high demand rate according to SN 31920</li> <li>50 %</li> <li>61 Value with high demand rate according to SN 31920</li> <li>50 00</li> <li>50 13440</li> <li>50 13450</li> <li>50 13450</li> <li>60 10 10 10 10 10 10 10 10 10 10 10 10 10</li></ul>			920 40 %				
B10 value with high demand rate according to SN       5 000         S1300       S0 FIT         S001       S0 TASAS         Gevice type according to ISO TASAS1       3         soverdimensioning according to ISO TASAS2       Type A         T1 value							
ising in the price							
31920							
device type according to ISO 13849-1 necessary       3         overdimensioning according to ISO 13849-2 necessary       Yes         EG 61508       Image: Safe Safe Safe Safe Safe Safe Safe Safe							
overdimensioning according to ISO 13849-2 necessary     Yes       IEC 81808     safety device type according to IEC 61598-2     Type A       1 Value     10 a     iso proof less line real or service life according to IEC 60529     IP20       Forder Line class IP on the front according to IEC 60529     IP20     moderate line real or service life according to IEC 60529       Protection class IP on the front according to IEC 60529     IP20     moderate line real or service life according to IEC 60529       Obsplay     moderate line real or service life according to IEC 60529     IP20     moderate line real or service life according to IEC 60529       Obsplay     moderate line real or service life according to IEC 60529     IP20     moderate line real or service life according to IEC 60529       Obsplay     moderate life     IP20     moderate life     moderate life       Obsplay     moderate life     IP20     moderate life     moderate life       Obsplay     moderate life     IP20     moderate life     IP20       General Product Approval     moderate life     Ip20     Ip20     Ip20       Sector     moderate life     moderate life     Ip20     Ip20       Ip20 / model     moderate life     Ip20     Ip20     Ip20       Ip20 / model     moderate life     Ip20     Ip20     Ip20       Ip20 / model     mode	ISO 13849						
IEC 61508       Safety device type according to IEC 61508-2       Type A         * 1' value       • for proof test interval or service life according to IEC       10 a         Biscental Safety       IP20         protection class IP on the front according to IEC 60529       IP20         Biscental Safety       IP20         display version for switching status       Handle         Approvals Cordificates       General Product Approval         General Product Approval       For use in hazardous locations         Biscensa       Exc.         Biscensa       Exc.         Itcs       Itcs         Itcs	device type according to ISO 13849-1		3	3			
esfety device type according to IEC 61508-2       Type A         If value       • for poof test interval or service life according to IEC 60523       10 a         escriptal Safety       protection class IP on the front according to IEC 60523       IP20         rescriptal Safety       protection class IP on the front according to IEC 60523       IP20         display version for switching status       Handle         Approval       Concernal Product Approval       Handle         Oppoya       External Safety       Image status       Martime application         BLS CRS       External Safety       Image status       Image status       Martime application         BLS CRS       Image status       Image status       Image status       Image status       Image status       Image status         Martime application       Image status       Image status <td colspan="2">overdimensioning according to ISO 13849-2 necessary</td> <td>necessary Yes</td> <td></td> <td></td> <td></td>	overdimensioning according to ISO 13849-2 necessary		necessary Yes				
T value       • for proof test interval or service life according to IEC       10 a         • for proof test interval or service life according to IEC 60529       IP20         • touch protection on the front according to IEC 60529       IP20         • touch protection on the front according to IEC 60529       IP20         • touch protection on the front according to IEC 60529       IP20         • touch protection on the front according to IEC 60529       IP20         • touch protection on the front according to IEC 60529       IP20         • touch protection on the front according to IEC 60529       IP20         • touch protection on the front according to IEC 60529       IP20         • touch protection on the front according to IEC 60529       IP20         • touch protection on the front according to IEC 60529       IP20         • touch protection on the front according to IEC 60529       IP20         • touch protection on the front according to IEC 60529       IP20         • touch protection       IECE       IECE         • touch protection       IECE       IECE       IECE         • touch protection       Interval       IECE       IECE       IECE         • IECE       IECE       IECE       IECE       IECE       IECE       IECE         IECE       IECE       IECE       <	IEC 61508						
• torp proof test interval or service life according to IEC 60529       19 a         Picedrical Safety       Pi20         restriction class IP on the front according to IEC 60529       Pi20         display       intervale or service life according to IEC 60529       Pi20         display       intervale or service life according to IEC 60529       Pi20         display       intervale or service life according to IEC 60529       Pi20         display       intervale or service life according to IEC 60529       Pi20         display       intervale or service life according to IEC 60529       Pi20         display       intervale or service life according to IEC 60529       Pi20         display       intervale or service life according to IEC 60529       Pi20         display       intervale or service life according to IEC 60529       Pi20         display       intervale or service life according to IEC 60529       Pice Fiel Certific according to IEC 60529         General Product Ap- proval       For use in hazardous locations       Treet Certificates       Maritime application         BiS CRS       Exerce       Issue life according to IEC 60529       Issue life according to IEC 60529       Issue life according to IEC 60529         display       Issue life according to IEC 60529       Issue life according to IEC 60529       Issue life according to IEC 6052	safety device type acc	ording to IEC 61508-2	Туре	A			
6105       P20         Protection class IP on the front according to IEC 60529       P20         Siglay version for switching status       Handle         Approvals Contificatos       General Product Approval         General Product Approval       For use in hazardous locations       Test Certificates         Bis CRS       Exc.       Exc.       Maritime application         Bis CRS       Exc.       Exc.       Maritime application         Waritime application       Exc.       Exc.       Maritime application         Maritime application       Exc.       Exc.       Exc.       Exc.         Bis CRS       Exc.       Exc.       Exc.       Exc.       Exc.         It is application       Exc.       Exc.       Exc.       Exc.       Exc.         It is application       Exc.	T1 value						
protection class IP on the front according to IEC 60529     IP20       toteh protection on the front according to IEC 60529     Inge-safe, for vertical contact from the front       Display     display version for switching status     Handle       Approvals Confificates       KC       General Product Approval       Configuration       Second Confificates       Configuration       Second Confification       Second Configuration       Configuration       Configuration       Second Configuration       Configuration       Configuration       Second I Product Approval       Configuration       Second I Product Approval       Configuration       Second I Product Approval       Exc.       Second I Product Approva							
Iouch protection on the front according to IEC 60529       finger-safe, for vertical contact from the front         Display       display version for switching status       Handle         Approval       General Product Approval       KC       Efficience         General Product Approval       For use in hazardous locations       Test Certificates       Maritime application         BIS CRS       Eisceic       Eisceic       Ingeresafe, for vertical contact from the front       Maritime application         Maritime application       For use in hazardous locations       Test Certificates       Maritime application         BIS CRS       Eisceic       Eisceic       Eisceic       Special Test Certificates       Maritime application         Other       Railway       Eisceic       Eisceic       Special Test Certificates       Misceilianeous         Other       Railway       Eisceic       Eisceic       Special Test Certificates       Special Test Certificates       Misceilianeous         Other       Railway       Eisceic       Eisceic       Special Test Certificates       Misceilianeous         Other       Railway       Eisceic       Confirmation       Special Test Certificates       Confirmation	Electrical Safety						
Display       display version for switching status       Handle         Approvals Contificates       General Product Approval       ECC       ECC         Congrad Product Approval       EC       ECC       Maritime application         BIS CRS       ECC       ECC       Maritime application         BIS CRS       ECC       ECC       Maritime application         Maritime application       ECC       Special Test Certificates       Maritime application         Display       ECC       ECC       ECC       Maritime application         ECC       ECC       ECC       ECC       ECC         Maritime application       Other       Miscellaneous       Miscellaneous         Other       Railway       Environment       Miscellaneous         Environment       Environment       Environment       Environment	protection class IP on	the front according to	IEC 60529 IP20				
display version for switching status     Handle       Approvals Certificates     General Product Approval     KC     Efficience       Ceneral Product Approval     Examin     Version     KC     Efficience       Second Product Approval     For use in hazardous locations     Test Certificates     Maritime application       BIS.CRS     Examin     Examin     Test Certificates     Maritime application       Maritime application     Examin     Examin     Special Test Certificates     Maritime application       Waritime application     Examin     Examin     Examin     Miscellaneous       other     Railway     Environment     Environment       Confirmation     Examin     Special Test Certificates     Confirmation       Environment     Environment     Environment     Environment	-	e front according to IE	<b>C 60529</b> finge	r-safe, for vertical contact	from the front		
Approvals Certificates       Concertificates       KC       Efficience         General Product Ap- proval       For use in hazardous locations       Test Certificates       Maritime application         BIS CRS       Excer       Excer       Type Test Certificates       Maritime application         BIS CRS       Excer       Excer       Type Test Certificates       Special Test Certificates         Maritime application       Type Test Certificates       Special Test Certificates       Excer         Maritime application       Type Test Certificates       Special Test Certificates       Excer         Maritime application       Type Test Certificates       Special Test Certificates       Excer         Maritime application       Special Test Certificates       Special Test Certificates       Excerc         Other       Railway       Excerc       Miscelianeous         Other       Special Test Certificates       Environment         Confirmation       Special Test Certificates       Confirmation       Special Test Certificates         Voic       Special Test Certificates       Confirmation       Special Test Certificates       Miscellaneous         Environment       Environment       Environmental Cons       Special Test Certificates       Special Test Certificates	Display						
General Product Approval       CC	display version for swite	hing status	Hand	lle			
Image: Second Product Ap- proval For use in hazardous locations Test Certificates Maritime application   BIS CRS Image: Second Product Ap- proval For use in hazardous locations Test Certificates Maritime application   BIS CRS Image: Second Product Ap- proval   BIS CRS Image: Second Product Ap- proval   BIS CRS Image: Second Product Ap- proval Image:	Approvals Certificates						
proval     Post deel in hazardoous locations     Tist Certifice: ates/Test Report     Special Test Certifice: ate     Special Test Certifice: ate       Maritime application     other       Image: Second S		EG-Konf.	ČÀ	Ŵ		tHL	
Image: Network Image: Network   Image: Network Image		For use in hazardou	s locations	Test Certificates		Maritime application	
Image: Special Test Certific: ate Confirmation     Environment   Environmental Con-	<u>BIS CRS</u>		K ATEX			ABS	
Image: Second secon	Maritime application					other	
Confirmation       Special Test Certific- ate       Confirmation         Siemens EcoTech       Siemens EcoTech	AT TE	0.0		(All and a second secon	TA		
ate       Siemens         VDE       Siemens         Environment       Environmental Con-	BUREAU VERITAS		Lloyds Register urs	PRS	RINA	<u>Miscellaneous</u>	
Environmental Con-				PRS	Environment	Miscellaneous	
	other		Railway Special Test Certific-	PRS Confirmation	Environment	Siemens	
	other Confirmation	UNV DNV	Railway Special Test Certific-	Prs Confirmation	Environment	Siemens	

## Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2011-1BA10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2011-1BA10

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

https://supp rt.industry.siemens.com/cs/ww/en/ps/3RV2011-1BA10

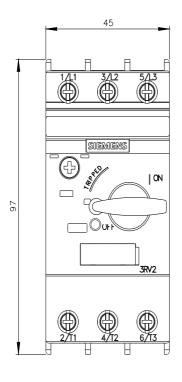
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RV2011-1BA10&lang=en

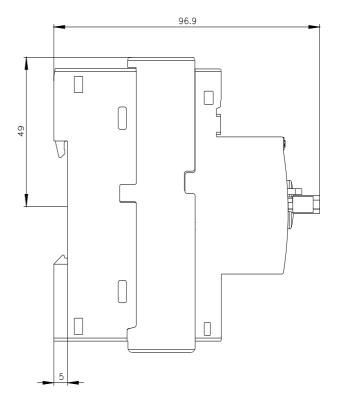
Characteristic: Tripping characteristics, I2t, Let-through current

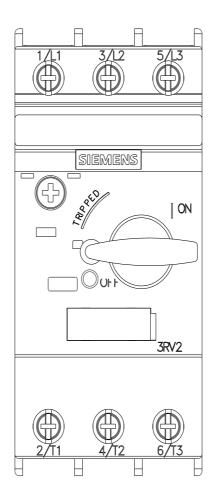
https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-1BA10/char

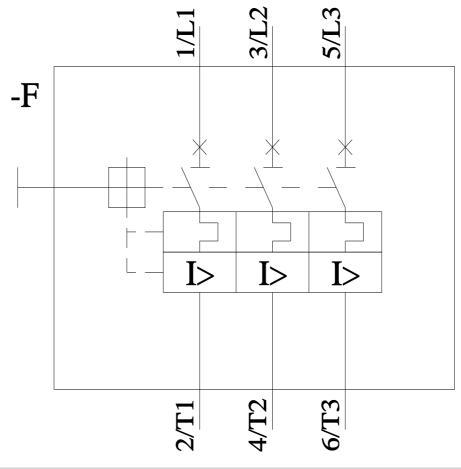
Further characteristics (e.g. electrical endurance, switching frequency)

earch&mlfb=3RV2011-1BA10&objecttype=14&gridview=view1 http://www.automation.siemens.com/bilddb/index.aspx?view=S









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