## **SIEMENS**

## **Data sheet**



Special type Circuit breaker size S0 for motor protection, CLASS 10 A-release 34...40 A N-release 480 A screw terminal Standard switching capacity Ambient temperature -50  $^{\circ}\text{C}$  500 switching cycles

product type designation design of the product product type designation 3RV2  Ceneral technical data size of the circuit-breaker size of contactor can be combined company-specific S00, S0 product extension suniliary switch yes power loss IVM for rated value at AC in hot operating state at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 6008-2-27 septimized and sundary contacts typical of auxiliary contacts typical electrical endurance (operating cycles) lypical substance Prohibitiance (Date) notificate volume the depth above sea level maximum ambient temperature during operation during operation during operation during operation during storage during transport freductive formain current circuit adjustable current response value current of the current-dependent overload release operating requency rated value at AC-3 at 400 V rated value  at AC-3 at 400 V rated value  at AC-3  Operating power  at AC-3	product brand name	SIRIUS	
product type designation General technical data size of the circuit-breaker size of contactor can be combined company-specific product extension auxiliary switch Power loss [M] for rated value of the current at AC in hot operating state at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 general service life (operating cycles) of other main contacts typical of auxiliary contacts typical of auxiliary contacts typical of auxiliary contacts typical selectrical endurance (operating cycles) typical reference code according to IEC 81346-2 Question of the designation altitude at height above sea level maximum ambient temperature of uting operation of uting transport celative humidity during operation Main cricuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage at AC-3 rated value at AC-3 at 400 V rated value operating frequency rated value at AC-3 at 400 V rated value at AC-4 at 400 A	product designation	Circuit breaker	
size of the circuit-breaker size of contactor can be combined company-specific product extension auxiliary switch early at AC in hot operating state early at AC in hot operating state per pole surge voltage resistance acted value early colored as expected as	design of the product	For motor protection	
size of the circuit-breaker size of contactor can be combined company-specific size of contactor can be combined company-specific 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 insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 geg/11 ms  mechanical service life (operating cycles) • of the main contacts typical • of auxiliary contacts typical • of uniting to the poly operating cycles) typical  reference code according to IEC 81346-2 Q Substance Prohibitiance (Date)  Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during operation • during storage • during transport relative humidity during operation 10 95 %  Main circuit number of poles for main current circuit adjustable current response value current of the current- dependent overload release operating voltage • rated value • at AC-3 rated value maximum 690 V operational current rated value operating power	product type designation	3RV2	
size of contactor can be combined company-specific product extension auxiliary switch power loss [W] for rated value of the current  • at AC in hot operating state • at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value • 680 V surge voltage resistance rated value shock resistance according to IEC 60068-2-27 get just an incording to IEC 60068-2-20 get just	General technical data		
product extension auxiliary switch  power loss [W] for rated value of the current  • at AC in hot operating state • at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value 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 500 • of auxiliary contacts typical 6 colorating cycles) (500 electrical endurance (operating cycles) (typical) (500 reference code according to IEC 81346-2) (200 Substance Prohibitance (Date) (1001/2009) Ambient conditions installation attitude at height above sea level maximum (2000) (1001/2009) Ambient conditions installation attitude at height above sea level maximum (2000) (1001/2009)	size of the circuit-breaker	SO	
power loss [W] for rated value of the current  • at AC in hot operating state  • at AC in hot operating state per pole  insulation voltage with degree of pollution 3 at AC rated value  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  • of auxiliary contacts typical	size of contactor can be combined company-specific	S00, S0	
at AC in hot operating state at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value 600 V surge voltage resistance rated value 660 V shock resistance according to IEC 60068-2-27 25g / 11 ms mechanical service life (operating cycles)  of the main contacts typical 500 af auxiliary contacts typical 500 electrical endurance (operating cycles) typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date)  Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature during operation during storage 50 +40 °C during transport elative humidity during operation 10 95 %  Main circuit number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage at AC-3 rated value 0 et at AC-3 rated value 0 operation at AC-3 at 400 V rated value 0 operating power	product extension auxiliary switch	Yes	
at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27  mechanical service life (operating cycles) of the main contacts typical of auxiliary contacts typical electrical endurance (operating cycles) typical solo electrical endurance (operating cycles) typical solo reference code according to IEC 81346-2 Q Substance Prohibitance (Date)  Ambient conditions installation altitude at height above sea level maximum ambient temperature olduring storage olduring storage olduring transport relative humidity during operation 10 95 %  Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage orated value at AC-3 rated value maximum 690 V operating power  el at AC-3 rated value operational current at AC-3 at 400 V rated value operating power	power loss [W] for rated value of the current		
insulation voltage with degree of pollution 3 at AC rated value  surge voltage resistance rated value shock resistance according to IEC 60068-2-27 25g / 11 ms  mechanical service life (operating cycles) of the main contacts typical for the main contacts typical of auxiliary contacts typical selectrical endurance (operating cycles) lypical solutions reference code according to IEC 81346-2 Q Substance Prohibitance (Date)  Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage during transport relative humidity during operation 10 95 %  Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating voltage rated value at AC-3 rated value maximum et AC-3 rated value maximum et AC-3 rated value at AC-3 at 400 V rated value operating power	<ul> <li>at AC in hot operating state</li> </ul>	16.25 W	
surge voltage resistance rated value shock resistance according to IEC 60068-2-27 25g / 11 ms mechanical service life (operating cycles)  of atuxiliary contacts typical forerence code according to IEC 81346-2 Q Substance Prohibitance (Date)  Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage during transport relative humidity during operation 10 95 %  Main circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release operating requency rated value at AC-3 rated value maximum e) at AC-3 rated value operational current e) at AC-3 rated value operation gower e) at AC-3 at 400 V rated value e) operating power	<ul> <li>at AC in hot operating state per pole</li> </ul>	5.4 W	
shock resistance according to IEC 60068-2-27 25g / 11 ms  mechanical service life (operating cycles)  of the main contacts typical 500 electrical endurance (operating cycles) typical 500 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009  Ambient conditions installation altitude at height above sea level maximum 2 000 m  ambient temperature during operation -50 +40 °C during storage -50 +80 °C eduring transport -50 +80 °C relative humidity during operation 10 95 %  Main circuit number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release  operating voltage rated value 20 690 V e at AC-3 rated value maximum 690 V operational current rated value 40 A operational current e at AC-3 at 400 V rated value 40 A operating power	insulation voltage with degree of pollution 3 at AC rated value	690 V	
mechanical service life (operating cycles)  • of the main contacts typical  • of auxiliary contacts typical  electrical endurance (operating cycles) typical  freference code according to IEC 81346-2  Questrance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  • at AC-3 at 400 V rated value	surge voltage resistance rated value	6 kV	
of the main contacts typical     of auxiliary contacts typical     electrical endurance (operating cycles) typical     soo     reference code according to IEC 81346-2     Q     Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum     ambient temperature     oduring operation     oduring storage     oduring transport     relative humidity during operation  Main circuit  number of poles for main current circuit     adjustable current response value current of the current-dependent overload release     operating voltage	shock resistance according to IEC 60068-2-27	25g / 11 ms	
of auxiliary contacts typical electrical endurance (operating cycles) typical  reference code according to IEC 81346-2  Q Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport • during transport relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release  operating voltage • rated value • at AC-3 rated value maximum  operational current  operational current • at AC-3 at 400 V rated value  operating power	mechanical service life (operating cycles)		
electrical endurance (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operational current  • at AC-3 at 400 V rated value  operating power	<ul> <li>of the main contacts typical</li> </ul>	500	
reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009  Ambient conditions installation altitude at height above sea level maximum 2 000 m  ambient temperature  • during operation -50 +40 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 %  Main circuit  number of poles for main current circuit 3 adjustable current response value current of the current-dependent overload release operating voltage  • rated value 20 690 V operating frequency rated value 50 60 Hz operational current rated value 40 A operating power	of auxiliary contacts typical	500	
Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during storage  • during transport  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operational current rated value  operational current  • at AC-3 at 400 V rated value  operating power	electrical endurance (operating cycles) typical	500	
installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit adjustable current response value current of the current-dependent overload release  operating voltage • rated value • at AC-3 rated value maximum • at AC-3 at 400 V rated value  • at AC-3 at 400 V rated value  operating power	reference code according to IEC 81346-2	Q	
installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during transport  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value  operational current rated value  operational current rated value  operational current rated value  • at AC-3 at 400 V rated value  • at AC-3 at 400 V rated value  operating power	Substance Prohibitance (Date)	10/01/2009	
ambient temperature  • during operation  • during storage  • during transport  relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operating frequency rated value  operating frequency rated value  operational current rated value  40 A  operating power	Ambient conditions		
<ul> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>50 +80 °C</li> <li>during transport</li> <li>50 +80 °C</li> </ul> relative humidity during operation Main circuit number of poles for main current circuit <ul> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>at AC-3 rated value maximum</li> <li>operating frequency rated value</li> <li>operating frequency rated value</li> <li>operational current rated value</li> <li>at AC-3 at 400 V rated value</li> <li>at AC-3 at 400 V rated value</li> <li>at AC-3 at 400 V rated value</li> </ul>	installation altitude at height above sea level maximum	2 000 m	
<ul> <li>during storage</li> <li>during transport</li> <li>-50 +80 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> </ul> Main circuit <ul> <li>number of poles for main current circuit</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>operating frequency rated value</li> <li>operating frequency rated value</li> <li>operational current rated value</li> <li>at AC-3 at 400 V rated value</li> <li>at AC-3 at 400 V rated value</li> <li>40 A</li> </ul>	ambient temperature		
• during transport     relative humidity during operation  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operational current rated value  operational current rated value  • at AC-3 at 400 V rated value  • at AC-3 at 400 V rated value  • at AC-3 at 400 V rated value  operating power	<ul> <li>during operation</li> </ul>	-50 +40 °C	
relative humidity during operation  10 95 %  Main circuit  number of poles for main current circuit  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operational current rated value  • at AC-3 at 400 V rated value  • at AC-3 at 400 V rated value  operating power	during storage	-50 +80 °C	
Main circuit  number of poles for main current circuit  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operational current rated value  • at AC-3 at 400 V rated value  • at AC-3 at 400 V rated value  operating power	during transport	-50 +80 °C	
number of poles for main current circuit  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operating frequency rated value  operational current rated value  • at AC-3 at 400 V rated value  operating power	relative humidity during operation	10 95 %	
adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operating frequency rated value  operational current rated value  • at AC-3 at 400 V rated value  operating power	Main circuit		
dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  690 V  operating frequency rated value  50 60 Hz  operational current rated value  • at AC-3 at 400 V rated value  40 A  operating power	number of poles for main current circuit	3	
<ul> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>operational current rated value</li> <li>at AC-3 at 400 V rated value</li> <li>operating power</li> </ul>		34 40 A	
● at AC-3 rated value maximum  operating frequency rated value  operational current rated value  operational current  ● at AC-3 at 400 V rated value  40 A  operating power	operating voltage		
operating frequency rated value 50 60 Hz operational current rated value 40 A operational current  • at AC-3 at 400 V rated value 40 A operating power	• rated value	20 690 V	
operational current rated value 40 A  operational current  • at AC-3 at 400 V rated value 40 A  operating power	<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V	
operational current  • at AC-3 at 400 V rated value  operating power  40 A	operating frequency rated value	50 60 Hz	
• at AC-3 at 400 V rated value 40 A  operating power	operational current rated value	40 A	
operating power	operational current		
	• at AC-3 at 400 V rated value	40 A	
• at AC-3	operating power		
	• at AC-3		

— at 230 V rated value	11 kW
— at 230 V rated value — at 400 V rated value	11 kW 18.5 kW
— at 500 V rated value	22 kW
— at 690 V rated value	39 kW
operating frequency	AF All-
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
Protective and monitoring functions	
product function	No
ground fault detection	No
phase failure detection	Yes CLASS 40
trip class	CLASS 10
design of the overload release	thermal
maximum short-circuit current breaking capacity (Icu)	400 kA
at AC at 400 V rated value	100 kA 20 kA
<ul><li>at AC at 400 V rated value</li><li>at AC at 500 V rated value</li></ul>	6 kA
	3 kA
at AC at 690 V rated value  Operating short-circuit current breaking capacity (Ics) at AC	J M
operating short-circuit current breaking capacity (Ics) at AC  • at 240 V rated value	100 kA
at 400 V rated value     at 400 V rated value	10 kA
at 500 V rated value     at 500 V rated value	3 kA
at 690 V rated value	2 kA
response value current of instantaneous short-circuit trip unit	480 A
Short-circuit protection	400 A
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
design of the short-circuit trip  design of the fuse link for IT network for short-circuit	magnetic
protection of the main circuit	
• at 400 V	gG 63 A
• at 500 V	gG 63 A
• at 690 V	gG 63 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	97 mm 45 mm
width depth	
	45 mm
depth	45 mm
depth required spacing	45 mm 97 mm
depth required spacing  • with side-by-side mounting at the side	45 mm 97 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V	45 mm 97 mm 9 mm 30 mm 30 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards  — upwards  — at the side	97 mm 9 mm 30 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards  — upwards  — at the side  • for live parts at 400 V	97 mm  9 mm  30 mm  30 mm  9 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards  — upwards  — at the side  • for live parts at 400 V  — downwards	97 mm  9 mm  30 mm  9 mm  30 mm  9 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards  — upwards  — at the side  • for live parts at 400 V  — downwards  — upwards  - upwards	97 mm  9 mm  30 mm  30 mm  9 mm  30 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards  — upwards  — at the side  • for live parts at 400 V  — downwards  — upwards  — upwards  — at the side	97 mm  9 mm  30 mm  9 mm  30 mm  9 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards  — upwards  — at the side  • for live parts at 400 V  — downwards  — upwards  — at the side  • for grounded parts at 500 V	97 mm  9 mm  30 mm 30 mm 9 mm  30 mm 9 mm  30 mm 9 mm
depth  required spacing  with side-by-side mounting at the side  for grounded parts at 400 V  downwards  upwards  at the side  for live parts at 400 V  downwards  upwards  at the side  for grounded parts at 500 V  downwards  downwards  at the side  for grounded parts at 500 V  downwards	97 mm  9 mm  30 mm  30 mm  9 mm  30 mm  9 mm  30 mm  30 mm  30 mm  30 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards — upwards — at the side  • for live parts at 400 V  — downwards — upwards — at the side  • for grounded parts at 500 V — downwards — at the side  • for grounded parts at 500 V — downwards — upwards	97 mm  9 mm  30 mm  30 mm  9 mm  30 mm  9 mm  30 mm  30 mm  30 mm  30 mm  9 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards  — upwards  — at the side  • for live parts at 400 V  — downwards  — upwards  — upwards  — at the side  • for grounded parts at 500 V  — downwards  — upwards  — at the side  • for grounded parts at 500 V  — downwards  — upwards  — upwards  — at the side	97 mm  9 mm  30 mm  30 mm  9 mm  30 mm  9 mm  30 mm  30 mm  30 mm  30 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards  — upwards  — at the side  • for live parts at 400 V  — downwards  — upwards  — at the side  • for grounded parts at 500 V  — downwards  — at the side  • for grounded parts at 500 V  — downwards  — upwards  — at the side  • for live parts at 500 V	97 mm  9 mm  30 mm 30 mm 9 mm  30 mm 9 mm  30 mm 30 mm 30 mm 9 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards  — upwards  — at the side  • for live parts at 400 V  — downwards  — upwards  — at the side  • for grounded parts at 500 V  — downwards  — upwards  — at the side  • for grounded parts at 500 V  — downwards  — at the side  • for live parts at 500 V  — downwards	97 mm  9 mm  30 mm 30 mm 9 mm  30 mm 9 mm  30 mm 30 mm 9 mm  30 mm 9 mm  30 mm 30 mm 9 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards  — upwards  — at the side  • for live parts at 400 V  — downwards  — upwards  — at the side  • for grounded parts at 500 V  — downwards  — upwards  — upwards  — at the side  • for grounded parts at 500 V  — downwards  — at the side  • for live parts at 500 V  — downwards  — at the side  • for live parts at 500 V  — downwards  — upwards	97 mm  9 mm  30 mm 30 mm 9 mm  30 mm 9 mm  30 mm 9 mm  30 mm 9 mm  30 mm 9 mm  30 mm 30 mm 9 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards  — upwards  — at the side  • for live parts at 400 V  — downwards  — upwards  — at the side  • for grounded parts at 500 V  — downwards  — upwards  — at the side  • for grounded parts at 500 V  — downwards  — at the side  • for live parts at 500 V  — downwards  — at the side  • for live parts at 500 V  — downwards  — at the side  • for live parts at 500 V  — downwards  — upwards  — at the side	97 mm  9 mm  30 mm 30 mm 9 mm  30 mm 9 mm  30 mm 30 mm 9 mm  30 mm 9 mm  30 mm 30 mm 9 mm
depth  required spacing  • with side-by-side mounting at the side  • for grounded parts at 400 V  — downwards  — upwards  — at the side  • for live parts at 400 V  — downwards  — upwards  — at the side  • for grounded parts at 500 V  — downwards  — upwards  — upwards  — at the side  • for grounded parts at 500 V  — downwards  — at the side  • for live parts at 500 V  — downwards  — at the side  • for live parts at 500 V  — downwards  — upwards	97 mm  9 mm  30 mm 30 mm 9 mm  30 mm 9 mm  30 mm 9 mm  30 mm 9 mm  30 mm 9 mm  30 mm 30 mm 9 mm

— upwards	70 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
• for live parts at 690 V	
— downwards	70 mm
— upwards	70 mm
— backwards	0 mm
— at the side	30 mm
— forwards	0 mm
Connections/ Terminals	
type of electrical connection	
a for main ourrant airquit	corow type terminals

— 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	
<ul> <li>for main contacts</li> </ul>	
<ul> <li>— solid or stranded</li> </ul>	2x (1 2.5 mm²), 2x (2.5 10 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
tightening torque	
for main contacts with screw-type terminals	2 2.5 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	
<ul> <li>for main contacts</li> </ul>	M4
Safety related data	
T1 value for proof test interval or service life according to IEC	10 a

Certificates/ approvals

General Product Approval Declaration of Conformity Test Certificates

<u>Confirmation</u> <u>KC</u>







Special Test Certificate

**Test Certificates** 

Marine / Shipping

Type Test Certificates/Test Report











Marine / Shipping

other

Railway



Confirmation



Confirmation

Vibration and Shock

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3RV2021-4FA10-0BA0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2021-4FA10-0BA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2021-4FA10-0BA0

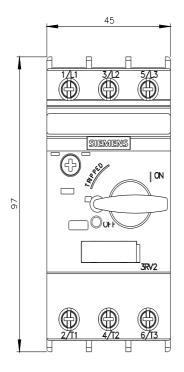
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

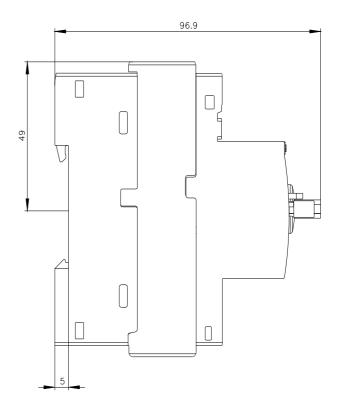
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RV2021-4FA10-0BA0&lang=en

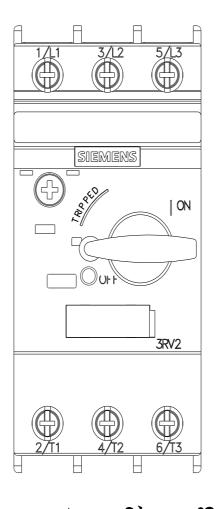
Characteristic: Tripping characteristics, I2t, Let-through current

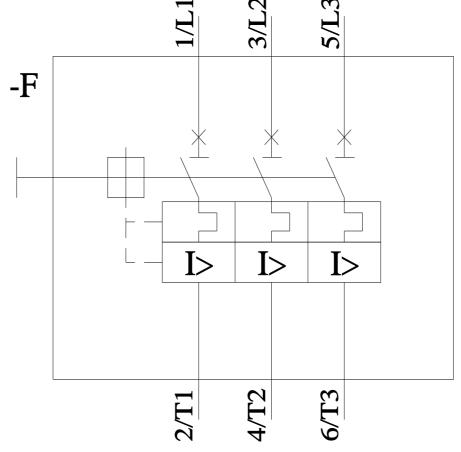
https://support.industry.siemens.com/cs/ww/en/ps/3RV2021-4FA10-0BA0/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2021-4FA10-0BA0&objecttype=14&gridview=view1









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