SIEMENS

Data sheet



Special type Circuit breaker size S00 for motor protection, CLASS 10 A-release 10...16 A N-release 208 A Spring-type terminal Standard switching capacity Ambient temperature -50 $^{\circ}$ 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 product extension auxiliary switch yes power loss IVM for rated value at AC in hot operating state at AC in hot operating state per pole surge voltage resistance rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 sechnatical service IIf (operating cycles) of the main contacts typical electrical endurance (operating cycles) typical substance Profibilitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature during operation during storage during transport during storage during transport definition of the current dependent overload release operating voltage rated value alduring storage rated value alduring storage rated value alduring storage rated value rated v	product brand name	SIRIUS	
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 • at AC in hot operating state 9,25 W • at AC in hot operating state 9,25 W • at AC in hot operating state per pole 3,1 W insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value (600 V) surge voltage resistance rated value (600 V) shock resistance according to IEC 60068-2-27 (25g / 11 ms) mechanical service life (operating cycles) • of the main contacts typical (600 V) • of the main contacts typical (600 V) • of davilliary contacts typical (600 V) • during operation (600 V) • during operation (600 V) • during storage (600 V) • during storage (600 V) • of davilliary contact (600 V) • of	product designation	Circuit breaker	
size of the circuit-breaker size of contactor can be combined company-specific product extension auxiliary switch eart AC in hot operating state eart AC in hot operating state per pole eart AC in hot operating state per pole surge voltage resistance rated value surge voltage resistance rated value for the main contacts typical of the main contacts typical of auxiliary contacts typical effectical endurance (operating cycles) freference code according to IEC 81346-2 Q Substance Prohibitance (lotte) Ambient conditions installation altitude at height above sea level maximum ambient temperature during peration during storage during storage 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 e rated value operation querent value operation current rated value operation current rated value operation current e at AC-3 rated value operation power	design of the product	For motor protection	
size of the circuit-breaker size of contactor can be combined company-specific soo, So 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 * 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 \$ 600 V surge voltage resistance rated value \$ 600 V shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) * of the main contacts typical * of auxiliary contacts typical * o	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 * at AC in hot operating state per pole * at AC in hot operating state per pole * at AC in hot operating state per pole * surge voltage resistance rated value * shock resistance according to IEC 60068-2-27 * z5g / 11 ms * mechanical service life (operating cycles) * of the main contacts typical * of auxiliary contacts typical * of one code according to IEC 81346-2 Q * Substance Prohibitance (Date) * Anbient conditions installation altitude at height above sea level maximum * at during operation * during operation * during storage * during transport * during transport * eluting transport * relative humidity during operation * Mini oricruit * 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 * 680 V * operating frequency rated value * operational current rated value * operating power * operating power	General technical data		
product extension auxiliary switch power loss [W] for rated value of the current • at AC in hot operating state 9.25 W • at AC in hot operating state per pole 3.1 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 500 • of auxiliary contacts typical 500 electrical endurance (operating cycles) typical 500 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 Amblent conditions installation altitude at height above sea level maximum 2 000 m amblent temperature • during operation -50 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 10 95 % Main circuit 10 16 A adjustable current response value current of the current-dependent overload release 0 60 Hz operating frequency rated value 50 60 Hz operating frequency rated value 16 A operating power	size of the circuit-breaker	S00	
power loss [W] for rated value of the current at AC in hot operating state at AC in hot operating state pole 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 of auxiliary contacts typical for developing to IEC 81346-2 Qu Substance Prohibitance (operating cycles) typical installation altitude at height above sea level maximum ambient conditions installation altitude at height above sea level maximum ambient temperature of during operation of during storage of 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 operating voltage of rated value at AC-3 arted value operational current rated value operational current rated value operational current rated value operational current at AC-3 at 400 V rated value operating power	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 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 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 of during operation of during storage of 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 operating frequency rated value operational current of AC at 400 V rated value operational current of AC at 400 V rated value operational current of AC at 400 V rated value 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 25g / 11 ms mechanical service life (operating cycles) of the main contacts typical of of auxiliary contacts typical electrical endurance (operating cycles) typical solo electrical endurance (operating cycles) typical foreference code according to IEC 81346-2 Q Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature olduring operation 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 rated value at AC-3 rated value maximum special current rated value operational current 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 solutions electrical endurance (operating cycles) typical substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum during operation during operation during storage 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 requency rated value at AC-3 rated value maximum at AC-3 at 400 V rated value at AC-3 at 4400 V rated value at AC-3 at 4400 V rated value operating power	 at AC in hot operating state 	9.25 W	
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 foreigness of the main contacts typical electrical endurance (operating cycles) typical foreigness occording 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 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 operational current at AC-3 at 400 V rated value operating power	 at AC in hot operating state per pole 	3.1 W	
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 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) Ambient conditions installation altitude at height above sea level maximum ambient temperature oluring storage oluring storage oluring transport relative humidity during operation mumber 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 operational current at AC-3 rated value operational current at AC-3 at 400 V rated value 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 soo 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 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	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 storage oduring transport relative humidity during operation adjustable current response value current of the current-dependent overload release operating voltage orated value at AC-3 rated value maximum operational current at AC-3 at 400 V rated value operating power	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) 10/01/2009 Ambient conditions installation altitude at height above sea level maximum ambient temperature o 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 e at AC-3 at 400 V rated value operating power 10 16 A 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 rated value operational current • at AC-3 at 400 V rated value operating power	 of the main contacts 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 +60 °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 16 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 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	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 • rated value • rated value • at AC-3 rated value maximum operating requency rated value • 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 maximum operational current rated value operational current • 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 operational current rated value operational current rated value 16 A operating power	Ambient conditions		
 during operation during storage during transport 50 +80 °C during transport 50 +80 °C 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 690 V operating frequency 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 operating power 	installation altitude at height above sea level maximum	2 000 m	
 during storage during transport storage during transport storage during transport storage storage during transport storage adjustable current response value current of the current-dependent overload release operating voltage at AC-3 rated value maximum operating frequency rated value operating frequency rated value operational current rated value at AC-3 at 400 V rated value operating power 	ambient temperature		
■ during transport	 during operation 	-50 +60 °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 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 16 A operating power	number of poles for main current circuit	3	
 rated value at AC-3 rated value maximum 690 V operating frequency rated value operational current rated value at AC-3 at 400 V rated value operating power 		10 16 A	
 at AC-3 rated value maximum 690 V operating frequency rated value operational current rated value operational current at AC-3 at 400 V rated value operating power 	operating voltage		
operating frequency rated value 50 60 Hz operational current rated value 16 A operational current • at AC-3 at 400 V rated value 16 A operating power	• rated value	20 690 V	
operational current rated value operational current • at AC-3 at 400 V rated value operating power 16 A operating power	 at AC-3 rated value maximum 	690 V	
operational current • at AC-3 at 400 V rated value operating power 16 A	operating frequency rated value	50 60 Hz	
• at AC-3 at 400 V rated value 16 A operating power	operational current rated value	16 A	
operating power	operational current		
	• at AC-3 at 400 V rated value	16 A	
• at AC-3	operating power		
	• at AC-3		

— at 230 V rated value	4 kW
— at 230 V rated value — at 400 V rated value	4 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	11 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	Na
ground fault detection	No
phase failure detection	Yes
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 at AC at 400 V rated value	100 kA 55 kA
 at AC at 400 V rated value at AC at 500 V rated value 	10 kA
	4 kA
at AC at 690 V rated value Operating short-circuit current breaking capacity (Ics) at AC	7 NA
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	30 kA
at 500 V rated value at 500 V rated value	5 kA
at 690 V rated value	2 kA
response value current of instantaneous short-circuit trip unit	208 A
Short-circuit protection	2007
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
design of the short-circuit trip	magnetic
design of the fuse link for IT network for short-circuit	
design of the fuse link for IT network for short-circuit protection of the main circuit	
	gG 63 A
protection of the main circuit	gG 63 A gG 50 A
protection of the main circuit ● at 400 V	
protection of the main circuit ■ at 400 V ■ at 500 V	gG 50 A
protection of the main circuit at 400 V at 500 V at 690 V	gG 50 A
protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions	gG 50 A gG 40 A
protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position	gG 50 A gG 40 A any
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
protection of the main circuit • at 400 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method height	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width depth	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting at the side	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting at the side for grounded parts at 400 V	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 30 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting at the side for grounded parts at 400 V downwards upwards at the side	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width 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	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 30 mm 9 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width 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	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 30 mm 9 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width 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 upwards upwards upwards upwards	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 9 mm 30 mm 9 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width 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	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 30 mm 9 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width 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	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 30 mm 9 mm 30 mm 9 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width 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	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 30 mm 9 mm 30 mm 30 mm 30 mm 30 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing at 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 grounded parts at 500 V downwards upwards upwards	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 30 mm 9 mm 30 mm 9 mm 30 mm 9 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing at the 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	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 30 mm 9 mm 30 mm 30 mm 30 mm 30 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width 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 upwards at the side for grounded parts at 500 V for grounded parts at 500 V	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 30 mm 9 mm 30 mm 9 mm 30 mm 9 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width 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 live parts at 500 V downwards upwards at the side for live parts at 500 V downwards upwards at the side for live parts at 500 V downwards	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 30 mm 9 mm 30 mm 9 mm 30 mm 9 mm 30 mm 9 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width 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 live parts at 500 V downwards upwards at the side for live parts at 500 V downwards upwards at the side for live parts at 500 V downwards upwards at the side for live parts at 500 V downwards upwards at the side for live parts at 500 V downwards upwards upwards	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 30 mm 9 mm 30 mm 9 mm 30 mm 9 mm 30 mm 30 mm 9 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width 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 live parts at 500 V downwards upwards at the side for live parts at 500 V downwards upwards 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 adownwards at the side for live parts at 500 V adownwards at the side at the side at the side	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 30 mm 9 mm 30 mm 9 mm 30 mm 9 mm 30 mm 9 mm
protection of the main circuit at 400 V at 500 V at 690 V Installation/ mounting/ dimensions mounting position fastening method height width 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 live parts at 500 V downwards upwards at the side for live parts at 500 V downwards upwards at the side for live parts at 500 V downwards upwards at the side for live parts at 500 V downwards upwards at the side for live parts at 500 V downwards upwards upwards	gG 50 A gG 40 A any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 106 mm 45 mm 97 mm 0 mm 30 mm 30 mm 9 mm 30 mm 9 mm 30 mm 9 mm 30 mm 30 mm 9 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	spring-loaded terminals
for auxiliary and control circuit	spring-loaded 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 (0,5 4 mm²)
 finely stranded with core end processing 	2x (0.5 2.5 mm²)
— finely stranded without core end processing	2x (0.5 2.5 mm²)
type of connectable conductor cross-sections	
for auxiliary contacts	
— solid or stranded	2x (0.5 2.5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²)
— finely stranded without core end processing	2x (0.5 1.5 mm²)
design of screwdriver shaft	Diameter 3 mm

3,0 x 0,5 mm

10 a

IP20

Handle

Safety related data

size of the screwdriver tip

T1 value for proof test interval or service life according to IEC 61508

protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529

display version for switching status

General Product Approval

Declaration of Conformity

finger-safe, for vertical contact from the front

Test Certificates

Confirmation

<u>KC</u>



CE EG-Konf.



Type Test Certificates/Test Report

Test Certificates

Marine / Shipping

Special Test Certificate











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=3RV2011-4AA20-0BA0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2011-4AA20-0BA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-4AA20-0BA0

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

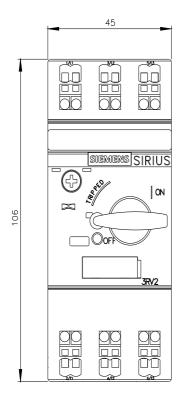
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2011-4AA20-0BA0&lang=en

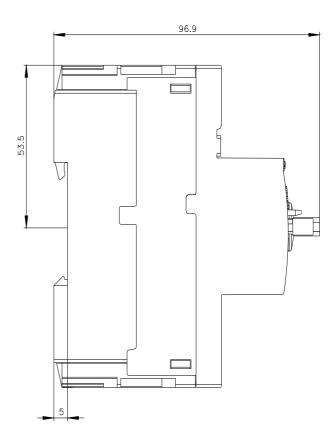
Characteristic: Tripping characteristics, I2t, Let-through current

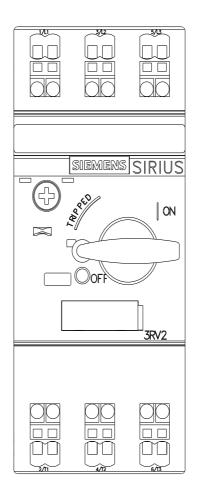
https://support.industry.siemens.com/cs/ww/en/ps/3RV2011-4AA20-0BA0/char

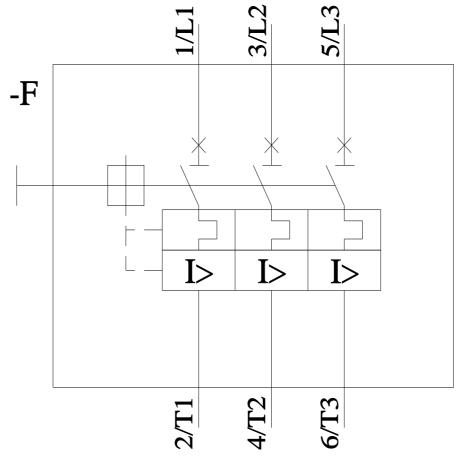
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2011-4AA20-0BA0&objecttype=14&gridview=view1









last modified: 11/21/2022 🖸