SIEMENS

Data sheet

3RV2742-5GD10



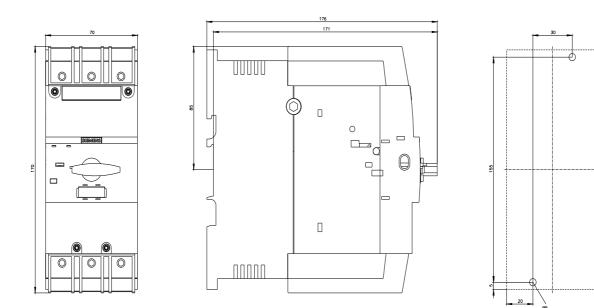
Circuit breaker size S3 for system protection with approval circuit breaker UL 489, CSA C22.2 No.5-02 A-release 40 A N-release 520 A screw terminal

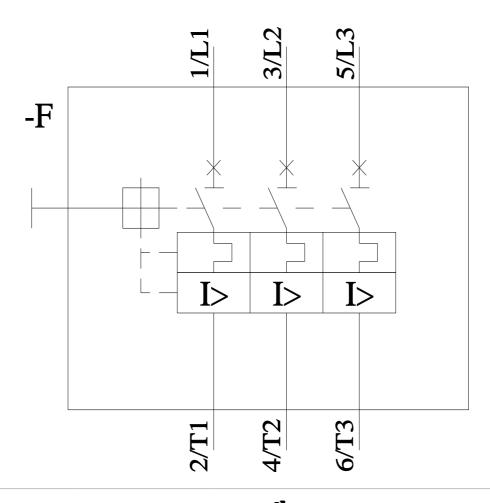


product designation Circuit breaker design of the product For system protection according to UL 489/CSA C22.2 No.5 product type designation 3RV2 General technical data S3 product design addings witch Yes power loss [W] for rated value of the current 8 • at AC in hot operating state 18 W • at AC in hot operating state per pole 6 W insulation voltage with degree of pollution 3 at AC rated value 8 kV shock resistance according to IEC 60068-2-27 25 g / 11 ms (rectangular impulse and sine pulse) mechanical service life (operating cycles) 6 • of the main contracts typical 25 000 • of auxiliary contracts typical 25 000 • of auxiliary contracts typical 25 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 0301/2017 SVHC substance name Lead1409-82-1 Weight 2.275 kg Antibient temperature - • (uring peration -20 +60 °C • (uring transport -50 +80 °C • (uring itransport	product brand name	SIRIUS
product typ designation 3RV2 General technical data size of the circuit-breaker \$3 product extension auxiliary switch Yes power loss [W] for rated value of the current 18 W • at AC in hot operating state per pole 6 W insulation voltage with degree of pollution 3 at AC rated value 1000 V surge voltage resistance rated value 8 kV shock resistance according to IEC 60069-2-27 25 g / 11 ms (rectangular impulse and sine pulse) mechanical service 1if (operating cycles) 25 000 • of the main contacts typical 25 000 = detricial endrance (operating cycles) typical 25 000 • of auxiliary contacts typical 25 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead -7439-92-1 Weight 2.275 kg Ambient conditions -20 +60 °C • during operation -30 +60 °C • during operation -50 +80 °C • during operation -50 +80 °C • during operation -10 95 % Envir	product designation	Circuit breaker
General technical data size of the circuit-breaker S3 product extension auxiliary switch Yes power loss (W) for rated value of the current 18 W • at AC in hot operating state 18 W • at AC in hot operating state 18 W • at AC in hot operating state per pole 6 W insultation voltage with degree of pollution 3 at AC rated value 1000 V surge voltage resistance rated value 8 kV shock resistance according to EEC 60068-2-27 25 g/ 11 ms (rectangular impulse and sine pulse) mechanical service life (operating cycles) • • of the main contacts typical 25 000 • of auxiliary contacts typical 25 000 reference code according to EEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 Stubstance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C • during spotential (CO2 eq) during manu	design of the product	For system protection according to UL 489/CSA C22.2 No. 5
size of the circuit-breaker §3 product extension auxiliary switch Yes power loss [W] for rated value of the current • • et AC in hot operating state 18 W • at AC in hot operating state per pole 6 W insulation voltage with degree of pollution 3 at AC rated value 1000 V surge voltage resistance rated value 8 kV shock resistance according to IEC 60068-2-27 25 g/ 11 ms (rectangular impulse and sine pulse) mechanical service life (operating cycles) • • of the main contacts typical 25 000 electrical endurance (operating cycles) typical 25 000 electrical endurance (operating cycles) typical 25 000 reference code according to IEC 81346-2 Q Substance Ponhibitance (Date) 03/01/2017 SWHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions - installation atitude at height above sea level maximum 2 000 m adbitude generation -50 +60 °C - 6 during strasport -50 +80 °C relative humidity during operation 10 95 % <	product type designation	3RV2
product extension auxiliary switch Yes power loss [W] for rated value of the current 18 W • at AC in hot operating state 18 W • at AC in hot operating state 6 W Insulation voltage with degree of pollution 3 at AC rated value 1000 V surge voltage resistance rated value 8 kV shock resistance according to IEC 60068-2-27 25 g / 11 ms (rectangular impulse and sine pulse) mechanical service II/6 (operating cycles) - • of the main contacts typical 25 000 • of auxiliary contacts typical 25 000 reference (operating cycles) typical 25 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions - instalation alitude at height above sea level maximum 2 000 m ambient temperature - • during operation -20 +60 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Environmental footprint - global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during gales 1.24 kg global war	General technical data	
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• at AC in hot operating state 18 W • at AC in hot operating state per pole 6 W Insulation voltage with degree of pollution 3 at AC rated value 1000 V surge voltage resistance rated value 8 kV shock resistance according to IEC 60068-2-27 25 g / 11 ms (rectangular impulse and sine pulse) mechanical service life (operating cycles) - • of the main contacts typical 25 000 electrical endurance (operating cycles) typical 25 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions - installation altitude at height above sea level maximum 2 000 m ambient importature - • during operation -20 +60 °C • during transport -50 +80 °C • during transport -50 +80 °C • during potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] total 285.24 kg	product extension auxiliary switch	Yes
• at AC in hot operating state per pole 6 W insulation voltage with degree of pollution 3 at AC rated value 1 000 V surge voltage resistance rated value 8 kV shock resistance according to IEC 60068-2:27 25 g / 11 ms (rectangular impulse and sine pulse) mechanical service IIFe (operating cycles) - • of the main contacts typical 25 000 electrical endurance (operating cycles) typical 25 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient temperature - • during operation -20 +60 °C • during transport -50 +80 °C • during transport -50 +80 °C • during transport -50 +80 °C • during potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [power loss [W] for rated value of the current	
insulation voltage with degree of pollution 3 at AC rated value 1 000 V surge voltage resistance rated value 8 kV shock resistance according to IEC 60068-2-27 25 g /11 ms (rectangular impulse and sine pulse) mechanical service life (operating cycles) 25 000 • of the main contacts typical 25 000 electrical endurance (operating cycles) typical 25 000 electrical endurance (operating cycles) typical 25 000 substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C • during torage -50 +80 °C • during torage -50 +80 °C • during transport -50 +80 °C global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 24 kg global warming potential [CO2 e	 at AC in hot operating state 	18 W
surge voltage resistance rated value 8 kV shock resistance according to IEC 60068-2-27 25 g / 11 ms (rectangular impulse and sine pulse) mechanical service life (operating cycles) 25 000 • of the main contacts typical 25 000 electrical endurance (operating cycles) typical 25 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions installation altitude at height above sea level maximum abient temperature -00 °C • during operation -20 +60 °C • during transport -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Environmental footprint 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during goeration 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during goeration 265 kg global warming potential [CO2 eq] during goeration 265 kg global warming potential [CO2 eq] during goeration 265 kg global warming potential [CO2 eq] during goeration 265 kg <td> at AC in hot operating state per pole </td> <td>6 W</td>	 at AC in hot operating state per pole 	6 W
Shock resistance according to IEC 60068-2-27 25 g / 11 ms (rectangular impulse and sine pulse) mechanical service life (operating cycles) 25 000 • of the main contacts typical 25 000 electrical endurance (operating cycles) typical 25 000 reference code according to IEC 8136-2 Q Substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions installation altitude at height above sea level maximum ambient temperature - • during operation -20 +60 °C • during operation -20 +60 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Environmental footprint - global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 26 kg global warming potential [CO2 eq] during operation 26 kg global warming potential [CO2 eq] during operation 26 kg global warming potential [CO2 eq] during operation 26 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech	insulation voltage with degree of pollution 3 at AC rated value	1 000 V
mechanical service life (operating cycles) 25 000 • of the main contacts typical 25 000 • of auxiliary contacts typical 25 000 electrical endurance (operating cycles) typical 25 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions installation altitude at height above sea level maximum anbient temperature -20 +60 °C • during operation -20 +60 °C • during tarsport -50 +80 °C • during tarsport -50 +80 °C relative humidity during operation 10 95 % Environmental footprint global warming potential [CO2 eq] total global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] during sales 1.2.4 kg global warming potential [CO2 eq] during sales 1.2.4 kg global warming potential [CO2 eq] alter end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech	surge voltage resistance rated value	8 kV
of the main contacts typical of auxiliary contacts typical of auxiliary contacts typical 25 000 electrical endurance (operating cycles) typical 25 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature oduring operation -20 +60 °C oduring storage -50 +80 °C relative humidity during operation 10 95 % Environmental footprint global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during anelfacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during sales 1.55 kg Siemens Eco Profile (SEP) Siemens EcoTech Main circuit	shock resistance according to IEC 60068-2-27	25 g / 11 ms (rectangular impulse and sine pulse)
• of auxiliary contacts typical 25 000 electrical endurance (operating cycles) typical 25 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions installation altitude at height above sea level maximum ambient temperature - • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Environmental footprint 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech	mechanical service life (operating cycles)	
electrical endurance (operating cycles) typical 25 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions installation altitude at height above sea level maximum ambient temperature - • during operation -20 +60 °C • during transport -50 +80 °C • during transport -50 +80 °C global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech <	 of the main contacts typical 	25 000
reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions installation altitude at height above sea level maximum ambient temperature -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C • during transport -50 +80 °C global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech	 of auxiliary contacts typical 	25 000
Substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions installation altitude at height above sea level maximum ambient temperature 000 m • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Environmental footprint global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] difer end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech	electrical endurance (operating cycles) typical	25 000
SVHC substance name Lead - 7439-92-1 Weight 2.275 kg Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature - • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Environmental footprint 283.24 kg global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech Main circuit	reference code according to IEC 81346-2	Q
Weight 2.275 kg Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Environmental footprint global warming potential [CO2 eq] total global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during sales 1.5 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech Main circuit	Substance Prohibitance (Date)	03/01/2017
Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Environmental footprint 283.24 kg global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech Main circuit -15 kg	SVHC substance name	Lead - 7439-92-1
installation altitude at height above sea level maximum 2 000 m ambient temperature -20 +60 °C • during operation -20 +80 °C • during transport -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Environmental footprint global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech Main circuit	Weight	2.275 kg
ambient temperature • during operation • during storage • during storage • during transport -50 +80 °C • during transport relative humidity during operation 10 95 % Environmental footprint global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech	Ambient conditions	
• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °C• during transport-50 +80 °Crelative humidity during operation10 95 %Environmental footprintglobal warming potential [CO2 eq] total283.24 kgglobal warming potential [CO2 eq] during manufacturing18.5 kgglobal warming potential [CO2 eq] during sales1.24 kgglobal warming potential [CO2 eq] during operation265 kgglobal warming potential [CO2 eq] after end of life-1.5 kgSiemens Eco Profile (SEP)Siemens EcoTechMain circuit	installation altitude at height above sea level maximum	2 000 m
 during storage during transport during transport 50 +80 °C during transport 50 +80 °C relative humidity during operation 10 95 % Environmental footprint global warming potential [CO2 eq] total global warming potential [CO2 eq] during manufacturing global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life J.5 kg Siemens Eco Profile (SEP) Siemens EcoTech 	ambient temperature	
• during transport -50 +80 °C relative humidity during operation 10 95 % Environmental footprint	during operation	-20 +60 °C
relative humidity during operation 10 95 % Environmental footprint global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech Main circuit Image: Sale Sale Sale Sale Sale Sale Sale Sale	during storage	-50 +80 °C
Environmental footprint global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech Main circuit Image: Second Secon	during transport	-50 +80 °C
global warming potential [CO2 eq] total 283.24 kg global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech Main circuit	relative humidity during operation	10 95 %
global warming potential [CO2 eq] during manufacturing 18.5 kg global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech Main circuit	Environmental footprint	
global warming potential [CO2 eq] during sales 1.24 kg global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech Main circuit	global warming potential [CO2 eq] total	283.24 kg
global warming potential [CO2 eq] during operation 265 kg global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech Main circuit	global warming potential [CO2 eq] during manufacturing	18.5 kg
global warming potential [CO2 eq] after end of life -1.5 kg Siemens Eco Profile (SEP) Siemens EcoTech Main circuit -1.5 kg	global warming potential [CO2 eq] during sales	1.24 kg
Siemens Eco Profile (SEP) Siemens EcoTech Main circuit	global warming potential [CO2 eq] during operation	265 kg
Main circuit	global warming potential [CO2 eq] after end of life	-1.5 kg
	Siemens Eco Profile (SEP)	Siemens EcoTech
number of poles for main current circuit 3	Main circuit	
	number of poles for main current circuit	3

operating voltage	
• rated value	20 600 V
operating frequency rated value	50 60 Hz
operational current rated value	40 A
Protective and monitoring functions	
product function	
 ground fault detection 	No
phase failure detection	No
design of the overload release	thermal
maximum short-circuit current breaking capacity (Icu)	
 at AC at 240 V rated value 	100 kA
• at AC at 400 V rated value	100 kA
 at 480 AC Y/277 V according to UL 489 rated value 	65 kA
operating short-circuit current breaking capacity (Ics) at AC	
at 240 V rated value	100 kA
at 400 V rated value	50 kA
response value current of instantaneous short-circuit trip unit	520 A
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
height	170 mm
width	70 mm
depth	176 mm
required spacing	
for grounded parts at 400 V	00 mm
— downwards	90 mm 90 mm
— upwards — at the side	10 mm
for live parts at 400 V	
- downwards	90 mm
— upwards	90 mm
— at the side	10 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	screw-type terminals
arrangement of electrical connectors for main current	Top and bottom
circuit	
type of connectable conductor cross-sections	
for main contacts	
— solid	2x (2.5 16 mm²)
— solid or stranded	2x (2,5 50 mm²), 1x (10 70 mm²)
 finely stranded with core end processing 	2x (2.5 35 mm²), 1x (2.5 50 mm²)
 finely stranded without core end processing 	2x (10 35 mm²), 1x (10 50 mm²)
 for AWG cables for main contacts 	8
 for AWG cables for main contacts for box terminal using the front clamping point 	8
tightening torque	
 for main contacts with screw-type terminals 	4.5 6 N·m
design of screwdriver shaft	Hexagonal socket
size of the screwdriver tip	4 mm
design of the thread of the connection screw	
for main contacts	M8
Safety related data	
product function suitable for safety function	Yes
suitability for use	
safety-related switching on	No
safety-related switching OFF	Yes
service life maximum	10 a

test wear-related servi	ce life necessary		Yes		
proportion of dangero	us failures				
 with low demand 	rate according to SN 31	920	40 %		
 with high demand 	I rate according to SN 37	1920	50 %		
B10 value with high de	emand rate according t	to SN 31920	5 000		
failure rate [FIT] with low demand rate according to SN 31920		ding to SN	50 FIT		
ISO 13849					
device type according	to ISO 13849-1		3		
overdimensioning acc	ording to ISO 13849-2	necessary	Yes		
EC 61508					
safety device type acc	ording to IEC 61508-2		Туре А		
F1 value					
 for proof test inter 61508 	rval or service life accord	ding to IEC	10 a		
Electrical Safety					
protection class IP on	the front according to	IEC 60529	IP20		
ouch protection on th	e front according to IE	C 60529	finger-safe, for vertical contact	t from the front	
splay					
display version for switc	hing status		Handle		
provals Certificates					
<u> </u>		UK CA		UL	
ccc	EG-Konf.				
General Product Approval	EG-Konf. Test Certificates		Marine / Shipping	other	
	EG-Konf. Test Certificates Type Test Certific- ates/Test Report	Special Test Cert ate		other <u>Miscellaneous</u>	Confirmation
	Type Test Certific-				Confirmation
ERC	<u>Type Test Certific-</u> ates/Test Report				Confirmation
other VDE	<u>Type Test Certific-</u> ates/Test Report	ate Siemens	ific- UREAU VERITAS		Confirmation
proval EFFE other ther vDE	Type Test Certificates/Test Report Environment Epperature	ate Siemens	ific- UREAU VERITAS		Confirmation
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