SIEMENS

Data sheet 3RV2031-4WA15





Circuit breaker size S2 for motor protection, CLASS 10 A-release 42...52 A N-release 741 A screw terminal Standard switching capacity with transverse auxiliary switches 1 NO+1 NC



product brand name	SIRIUS	
product designation	Circuit breaker	
design of the product	For motor protection	
product type designation	3RV2	
General technical data		
size of the circuit-breaker	S2	
size of contactor can be combined company-specific	S2	
product extension auxiliary switch	Yes	
power loss [W] for rated value of the current		
 at AC in hot operating state 	24.5 W	
• at AC in hot operating state per pole	8.2 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 Sinus	
mechanical service life (operating cycles)		
 of the main contacts typical 	50 000	
of auxiliary contacts typical	50 000	
electrical endurance (operating cycles) typical	50 000	
reference code according to IEC 81346-2	Q	
Substance Prohibitance (Date)	10/15/2014	
SVHC substance name	Lead - 7439-92-1 Lead titanium zirconium oxide - 12626-81-2	
Weight	1.169 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		
Environmental Product Declaration(EPD)	Yes	
global warming potential [CO2 eq] total	239.877 kg	
global warming potential [CO2 eq] during manufacturing	12.8 kg	
global warming potential [CO2 eq] during sales	0.477 kg	
global warming potential [CO2 eq] during operation	230 kg	
global warming potential [CO2 eq] after end of life	-3.4 kg	

Solitable CO Ficial Cook Fig. 20 The fire fire in control of pois for main current circuit author of pois for main current circuit AC Upper of votilage for main current circuit AC Operating votage * if lack Oak Park of Walle * if AC-3 rated value maximum * at AC-3 rated value maximum * poperating frequency rated value * poperating frequency rated value * poperating operating according to the control of the company of the control of the company of the	Siemens Eco Profile (SEP)	Siemens EcoTech
		Giornald Lout coll
Accordance Acc		3
dependent overload release	•	
Operating vertage	dependent overload release	
		AC
	operating voltage	
e at ACSe rated value meanimum operational current rated value operational current • at AC-3 at 400 V rated value • at AC-3 — at 230 V rated value • at 800 V rated value • at AC-3 meanimum • 15 1/h • 16 1/h Auxiliary circuit design of the auxiliary switch Value of NC contacts for auxiliary contacts • 1 number of NC contacts for auxiliary contacts • 1 number of NC contacts for auxiliary contacts • 1 number of NC contacts for auxiliary contacts • 1 number of NC contacts for auxiliary contacts • 12 AV • at 230 V • at 230 V • at 230 V • at 125 V • at 220 V • at 125 V • at 220 V • at 125 V • at 220 V • at 126 V • at 126 V • at 127 V • at 128 V • at 220 V • at 128 V • at 220	rated value	20 690 V
Operating frequency rated value	 at AC-3 rated value maximum 	690 V
operational current rated value operational current	at AC-3e rated value maximum	690 V
Operational current • alt AC-3 ait 400 V rated value • alt AC-3 ait 400 V rated value • alt AC-3 ait 400 V rated value • alt AC-3 • alt AC-3 • alt AC-3 • alt AC-3 • alt 200 V rated value • alt 500 V rated value • alt 400 V rated value • alt AC-3 end valu		50 60 Hz
	operational current rated value	52 A
• at AC-3e at 400 V rated value • at AC-3 -at 230 V rated value -at 500 V rated value -at 600 V rated value -	operational current	
AC-3	 at AC-3 at 400 V rated value 	52 A
- at 230 V rated value	at AC-3e at 400 V rated value	52 A
at 230 V rated value	operating power	
at 400 V rated value	• at AC-3	
at 500 V rated value	— at 230 V rated value	15 kW
	— at 400 V rated value	22 kW
	— at 500 V rated value	30 kW
at 230 V rated value	— at 690 V rated value	45 kW
at 400 V rated value at 500 V rated value at 800 V rated value operating frequency •- at AC-3 maximum at AC-3 maximum at AC-3 e maximum	• at AC-3e	
at 500 V rated value	— at 230 V rated value	15 kW
operating frequency	— at 400 V rated value	22 kW
operating frequency • at AC-3 maximum • at AC-3 maximum • at AC-3 maximum • at AC-3 maximum 15 1/h Auxiliary circuit design of the auxiliary switch type of voltage for auxiliary switch type of voltage for auxiliary contacts type of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of CC contacts for auxiliary contacts 1 number of CC contacts for auxiliary contacts 0 operational current of auxiliary contacts at AC-15 • at 24 V • at 230 V 0.5 A operational current of auxiliary contacts at DC-13 • at 24 V • at 10 V • at 10 V • at 110 V • at 125 V • at 125 V • at 125 V • at 120 V Protective and monitoring functions product function • ground fault detection • ground fault detection • ground fault detection • phase failure detection • ground release maximum short-circuit current breaking capacity (Icu) • at AC at 400 V rated value • at AC at 400 V rated value • at AC at 600 V rated value • at AC at 600 V rated value • at AC at 600 V rated value • at AC at 400 V rated value • at 600 V rated value • at	— at 500 V rated value	30 kW
at AC-3 maximum at AC-3 maximum bat AC-3 maximum 15 1/h at AC-3 maximum 15 1/h at AC-3 maximum 15 1/h bat AC-3 maximum 15 1/h transverse type of voltage for auxiliary and control circuit AC/DC number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 0 operational current of auxiliary contacts at AC-15 at 24 V 2A at 230 V 0.5 A operational current of auxiliary contacts at DC-13 at 24 V 1A at 60 V 0.15 A at 110 V 0.A at 110 V 0.A at 110 V 0.A at 125 V 0.A at 220 V Protective and monitoring functions product function ground fault detection yes trip class CLASS 10 design of the overload release maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value at AC at 400 V rated value 4 AC at 2600 V rated value 4 AC at 240 V rated value 5 KA 4 AC at 240 V rated value 4 AC at 240 V rated value 5 AC at 240 V rated value 4 AC at 240 V rated value 5 AC at 2500 V rated value 5	— at 690 V rated value	45 kW
author of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts operational current of auxiliary contacts at AC-15 at 24 V at 230 V operational current of auxiliary contacts at DC-13 at 24 V at 120 V operational current of auxiliary contacts at DC-13 at 24 V at 10 V operational current of auxiliary contacts at DC-13 at 24 V at 10 V operational current of auxiliary contacts at DC-13 at 24 V at 10 V operational current of auxiliary contacts at DC-13 at 25 V other of NC at 110 V other of NC at 110 V other of NC product function ground fault detection Yes trip class class CLASS 10 design of the overload release maximum short-circuit current breaking capacity (icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 500 V rated value at AC at 500 V rated value at AC at 400 V rated value at 600 V rated value	operating frequency	
Auxiliary circuit design of the auxiliary switch transverse type of voltage for auxiliary and control circuit AC/DC number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of CO contacts for auxiliary contacts 1 number of CO contacts for auxiliary contacts 0 0 0 0 0 0 0 0 0	• at AC-3 maximum	15 1/h
design of the auxillary switch type of voltage for auxillary and control circuit AC/DC number of NC contacts for auxillary contacts 1 number of NO contacts for auxillary contacts 1 number of CO contacts for auxillary contacts 0 operational current of auxillary contacts at AC-15 • at 24 V 2 A • at 230 V 0.5 A operational current of auxillary contacts at DC-13 • at 24 V 1 1 A • at 60 V 0.15 A • at 110 V 0 A • at 110 V 0 A • at 125 V 0 A • at 220 V 0 A Protective and monitoring functions product function • ground fault detection Yes trip class CLASS 10 design of the overload release themal maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value 65 kA • at AC at 500 V rated value 4 kA • at AC at 500 V rated value 4 kA • at 400 V rated value 4 kA • at 400 V rated value 4 kA • at 400 V rated value 5 kA • at 400 V rated value 4 kA • at 400 V rated value 5 kA • at 400 V rated value 6 kA • at 500 V rated value 6 kA • at 600 V rated value 7 kA • at 600 V rated value 7 kA • at 600 V rated value	• at AC-3e maximum	15 1/h
type of voltage for auxiliary and control circuit number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of CO contacts for auxiliary contacts 0 operational current of auxiliary contacts at AC-15 • at 24 V	Auxiliary circuit	
number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 operational current of auxiliary contacts at AC-15 0 • at 24 V 2 A • at 230 V 0.5 A operational current of auxiliary contacts at DC-13 1 A • at 60 V 0.15 A • at 110 V 0 A • at 125 V 0 A • at 220 V 0 A Protective and monitoring functions No product function Yes • phase failure detection Yes trip class CLASS 10 design of the overload release thermal maximum short-circuit current breaking capacity (Icu) • at AC at 400 V rated value 65 kA • at AC at 400 V rated value 4 kA • at AC at 500 V rated value 4 kA • at 400 V rated value 30 kA • at 400 V rated value 30 kA • at 690 V rated value 4 kA	design of the auxiliary switch	transverse
number of NO contacts for auxiliary contacts 1 number of CO contacts for auxiliary contacts 0 operational current of auxiliary contacts at AC-15 2 A • at 230 V 0.5 A operational current of auxiliary contacts at DC-13 1 A • at 24 V 1 A • at 60 V 0.15 A • at 110 V 0 A • at 125 V 0 A • at 220 V 0 A Protective and monitoring functions Product function • ground fault detection Yes • phase failure detection Yes trip class CLASS 10 design of the overload release thermal maximum short-circuit current breaking capacity (Icu) 100 kA • at AC at 240 V rated value 65 kA • at AC at 500 V rated value 8 kA • at AC at 690 V rated value 4 kA • at 240 V rated value 30 kA • at 240 V rated value 30 kA • at 500 V rated value 4 kA • at 690 V rated value 4 kA • at 690 V rated value 4 kA <td>type of voltage for auxiliary and control circuit</td> <td>AC/DC</td>	type of voltage for auxiliary and control circuit	AC/DC
number of CO contacts for auxiliary contacts at AC-15 operational current of auxiliary contacts at AC-15 otat 24 V 2 0.5 A operational current of auxiliary contacts at DC-13 otat 24 V 1 A otat 60 V 0.15 A otat 110 V 0 A otat 125 V 0 A otat 220 V 0 A Protective and monitoring functions product function ophase failure detection No ophase failure detection Yes trip class CLASS 10 design of the overload release thermal maximum short-circuit current breaking capacity (Icu) otat AC at 400 V rated value 65 kA otat AC at 500 V rated value 4 kA operating short-circuit current breaking capacity (Ics) at AC otat 240 V rated value 30 kA otat AC at 500 V rated value 4 kA operating short-circuit current breaking capacity (Ics) at AC otat 240 V rated value 30 kA otat 400 V rated value 4 kA operating short-circuit current breaking capacity (Ics) at AC otat 240 V rated value 30 kA otat 400 V rated value 4 kA operating short-circuit current breaking capacity (Ics) at AC otat 240 V rated value 4 kA operating short-circuit current breaking capacity (Ics) at AC otat 240 V rated value 30 kA otat 500 V rated value 4 kA operating short-circuit current breaking capacity (Ics) at AC otat 500 V rated value 4 kA operating short-circuit current breaking capacity (Ics) at AC otat 500 V rated value 4 kA operating short-circuit current breaking capacity (Ics) at AC otat 500 V rated value 4 kA operating short-circuit current breaking capacity (Ics) at AC	number of NC contacts for auxiliary contacts	1
operational current of auxiliary contacts at AC-15	number of NO contacts for auxiliary contacts	1
• at 24 V • at 230 V 0 perational current of auxiliary contacts at DC-13 • at 24 V • at 60 V • at 110 V • at 110 V • at 220 V • at 220 V • at 220 V • at 220 V Protective and monitoring functions product function • ground fault detection • phase failure detection • phase failure detection • yes trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at 240 V rated value • at 400 V rated value • at 690 V rated value	number of CO contacts for auxiliary contacts	0
• at 230 V operational current of auxiliary contacts at DC-13 • at 24 V • at 60 V • at 110 V • at 125 V • at 220 V OA Protective and monitoring functions product function • ground fault detection • phase failure detection * trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at 400 V rated value • at 500 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value	operational current of auxiliary contacts at AC-15	
operational current of auxiliary contacts at DC-13 • at 24 V • at 60 V • at 110 V • at 125 V • at 220 V 0 A Protective and monitoring functions product function • ground fault detection • phase failure detection Yes trip class CLASS 10 design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at 400 V rated value	• at 24 V	2 A
at 24 V at 60 V at 110 V at 110 V at 125 V at 125 V o A at 220 V Drotective and monitoring functions product function ground fault detection yes trip class CLASS 10 design of the overload release maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 400 V rated value at AC at 500 V rated value at 690 V rated value at 400 V rated value at 400 V rated value at 500 V rated value at 400 V rated value at 400 V rated value at 400 V rated value at 500 V rated value at 400 V rated value at 500 V rated value at 400 V rated value at 690 V rated value	• at 230 V	0.5 A
at 10 V at 110 V at 125 V at 220 V 0 A eat 220 V Protective and monitoring functions product function • ground fault detection • phase failure detection • phase failure detection • trip class CLASS 10 design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 400 V rated value • at 600 V rated value	operational current of auxiliary contacts at DC-13	
• at 110 V • at 125 V • at 220 V • 0 A • at 220 V • 0 A Protective and monitoring functions product function • ground fault detection • phase failure detection • phase failure detection • product function • phase failure detection • phase failure detect	• at 24 V	1 A
at 125 V at 220 V Protective and monitoring functions product function aground fault detection phase failure detection trip class CLASS 10 design of the overload release maximum short-circuit current breaking capacity (Icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 690 V rated value at AC at 240 V rated value at AC at 240 V rated value at AC at 240 V rated value at AC at 350 V rated value at 30 kA at 30 V rated value at 30 kA at 30 V rated value at 690 V rated value	● at 60 V	0.15 A
otal 220 V Protective and monitoring functions product function oground fault detection ophase failure detection Yes trip class CLASS 10 design of the overload release maximum short-circuit current breaking capacity (Icu) oat AC at 240 V rated value oat AC at 240 V rated value oat AC at 500 V rated value oat AC at 690 V rated value oat AC at 240 V rated value oat AC at 240 V rated value oat AC at 500 V rated value oat AC at 690 V rated value oat 240 V rated value oat 690 V rated value	• at 110 V	0 A
Product function • ground fault detection • phase failure detection • phase failure detection trip class CLASS 10 design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at 240 V rated value • at AC at 240 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at 500 V rated value • at 240 V rated value • at 240 V rated value • at 240 V rated value • at 690 V rated value	• at 125 V	0 A
product function • ground fault detection • phase failure detection Yes trip class CLASS 10 design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at 240 V rated value • at 2500 V rated value • at 240 V rated value • at 400 V rated value • at 400 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value	• at 220 V	0 A
• ground fault detection • phase failure detection Yes trip class CLASS 10 design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at 240 V rated value • at 400 V rated value • at 240 V rated value • at 500 V rated value • at 240 V rated value • at 240 V rated value • at 240 V rated value • at 2500 V rated value • at 400 V rated value • at 690 V rated value	Protective and monitoring functions	
phase failure detection trip class CLASS 10 design of the overload release	product function	
trip class design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at 240 V rated value • at 240 V rated value • at 2500 V rated value • at 240 V rated value • at 400 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 690 V rated value	 ground fault detection 	No
design of the overload release maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at 240 V rated value • at 240 V rated value • at 2500 V rated value • at 240 V rated value • at 690 V rated value • at 690 V rated value • at 500 V rated value • at 690 V rated value	phase failure detection	Yes
maximum short-circuit current breaking capacity (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 690 V rated value • at AC at 690 V rated value • at 240 V rated value • at 240 V rated value • at 240 V rated value • at 500 V rated value • at 690 V rated value	trip class	CLASS 10
 at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 690 V rated value 4 kA Operating short-circuit current breaking capacity (Ics) at AC at 240 V rated value at 400 V rated value at 500 V rated value at 500 V rated value at 690 V rated value at 690 V rated value 	design of the overload release	thermal
 at AC at 400 V rated value at AC at 500 V rated value 8 kA at AC at 690 V rated value 4 kA Operating short-circuit current breaking capacity (Ics) at AC at 240 V rated value at 400 V rated value at 500 V rated value at 690 V rated value 2 kA 	maximum short-circuit current breaking capacity (Icu)	
 at AC at 500 V rated value at AC at 690 V rated value 4 kA operating short-circuit current breaking capacity (Ics) at AC at 240 V rated value at 400 V rated value at 500 V rated value at 690 V rated value 4 kA at 690 V rated value 2 kA 	• at AC at 240 V rated value	100 kA
■ at AC at 690 V rated value Operating short-circuit current breaking capacity (Ics) at AC ■ at 240 V rated value ■ at 400 V rated value ■ at 500 V rated value ■ at 690 V rated value	• at AC at 400 V rated value	65 kA
operating short-circuit current breaking capacity (Ics) at AC • at 240 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value 2 kA	• at AC at 500 V rated value	8 kA
 at 240 V rated value at 400 V rated value at 500 V rated value at 690 V rated value 2 kA 	at AC at 690 V rated value	4 kA
 at 400 V rated value at 500 V rated value at 690 V rated value 2 kA 	operating short-circuit current breaking capacity (lcs) at AC	
■ at 500 V rated value ■ at 690 V rated value ■ 2 kA	• at 240 V rated value	100 kA
at 690 V rated value 2 kA	• at 400 V rated value	30 kA
	• at 500 V rated value	4 kA
response value current of instantaneous short-circuit trip unit 741 A	at 690 V rated value	2 kA
	response value current of instantaneous short-circuit trip unit	741 A

UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	52 A
at 600 V rated value	52 A
yielded mechanical performance [hp]	
for single-phase AC motor	
— at 110/120 V rated value	5 hp
— at 230 V rated value	10 hp
• for 3-phase AC motor	
— at 200/208 V rated value	15 hp
— at 220/230 V rated value	20 hp
— at 460/480 V rated value	40 hp
— at 575/600 V rated value	50 hp
contact rating of auxiliary contacts according to UL	C300 / R300
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
design of the fuse link	
• for short-circuit protection of the auxiliary switch required	fuse gG: 10 A, miniature circuit breaker C 6 A (short-circuit current lk < 400 A)
design of the fuse link for IT network for short-circuit	
protection of the main circuit	
• at 240 V	none required
• at 400 V	160
• at 500 V	125
• at 690 V	100
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
height	140 mm
width	55 mm
depth	149 mm
required spacing	0 mm
 with side-by-side mounting at the side for grounded parts at 400 V 	Ollilli
— downwards	50 mm
— upwards	50 mm
— at the side	10 mm
• for live parts at 400 V	10 min
— downwards	50 mm
— upwards	50 mm
— at the side	10 mm
• for grounded parts at 500 V	
— downwards	50 mm
— upwards	50 mm
— at the side	10 mm
• for live parts at 500 V	
— downwards	50 mm
— upwards	50 mm
— at the side	10 mm
• for grounded parts at 690 V	
— downwards	50 mm
— upwards	50 mm
— at the side	10 mm
• for live parts at 690 V	
To live parte at eee v	
— downwards	50 mm
·	50 mm 50 mm
— downwards	
— downwards — upwards	50 mm
downwardsupwardsat the side	50 mm
— downwards — upwards — at the side Connections/ Terminals	50 mm

	-
arrangement of electrical connectors for main current circuit	Top and bottom
type of connectable conductor cross-sections	
• for main contacts	
— solid or stranded	2x (1 35 mm²), 1x (1 50 mm²)
 finely stranded with core end processing 	2x (1 25 mm²), 1x (1 35 mm²)
 for AWG cables for main contacts 	2x (18 2), 1x (18 1)
type of connectable conductor cross-sections	
 for auxiliary contacts 	
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
 for AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14)
tightening torque	
 for main contacts with screw-type terminals 	3 4.5 N·m
• for auxiliary contacts with screw-type terminals	0.8 1.2 N·m
design of screwdriver shaft	Diameter 5 to 6 mm
size of the screwdriver tip	Pozidriv size 2
design of the thread of the connection screw	
• for main contacts	M6
of the auxiliary and control contacts	M3
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 service life necessary	Yes
proportion of dangerous failures	
 with low demand rate according to SN 31920 	40 %
 with high demand rate according to SN 31920 	50 %
B10 value with high demand rate according to SN 31920	5 000
failure rate [FIT] with low demand rate according to SN 31920	50 FIT
ISO 13849	
device type according to ISO 13849-1	3
overdimensioning according to ISO 13849-2 necessary	Yes
IEC 61508	
safety device type according to IEC 61508-2	Type A
T1 value	
 for proof test interval or service life according to IEC 61508 	10 a
Electrical Safety	
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Display	
display version for switching status	Handle
Approvals Certificates	
General Product Approval	
••	









<u>KC</u>



General Product Approval

For use in hazardous locations

Test Certificates

Marine / Shipping

BIS CRS





Special Test Certificate

Type Test Certificates/Test Report



Marine / Shipping other











Miscellaneous

other

Railway

Environment

Confirmation



Special Test Certific-<u>ate</u>

Confirmation







Environment

Environmental Confirmations

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=3RV2031-4WA15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2031-4WA15

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RV2031-4WA15

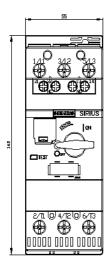
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

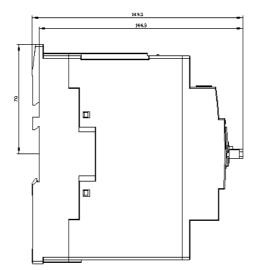
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2031-4WA15&lang=en

Characteristic: Tripping characteristics, I^2t , Let-through current

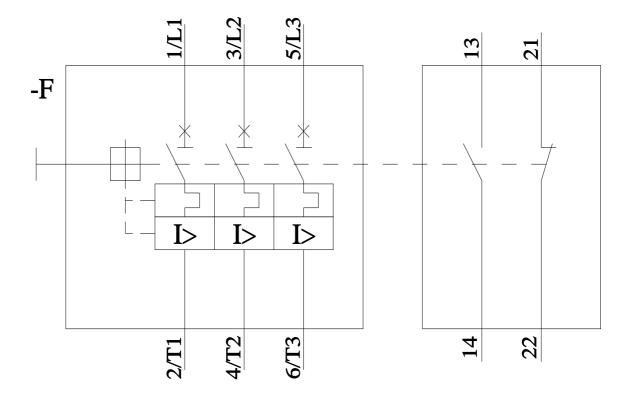
https://support.industry.siemens.com/cs/ww/en/ps/3RV2031

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2031-4WA15&objecttype=14&gridview=view1









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