SIEMENS

Data sheet 3RV2342-4JC10



Circuit breaker size S3 for starter combination Rated current 63 A N-release 819 A screw terminal Increased switching capacity 100 kA $\,$

product brand name	SIRIUS
product designation	Circuit breaker
design of the product	For starter combinations
product type designation	3RV2
General technical data	
size of the circuit-breaker	S3
size of contactor can be combined company-specific	S3
product extension auxiliary switch	Yes
power loss [W] for rated value of the current	
 at AC in hot operating state 	34 W
 at AC in hot operating state per pole 	11.3 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	25g / 11 ms Sinus
mechanical service life (operating cycles)	
 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	Blei - 7439-92-1
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 %
Main circuit	
number of poles for main current circuit	3
operating voltage	
rated value	20 690 V
 at AC-3 rated value maximum 	690 V
at AC-3e rated value maximum	690 V
operating frequency rated value	50 60 Hz
operational current rated value	63 A
operational current	
 at AC-3 at 400 V rated value 	00.4
at 710 out 400 v lated value	63 A
at AC-3e at 400 V rated value	63 A

• at AC-3	
— at 230 V rated value	18.5 kW
— at 400 V rated value	30 kW
— at 500 V rated value	37 kW
— at 690 V rated value	55 kW
• at AC-3e	
— at 230 V rated value	18.5 kW
— at 400 V rated value	30 kW
— at 500 V rated value	37 kW
— at 690 V rated value	55 kW
	33 KW
operating frequency	45 A/L
• at AC-3 maximum	15 1/h
at AC-3e maximum	15 1/h
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 AC at 500 V rated value	15 kA
at AC at 690 V rated value	7.5 kA
operating short-circuit current breaking capacity (Ics) at AC	
• at 240 V rated value	100 kA
• at 400 V rated value	50 kA
at 500 V rated value	7.5 kA
at 690 V rated value at 690 V rated value	4 kA
response value current of instantaneous short-circuit trip unit	819 A
UL/CSA ratings	013 A
OL/C3A fattings	
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value	63 A
at 480 V rated value at 600 V rated value	63 A 63 A
• at 480 V rated value	
 at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor 	63 A
at 480 V rated value at 600 V rated value yielded mechanical performance [hp]	
 at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor 	63 A
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value	63 A 5 hp
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value	63 A 5 hp
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor	63 A 5 hp 15 hp
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value	63 A 5 hp 15 hp 20 hp
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 220/230 V rated value	63 A 5 hp 15 hp 20 hp 25 hp
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value	63 A 5 hp 15 hp 20 hp 25 hp 50 hp
 at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value — at 230 V rated value for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value 	63 A 5 hp 15 hp 20 hp 25 hp 50 hp
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Short-circuit protection	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value short-circuit protection product function short circuit protection design of the short-circuit trip Installation/ mounting/ dimensions	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value at 575/600 V rated value bhort-circuit protection product function short circuit protection design of the short-circuit trip Installation/ mounting/ dimensions mounting position	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value — at 230 V rated value for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip Installation/ mounting/ dimensions mounting position fastening method	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value short-circuit protection product function short circuit protection design of the short-circuit trip Installation/ mounting/ dimensions mounting position fastening method height	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 165 mm
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip Installation/ mounting/ dimensions mounting position fastening method height width	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 165 mm 70 mm
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value — at 230 V rated value for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip Installation/ mounting/ dimensions mounting position fastening method height width depth	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 165 mm
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value — at 230 V rated value for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing	5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 165 mm 70 mm 176 mm
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value — at 230 V rated value for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting at the side	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 165 mm 70 mm
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value at 575/600 V rated value short-circuit protection product function short circuit protection design of the short-circuit trip 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	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 165 mm 70 mm 176 mm 0 mm
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value at 575/600 V rated value short-circuit protection product function short circuit protection design of the short-circuit trip 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	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 165 mm 70 mm 176 mm 0 mm 70 mm
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip 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	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 165 mm 70 mm 176 mm 0 mm 70 mm 70 mm
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value at 575/600 V rated value short-circuit protection product function short circuit protection design of the short-circuit trip 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	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 165 mm 70 mm 176 mm 0 mm 70 mm
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip 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	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 165 mm 70 mm 176 mm 0 mm 70 mm 70 mm
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value at 575/600 V rated value short-circuit protection product function short circuit protection design of the short-circuit trip 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 upwards at the side	63 A 5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 165 mm 70 mm 176 mm 0 mm 70 mm 70 mm
at 480 V rated value at 600 V rated value yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value at 575/600 V rated value short-circuit protection product function short circuit protection design of the short-circuit trip 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 ut the side for live parts at 400 V	5 hp 15 hp 20 hp 25 hp 50 hp 60 hp Yes magnetic any screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 165 mm 70 mm 176 mm 0 mm 70 mm 70 mm 10 mm

at the side		
- downwards		10 mm
- upwards	 for grounded parts at 500 V 	
- at the side	— downwards	110 mm
• for live parts at 500 V - downwards - upwards - at the side • for grounded parts at 690 V - downwards - upwards - upwards - backwards - backwards - onm - forwards - for live parts at 690 V - downwards - the side - boackwards - onm - forwards - for live parts at 690 V - downwards - for live parts at 690 V - downwards - for live parts at 690 V - downwards - for live parts at 690 V - downwards - for live parts at 690 V - downwards - onm - forwards - onm - forwards - at the side - backwards - onm - forwards - at the side - backwards - onm - forwards - at the side - backwards - onm - forwards - for main current circuit - formain current circuit - for main current circuit - solid - solid or stranded - finely stranded with orce end processing - finely stranded without core end processing - finely stranded with order end processing - finely stranded without core end processing - finely stranded with order end processing - finely stranded without core end processing - finely stranded with order end processing - finel	— upwards	110 mm
- downwards - upwards - of the side - of grounded parts at 690 V - downwards - upwards - of mm - backwards - of mm - backwards - of mm - forwards - of mm - forwards - of mm - of man upwards - of mm - of	— at the side	10 mm
- upwards	for live parts at 500 V	
• for grounded parts at 690 V - downwards - upwards - upwards - backwards - at the side - forwards - forwards - forwards - forwards - onm - onwards - forwards - upwards - onm - onwards - onm - forwards - for main current circuit - solid - solid or stranded - finely stranded without core end processing - for main contacts for ring cable lug - finely stranded with screw-type terminals - or main contacts for ring cable lug maximum - or main contacts for ring cable lug maximum - fightening torque - or main contacts with screw-type terminals - or main contacts with screw	— downwards	110 mm
• for grounded parts at 690 V - downwards - upwards - backwards - backwards - forwards - forwards • for live parts at 690 V - downwards • to for live parts at 690 V - downwards - upwards - upwards - upwards - backwards - forwards - backwards - forman current circuit - forwards - formain current circuit - solid electrical connectors for main current circuit - solid or stranded - for main contacts - solid or stranded with core end processing - finely stranded with core end processing - finely stranded with core end processing - finely stranded without core end proce	— upwards	110 mm
- downwards	— at the side	10 mm
- upwards	 for grounded parts at 690 V 	
- backwards	— downwards	150 mm
- at the side - forwards - for live parts at 690 V - downwards - upwards - backwards - at the side - horwards - the side - forwards - omm	— upwards	150 mm
• for live parts at 690 V — downwards — upwards — backwards — at the side — forwards — forwards — of main contacts for ring cable lug — for main contacts for ring cable lug — for main contacts with screw-type terminals • for main contacts for ring cable lug — for main contacts with screw-type terminals — so lid — for main contacts for ring cable lug — for main contacts for ring cable lug — for main contacts for ring cable lug maximum ightening torque — for main contacts with screw-type terminals - for main contacts for ring cable lug maximum ightening torque — for main contacts with screw-type terminals - for main contacts for ring cable lug maximum ightening torque — for main contacts with screw-type terminals - for wain contacts for ring cable lug maximum ightening torque — for main contacts with screw-type terminals - for wain contacts - for wain contacts - for wain contacts - for wain co	— backwards	0 mm
• for live parts at 690 V — downwards — upwards — backwards — at the side — bowards — of main current circuit ype of electrical connecton • for main current circuit ype of connectable conductor cross-sections • for main contacts — solid — solid or stranded — finely stranded with core end processing — finely stranded without core end processing — finely stranded without core end processing — for main contacts for ring cable lug — of main contacts for ring cable lug — of main contacts for ring cable lug — of main contacts with screw-type terminals 4.5 6 N·m giptiening torque — of or main contacts with screw-type terminals virelated data vorportion of dangerous failures — with low demand rate according to SN 31920 — with high demand rate according to SN 31920 — with high demand rate according to SN 31920 — St 51508 11 value for proof test interval or service life according to EC 61508 11 value for proof test interval or service life according to EC 61509 Ilsplay version for switching status Handle Handle	— at the side	30 mm
- downwards	— forwards	0 mm
- upwards	• for live parts at 690 V	
— backwards 0 mm — at the side 30 mm — forwards 0 mm Innections/ Torminals ype of electrical connection • for main current circuit screw-type terminals ype 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) ightening torque • for main contacts for ring cable lug 4.5 6 N·m ightening torque • for main contacts with screw-type terminals ightening torque • for main contacts ightening torque ightening torque ightening torque	— downwards	150 mm
- at the side - forwards 0 mm onnections/ Terminals yee of electrical connection • for main current circuit trrangement of electrical connectors for main current ircuit yee of onnectable conductor cross-sections • for main contacts - solid - solid or stranded - finely stranded with core end processing - finely stranded without core end processing - for main contacts for ring cable lug - for main contacts for ring cable lug - for main contacts for ring cable lug maximum ightening torque • for main contacts with screw-type terminals - for main contacts with screw-type terminals - solid - Solid or stranded - finely stranded without core end processing - finely stranded without core end processing - finely stranded without core end processing - for main contacts for ring cable lug - for main contacts with screw-type terminals - for main contacts or fine cable lug maximum - fightening torque - for main contacts for sing cable lug maximum - fightening torque - for main contacts for sing cable lug maximum - fightening torque - for poor floates filters - with low demand rate according to SN 31920 - with high demand rate according to SN 31920 - with high demand rate according to SN 31920 - with high demand rate according to SN 31920 - with high demand rate according to SN 31920 - with high demand rate according to SN 31920 - with high demand rate according to SN 31920 - for for poor floats interval or service life according to SN 31920 - for formal contacts for minal contacts for minal contacts for minal contacts for m	— upwards	150 mm
— forwards proceed electrical connection • for main current circuit proportion of an electrical connectors for main current circuit proportion of an electrical connectors for main current circuit proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • vide proportion class IP on the front according to IEC 60529 proportion of function cancer for main contact from the front according to IEC 60529 in fingler, safe, for vertical contact from the front according to IEC 60529 finglery version for switching status proportion for switching status in finglery version for switching status proportion of switching status proportion of switching status proportion of switching status proportion of the front according to IEC 60529 fingler, safe, for vertical contact from the front displayed in panel of the contact of the front according to IEC 60529 fingler, safe, for vertical contact from the front according to IEC 60529 fingler, safe, for vertical contact from the front according to IEC 60529 fingler, safe, for vertical contact from the front according to IEC 60529 fingler, safe, for vertical contact from the front according to IEC 60529 fingler, safe, for vertical contact from the front according to IEC 60529 fingler, safe, for vertical contact from the front according to IEC 60529 fingler, safe, for vertical contact from the front according to IEC 60529 fingler, safe, for vertical contact from the front IEC 60529 fingler, safe, for vertical contact from the front IEC 60529 fingler, safe, for vertical contact from the front IEC 60529 fingler, safe, for vertical contact from the front IEC 60529 fingler, safe, for vertical contact from the front IEC 60529 fingler, safe, for vertical contact from the front IEC 60529 fingler, safe, for vertical contact from the front IEC 60529 fingler, safe, for vertical contact from the front IEC 60529 fingler, safe, for vertical contact from the front IEC 60529 fingler, safe, for vertical	— backwards	0 mm
ype of electrical connection • for main current circuit screw-type terminals Top and bottom Top and bottom Top and bottom **Top and bo	— at the side	30 mm
A pype of electrical connection • for main current circuit Top and bottom T	— forwards	0 mm
• for main current circuit screw-type terminals Top and bottom Top and	onnections/ Terminals	
Top and bottom Top and bottom	ype of electrical connection	
efficiency pee of connectable conductor cross-sections • for main contacts — solid — solid or stranded — finely stranded with core end processing — finely stranded without core end processing — for main contacts for ring cable lug • for main contacts for ring cable lug — to main contacts for ring cable lug maximum ightening torque • for main contacts with screw-type terminals • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • for proof test interval or service life according to SO 300 ECC 61508 It value for proof test interval or service life according to EC 60529 In couch protection on the front according to IEC 60529 Finger-safe, for vertical contact from the front life in the firent according to IEC 60529 Finger-safe, for vertical contact from the front life in the firent according to IEC 60529 Finger-safe, for vertical contact from the front life in the firent according to IEC 60529 Finger-safe, for vertical contact from the front life in the firent according to IEC 60529 Finger-safe, for vertical contact from the front life in the firent according to IEC 60529 Finger-safe, for vertical contact from the front life in the firent according to IEC 60529	for main current circuit	screw-type terminals
• for main contacts — solid — solid 2x (2.5 16 mm²) — solid 7x 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) — finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) ightening torque • for main contacts for ring cable lug maximum 19 mm ightening torque • for main contacts with screw-type terminals 4.5 6 N·m fety related data proportion of dangerous failures • with low demand rate according to SN 31920 50 % • with high demand rate according to SN 31920 50 % B10 value with high demand rate according to SN 31920 50 00 EC 61508 F1 value for proof test interval or service life according to 10 a EC 61508 Electrical Safety protection class IP on the front according to IEC 60529 inger-safe, for vertical contact from the front display version for switching status Handle		Top and bottom
- solid - solid or stranded - solid or stranded - finely stranded with core end processing - finely stranded with core end processing - 2x (2.5 35 mm²), 1x (10 70 mm²) - finely stranded without core end processing - 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing - 2x (10 35 mm²), 1x (10 50 mm²) - 2x (10 50 mm²) - 2x (10 50 mm²), 1x (10 50 mm²) - 2x (10 50 mm²), 1x (10 50 mm²) - 2x (10 50 mm²), 1x (10 50 mm²) - 2x (10 50 mm²), 1x (10 50 mm²) - 2x (10 50 mm²), 1x (10 50 mm²) - 2x (10 50 mm²), 1x (10 50 mm²), 1x (10 50 mm²) - 2x (10 50 mm²), 1x (10 50 mm²),	type of connectable conductor cross-sections	
- 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) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 35 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 35 mm²) - finely stranded without core end processing 2x (10 35 mm²), 1x (10 35 mm²) - finely stranded without core e	for main contacts	
- finely stranded with core end processing - finely stranded without core end processing - finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²)	— solid	2x (2.5 16 mm²)
finely stranded without core end processing 2x (10 35 mm²), 1x (10 50 mm²) dightening torque • for main contacts for ring cable lug • for main contacts for ring cable lug maximum 19 mm dightening torque • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts with screw-type terminals • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 • With high demand rate according to SN 31920 • To value for proof test interval or service life according to EC 61508 For value for proof test interval or service life according to EC 61508 For value for proof test interval or service life according to EC 61508 For value for proof test interval or service life according to EC 60529 For otection class IP on the front according to IEC 60529 For otection on the front according to IEC 60529 Finger-safe, for vertical contact from the front display version for switching status Handle	— solid or stranded	2x (2,5 50 mm²), 1x (10 70 mm²)
e for main contacts for ring cable lug • for main contacts for ring cable lug maximum 19 mm lightening torque • for main contacts with screw-type terminals • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 EC 61508 If value for proof test interval or service life according to EC 61508 Electrical Safety protection class IP on the front according to IEC 60529 finger-safe, for vertical contact from the front display version for switching status Handle	 finely stranded with core end processing 	2x (2.5 35 mm²), 1x (2.5 50 mm²)
of r main contacts for ring cable lug outer diameter of the usable ring cable lug maximum outer diameter of the usable ring cable	 finely stranded without core end processing 	2x (10 35 mm²), 1x (10 50 mm²)
buter diameter of the usable ring cable lug maximum 19 mm 19 mm 4.5 6 N·m Interpretated data Proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 50 % B10 value with high demand rate according to SN 31920 EC 61508 Fit value for proof test interval or service life according to EC 61508 Electrical Safety Protection class IP on the front according to IEC 60529 Finger-safe, for vertical contact from the front display version for switching status 19 mm 19 mm 19 mm 10 mm	ightening torque	
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for main contacts with screw-type terminals fety related data foroportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 so with hig	outer diameter of the usable ring cable lug maximum	19 mm
fety related data oroportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 50 % 810 value with high demand rate according to SN 31920 EC 61508 F1 value for proof test interval or service life according to EC 61508 Electrical Safety orotection class IP on the front according to IEC 60529 ouch protection on the front according to IEC 60529 display version for switching status F1 the value of the vertical contact from the front the front display version for switching status F2 the value of the vertical contact from the front description of the front description o	ightening torque	
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display version for switching status Handle	protection class ID on the front according to IEC 60520	IP20
	Notection class if on the nont according to iEC 60525	finger cafe, for vertical contact from the front
provals Certificates		iniger-sale, for vertical contact from the from
	ouch protection on the front according to IEC 60529	









General Product Approval	Test Certificates	Marine / Shipping
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Type Test Certificates/Test Report

Special Test Certificate







Marine / Shipping

other







Confirmation

Miscellaneous



Railway

Environment

Confirmation

EPD Typ II/III (with life cylce assessment)

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=3RV2342-4JC10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2342-4JC10

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2342-4JC10

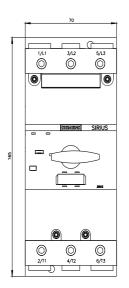
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

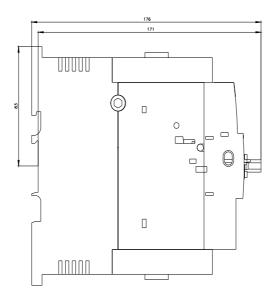
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2342-4JC10&lang=en

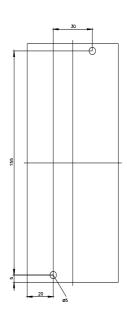
Characteristic: Tripping characteristics, I2t, Let-through current

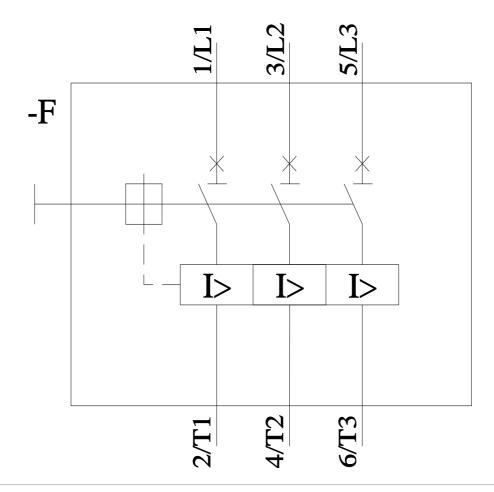
https://support.industry.siemens.com/cs/ww/en/ps/3RV2

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2342-4JC10&objecttype=14&gridview=view1









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