SIEMENS

Data sheet 3RW5215-3AC04



SIRIUS soft starter 200-480 V 25 A, 24 V AC/DC spring-type terminals Analog output

product brand name product category product designation product type designation manufacturer's article number

- of standard HMI module usable
- of high feature HMI module usable
- of communication module PROFINET standard usable
- of communication module PROFIBUS usable
- of communication module Modbus TCP usable
- of communication module Modbus RTU usable
- of communication module Ethernet/IP
- of circuit breaker usable at 400 V
- of circuit breaker usable at 500 V
- of circuit breaker usable at 400 V at inside-delta circuit
- of circuit breaker usable at 500 V at inside-delta circuit
- of the gG fuse usable up to 690 V
- of the gG fuse usable at inside-delta circuit up to 500 V
- \bullet of full range R fuse link for semiconductor protection usable up to 690 V
- of back-up R fuse link for semiconductor protection usable up to 690 V

SIRIUS

Hybrid switching devices

Soft starter

3RW52

3RW5980-0HS00

3RW5980-0HF00

3RW5980-0CS00

3RW5980-0CP00

3RW5980-0CT00

3RW5980-0CR00 3RW5980-0CE00

3RV2032-4EA10; Type of coordination 1, Iq = 65 kA, CLASS 10

3RV2032-4EA10; Type of coordination 1, Iq = 15 kA, CLASS 10

3RV2032-4VA10; Type of coordination 1, Iq = 65 kA, CLASS 10

3RV2032-4VA10; Type of coordination 1, Iq = 15 kA, CLASS 10

3NA3822-6; Type of coordination 1, Iq = 65 kA

3NA3822-6; Type of coordination 1, Iq = 65 kA

3NE1817-0; Type of coordination 2, Iq = 65 kA

3NE8021-1; Type of coordination 2, Iq = 65 kA

General technical data

starting voltage [%] stopping voltage [%] start-up ramp time of soft starter current limiting value [%] adjustable certificate of suitability

- CE marking
- UL approval
- CSA approval

product component

- HMI-High Feature
- is supported HMI-Standard
- is supported HMI-High Feature

product feature integrated bypass contact system number of controlled phases

trip class

buffering time in the event of power failure

30 ... 100 %

50 %; non-adjustable

0 ... 20 s

130 ... 700 %

Yes

Yes

Yes

No

Yes

Yes

Yes

3

CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2

for main current circuit	100 ms
for control circuit	100 ms
insulation voltage rated value	600 V
degree of pollution	3, acc. to IEC 60947-4-2
impulse voltage rated value	6 kV
blocking voltage of the thyristor maximum	1 600 V
service factor	1
surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation	
between main and auxiliary circuit	600 V
shock resistance	15 g / 11 ms, from 12 g / 11 ms with potential contact lifting
vibration resistance	15 mm to 6 Hz; 2g to 500 Hz
utilization category according to IEC 60947-4-2	AC 53a
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	02/15/2018
product function	V
• ramp-up (soft starting)	Yes
• ramp-down (soft stop)	Yes
Soft Torque adjustable current limitation	Yes
adjustable current limitation pump ramp down	Yes Yes
pump ramp down intrincic dovice protection	Yes
intrinsic device protectionmotor overload protection	Yes; Electronic motor overload protection
evaluation of thermistor motor protection	No
inside-delta circuit	Yes
auto-RESET	Yes
manual RESET	Yes
• remote reset	Yes; By turning off the control supply voltage
communication function	Yes
operating measured value display	Yes; Only in conjunction with special accessories
error logbook	Yes; Only in conjunction with special accessories
via software parameterizable	No
• via software configurable	Yes
 PROFlenergy 	Yes; in connection with the PROFINET Standard communication
	module
firmware update	Yes
removable terminal for control circuit	Yes
• torque control	No
analog output	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature HMI)
Power Electronics	
operational current	
at 40 °C rated value	25 A
at 50 °C rated value	22.3 A
• at 60 °C rated value	19.6 A
operational current at inside-delta circuit	
at 40 °C rated value	43.3 A
 at 50 °C rated value 	39 A
• at 60 °C rated value	33.9 A
operating voltage	
rated value	200 480 V
 at inside-delta circuit rated value 	200 480 V
relative negative tolerance of the operating voltage	-15 %
relative positive tolerance of the operating voltage	10 %
relative negative tolerance of the operating voltage at inside-delta circuit	-15 %
relative positive tolerance of the operating voltage at	10 %
inside-delta circuit	
operating power for 3-phase motors • at 230 V at 40 °C rated value	5.5 kW
at 230 V at 40 C rated value at 230 V at inside-delta circuit at 40 °C rated value	11 kW
at 400 V at 40 °C rated value	11 kW
• at 400 V at inside-delta circuit at 40 °C rated value	18.5 kW
Operating frequency 1 rated value	50 Hz

Operating frequency 2 rated value	60 Hz
relative negative tolerance of the operating frequency	-10 %
relative positive tolerance of the operating frequency	10 %
adjustable motor current	
 at rotary coding switch on switch position 1 	11.5 A
 at rotary coding switch on switch position 2 	12.4 A
 at rotary coding switch on switch position 3 	13.3 A
 at rotary coding switch on switch position 4 	14.2 A
 at rotary coding switch on switch position 5 	15.1 A
 at rotary coding switch on switch position 6 	16 A
 at rotary coding switch on switch position 7 	16.9 A
 at rotary coding switch on switch position 8 	17.8 A
 at rotary coding switch on switch position 9 	18.7 A
 at rotary coding switch on switch position 10 	19.6 A
at rotary coding switch on switch position 11	20.5 A
at rotary coding switch on switch position 12	21.4 A
at rotary coding switch on switch position 13	22.3 A
at rotary coding switch on switch position 14	23.2 A
 at rotary coding switch on switch position 15 at rotary coding switch on switch position 16 	24.1 A 25 A
at rotary coding switch on switch position to minimum	11.5 A
adjustable motor current	11.0 Λ
for inside-delta circuit at rotary coding switch on	19.9 A
 switch position 1 for inside-delta circuit at rotary coding switch on switch position 2 	21.5 A
 for inside-delta circuit at rotary coding switch on switch position 3 	23 A
 for inside-delta circuit at rotary coding switch on switch position 4 	24.6 A
 for inside-delta circuit at rotary coding switch on switch position 5 	26.2 A
 for inside-delta circuit at rotary coding switch on switch position 6 	27.7 A
 for inside-delta circuit at rotary coding switch on switch position 7 	29.3 A
 for inside-delta circuit at rotary coding switch on switch position 8 	30.8 A
 for inside-delta circuit at rotary coding switch on switch position 9 	32.4 A
for inside-delta circuit at rotary coding switch on switch position 10	33.9 A
for inside-delta circuit at rotary coding switch on switch position 11	35.5 A
for inside-delta circuit at rotary coding switch on switch position 12 for inside delta circuit at rotary coding switch on	37.1 A
 for inside-delta circuit at rotary coding switch on switch position 13 for inside-delta circuit at rotary coding switch on 	38.6 A 40.2 A
switch position 14 • for inside-delta circuit at rotary coding switch on	41.7 A
switch position 15 • for inside-delta circuit at rotary coding switch on	43.3 A
switch position 16 • at inside-delta circuit minimum	19.9 A
minimum load [%]	15.9 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	,
• at 40 °C after startup	20 W
at 50 °C after startup	19 W
at 60 °C after startup	18 W
power loss [W] at AC at current limitation 350 %	
 at 40 °C during startup 	376 W
 at 50 °C during startup 	318 W
at 60 °C during startup	278 W
Control circuit/ Control	
type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	

1.50.11	
 at 50 Hz rated value 	24 V
 at 60 Hz rated value 	24 V
relative negative tolerance of the control supply voltage at AC at 50 Hz	-20 %
relative positive tolerance of the control supply voltage at AC at 50 Hz	20 %
relative negative tolerance of the control supply voltage at AC at 60 Hz	-20 %
relative positive tolerance of the control supply voltage at AC at 60 Hz	20 %
control supply voltage frequency	50 60 Hz
relative negative tolerance of the control supply	-10 %
voltage frequency	
relative positive tolerance of the control supply voltage frequency	10 %
control supply voltage	
at DC rated value	24 V
relative negative tolerance of the control supply voltage at DC	-20 %
relative positive tolerance of the control supply voltage at DC	20 %
control supply current in standby mode rated value	160 mA
holding current in bypass operation rated value	360 mA
inrush current peak at application of control supply voltage maximum	3.3 A
duration of inrush current peak at application of control supply voltage	12.1 ms
design of the overvoltage protection	Varistor
design of short-circuit protection for control circuit	4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature
	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is
	not part of scope of supply
Inputs/ Outputs	
number of digital inputs	1
number of digital outputs	3
 not parameterizable 	2
digital output version	2 normally-open contacts (NO) / 1 changeover contact (CO)
number of analog outputs	1
switching capacity current of the relay outputs	
	3 A
• at AC-15 at 250 V rated value	
at AC-15 at 250 V rated valueat DC-13 at 24 V rated value	1 A
• at DC-13 at 24 V rated value	1 A +/- 10° rotation possible and can be tilted forward or backward on
• at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position	1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height	1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm
• at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm
• at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth	1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm
• at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm
 at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards 	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards upwards	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm
 at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards upwards downwards 	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards upwards downwards at the side	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards backwards upwards downwards at the side weight without packaging	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards upwards downwards downwards at the side weight without packaging Connections/ Terminals	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards backwards upwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards backwards upwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection for main current circuit	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards backwards upwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection for main current circuit for control circuit	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards backwards upwards downwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection for main current circuit for control circuit type of connectable conductor cross-sections	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg screw-type terminals spring-loaded terminals 2x (1.0 2.5 mm²), 2x (2.5 10 mm²)
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg screw-type terminals spring-loaded terminals 2x (1.0 2.5 mm²), 2x (2.5 10 mm²) 2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards backwards downwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection for main current circuit for control circuit type of connectable conductor cross-sections for main contacts solid finely stranded with core end processing at AWG cables for main current circuit solid	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg screw-type terminals spring-loaded terminals 2x (1.0 2.5 mm²), 2x (2.5 10 mm²)
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards upwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection for main current circuit for control circuit type of connectable conductor cross-sections for main contacts solid finely stranded with core end processing at AWG cables for main current circuit solid type of connectable conductor cross-sections	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg screw-type terminals spring-loaded terminals 2x (1.0 2.5 mm²), 2x (2.5 10 mm²) 2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²) 2x (16 12), 2x (14 8)
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards backwards downwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection for main current circuit for control circuit type of connectable conductor cross-sections for main contacts solid finely stranded with core end processing at AWG cables for main current circuit solid	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg screw-type terminals spring-loaded terminals 2x (1.0 2.5 mm²), 2x (2.5 10 mm²) 2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)

processing	
at AWG cables for control circuit solid	2x (24 16)
 at AWG cables for control circuit finely stranded with core end processing 	2x (24 16)
wire length	
between soft starter and motor maximum	800 m
at the digital inputs at AC maximum	100 m
at the digital inputs at DC maximum	1 000 m
tightening torque	1 000 111
for main contacts with screw-type terminals	2 2.5 N·m
for main contacts with screw-type terminals for auxiliary and control contacts with screw-type	0.8 1.2 N·m
terminals	0.0 1.2 14 111
tightening torque [lbf·in]	
for main contacts with screw-type terminals	18 22 lbf·in
 for auxiliary and control contacts with screw-type 	7 10.3 lbf·in
terminals	
Ambient conditions	
installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
ambient temperature	
during operation	-25 +60 °C; Please observe derating at temperatures of 40 °C or
	above
during storage and transport	-40 +80 °C
environmental category	
 during operation according to IEC 60721 	3K6 (no ice formation, only occasional condensation), 3C3 (no salt
a during storage according to IEC 60721	mist), 3S2 (sand must not get into the devices), 3M6
 during storage according to IEC 60721 	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
 during transport according to IEC 60721 	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)
EMC emitted interference	acc. to IEC 60947-4-2: Class A
Communication/ Protocol	
communication module is supported	
PROFINET standard	Yes
EtherNet/IP	Yes
Modbus RTU	Yes
	Yes Yes
Modbus RTU	
Modbus RTUModbus TCP	Yes
Modbus RTUModbus TCPPROFIBUSUL/CSA ratings	Yes
Modbus RTUModbus TCPPROFIBUS	Yes
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker	Yes Yes
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number	Yes
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according	Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL	Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at	Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL	Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at	Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-	Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL	Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at	Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL	Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3VA51, max. 70 A or 3VA51, max. 80 A; lq = 5 kA
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL of the fuse	Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; Iq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Siemens type: 3VA51, max. 60 A; Iq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL of the fuse usable for Standard Faults up to 575/600 V	Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3VA51, max. 70 A or 3VA51, max. 80 A; lq = 5 kA
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL of the fuse usable for Standard Faults up to 575/600 V according to UL	Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; Iq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Siemens type: 3VA51, max. 60 A; Iq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Type: Class RK5 / K5, max. 100 A; Iq = 5 kA
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• at 220/230 V at inside-delta circuit at 50 °C rated

 at 460/480 V at inside-delta circuit at 50 °C rated value

contact rating of auxiliary contacts according to UL

10 hp

25 hp

R300-B300

Safety related data

protection class IP on the front according to IEC 60529

touch protection on the front according to IEC 60529 electromagnetic compatibility

IP20

finger-safe, for vertical contact from the front

in accordance with IEC 60947-4-2

Certificates/ approvals

General Product Approval

EMC



Confirmation









Declaration of Conformity

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping

other



Confirmation

Further information

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=3RW5215-3AC04

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RW5215-3AC04}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5215-3AC04

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5215-3AC04&lang=en

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

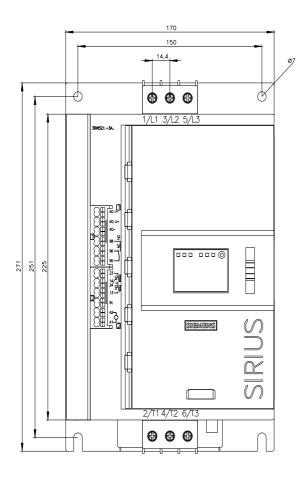
https://support.industry.siemens.com/cs/ww/en/ps/3RW5215-3AC04/char

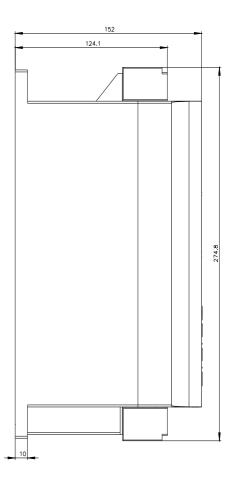
Characteristic: Installation altitude

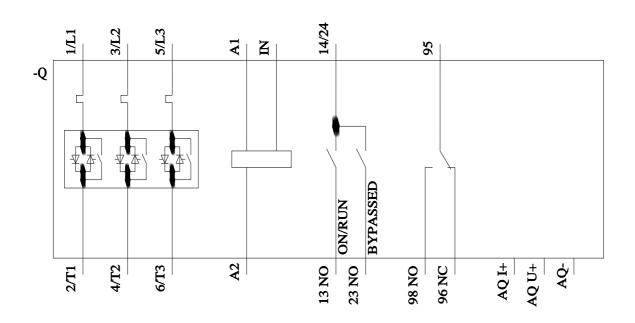
 $\underline{\text{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5215-3AC04\&objecttype=14\&gridview=view1}$

Simulation Tool for Soft Starters (STS)

https://support.industry.siemens.com/cs/ww/en/view/101494917







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