SIEMENS

product brand name

Data sheet 3RW5216-3AC14

SIRIUS



SIRIUS soft starter 200-480 V 32 A, 110-250 V AC spring-type terminals Analog output

product category	Hybrid switching devices
product designation	Soft starter
product type designation	3RW52
manufacturer's article number	
 of standard HMI module usable 	3RW5980-0HS00
 of high feature HMI module usable 	3RW5980-0HF00
 of communication module PROFINET standard usable 	3RW5980-0CS00
 of communication module PROFIBUS usable 	3RW5980-0CP00
 of communication module Modbus TCP usable 	3RW5980-0CT00
 of communication module Modbus RTU usable 	3RW5980-0CR00
 of communication module Ethernet/IP 	3RW5980-0CE00
 of circuit breaker usable at 400 V 	3RV2032-4VA10; Type of coordination 1, lq = 65 kA, CLASS 10
 of circuit breaker usable at 500 V 	3RV2032-4VA10; Type of coordination 1, Iq = 10 kA, CLASS 10
• of circuit breaker usable at 400 V at inside-delta circuit	3RV2032-4JA10; Type of coordination 1, Iq = 65 kA, CLASS 10
• of circuit breaker usable at 500 V at inside-delta circuit	3RV2032-4JA10; Type of coordination 1, Iq = 10 kA, CLASS 10
 of the gG fuse usable up to 690 V 	3NA3824-6; Type of coordination 1, Iq = 65 kA
• of the gG fuse usable at inside-delta circuit up to 500 V	3NA3824-6; Type of coordination 1, Iq = 65 kA
 of full range R fuse link for semiconductor protection usable up to 690 V 	3NE1818-0; Type of coordination 2, Iq = 65 kA
 of back-up R fuse link for semiconductor protection usable up to 690 V 	3NE8022-1; Type of coordination 2, Iq = 65 kA
Seneral technical data	
starting voltage [%]	30 100 %
stopping voltage [%]	50 %; non-adjustable
start-up ramp time of soft starter	0 20 s
current limiting value [%] adjustable	130 700 %
certificate of suitability	
CE marking	Yes
 UL approval 	Yes
CSA approval	Yes
product component	
HMI-High Feature	No
• is supported HMI-Standard	Yes
• is supported HMI-High Feature	Yes
product feature integrated bypass contact system	Yes
number of controlled phases	3
trip class	CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2
buffering time in the event of power failure	
buffering time in the event of power failure • for main current circuit	100 ms

insulation voltage rated value	600 V
degree of pollution	3, acc. to IEC 60947-4-2
impulse voltage rated value	5, acc. to IEC 60947-4-2
blocking voltage of the thyristor maximum	1 600 V
service factor	1
surge voltage resistance rated value	6 kV
maximum permissible voltage for protective separation	UNV
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	
• ramp-up (soft starting)	Yes
• ramp-down (soft stop)	Yes
Soft Torque	Yes
adjustable current limitation	Yes
pump ramp down	Yes
intrinsic device protection	Yes
motor 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	32 A
• at 50 °C rated value	28.4 A
at 50 °C rated valueat 60 °C rated value	
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit	28.4 A 26 A
 at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value 	28.4 A 26 A 55.4 A
 at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value 	28.4 A 26 A 55.4 A 49 A
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value	28.4 A 26 A 55.4 A
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 50 °C rated value operating voltage	28.4 A 26 A 55.4 A 49 A 45 A
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value operating voltage rated value	28.4 A 26 A 55.4 A 49 A 45 A
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value rated value operating voltage rated value at inside-delta circuit rated value	28.4 A 26 A 55.4 A 49 A 45 A 200 480 V 200 480 V
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value operating voltage rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage	28.4 A 26 A 55.4 A 49 A 45 A 200 480 V 200 480 V -15 %
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value operating voltage rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage	28.4 A 26 A 55.4 A 49 A 45 A 200 480 V 200 480 V -15 % 10 %
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value relative negative tolerance of the operating voltage	28.4 A 26 A 55.4 A 49 A 45 A 200 480 V 200 480 V -15 %
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value operating voltage rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage	28.4 A 26 A 55.4 A 49 A 45 A 200 480 V 200 480 V -15 % 10 %
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value operating voltage rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit	28.4 A 26 A 55.4 A 49 A 45 A 200 480 V 200 480 V -15 % 10 % -15 %
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value operating voltage rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit	28.4 A 26 A 55.4 A 49 A 45 A 200 480 V 200 480 V -15 % 10 % -15 %
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value relative value at inside-delta circuit rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit	28.4 A 26 A 55.4 A 49 A 45 A 200 480 V 200 480 V -15 % 10 % -15 %
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value operating voltage rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit operating power for 3-phase motors at 230 V at 40 °C rated value	28.4 A 26 A 55.4 A 49 A 45 A 200 480 V 200 480 V -15 % 10 % -15 % 10 %
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value operating voltage rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit operating power for 3-phase motors at 230 V at 40 °C rated value at 230 V at inside-delta circuit at 40 °C rated value	28.4 A 26 A 55.4 A 49 A 45 A 200 480 V 200 480 V -15 % 10 % -15 % 10 % 7.5 kW 15 kW
at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 50 °C rated value at 60 °C rated value operating voltage rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit operating power for 3-phase motors at 230 V at 40 °C rated value at 230 V at inside-delta circuit at 40 °C rated value at 400 V at 40 °C rated value	28.4 A 26 A 55.4 A 49 A 45 A 200 480 V 200 480 V -15 % 10 % -15 % 10 % 7.5 kW 15 kW

relative negative tolerance of the operating frequency	-10 % 10 %
relative positive tolerance of the operating frequency	10 %
adjustable motor current	***
at rotary coding switch on switch position 1	14 A
at rotary coding switch on switch position 2	15.2 A
at rotary coding switch on switch position 3	16.4 A
at rotary coding switch on switch position 4	17.6 A
 at rotary coding switch on switch position 5 	18.8 A
• at rotary coding switch on switch position 6	20 A
at rotary coding switch on switch position 7	21.2 A
 at rotary coding switch on switch position 8 	22.4 A
 at rotary coding switch on switch position 9 	23.6 A
 at rotary coding switch on switch position 10 	24.8 A
 at rotary coding switch on switch position 11 	26 A
 at rotary coding switch on switch position 12 	27.2 A
 at rotary coding switch on switch position 13 	28.4 A
 at rotary coding switch on switch position 14 	29.6 A
 at rotary coding switch on switch position 15 	30.8 A
 at rotary coding switch on switch position 16 	32 A
• minimum	14 A
adjustable motor current	
 for inside-delta circuit at rotary coding switch on switch position 1 	24.2 A
 for inside-delta circuit at rotary coding switch on switch position 2 	26.3 A
 for inside-delta circuit at rotary coding switch on switch position 3 	28.4 A
 for inside-delta circuit at rotary coding switch on switch position 4 	30.5 A
 for inside-delta circuit at rotary coding switch on switch position 5 	32.6 A
 for inside-delta circuit at rotary coding switch on switch position 6 	34.6 A
 for inside-delta circuit at rotary coding switch on switch position 7 	36.7 A
 for inside-delta circuit at rotary coding switch on switch position 8 	38.8 A
 for inside-delta circuit at rotary coding switch on switch position 9 	40.9 A
 for inside-delta circuit at rotary coding switch on switch position 10 	43 A
for inside-delta circuit at rotary coding switch on switch position 11	45 A
for inside-delta circuit at rotary coding switch on switch position 12	47.1 A
for inside-delta circuit at rotary coding switch on switch position 13	49.2 A
for inside-delta circuit at rotary coding switch on switch position 14 for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary coding switch as for inside delta circuit at rotary circuit at rotar	51.3 A
for inside-delta circuit at rotary coding switch on switch position 15 for inside delta circuit at rotary coding switch on swi	53.3 A
for inside-delta circuit at rotary coding switch on switch position 16 act inside delta circuit minimum.	55.4 A
at inside-delta circuit minimum minimum load [9/1]	24.2 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	22 W
• at 40 °C after startup	22 W
at 50 °C after startup At 60 °C after startup	21 W
• at 60 °C after startup	20 W
power loss [W] at AC at current limitation 350 %	
at 40 °C during startup	531 W
• at 50 °C during startup	449 W
at 60 °C during startup	395 W
ontrol circuit/ Control	

control supply voltage at AC	
● at 50 Hz	110 250 V
• at 60 Hz	110 250 V
relative negative tolerance of the control supply voltage at AC at 50 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 50 Hz	10 %
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 60 Hz	10 %
control supply voltage frequency	50 60 Hz
relative negative tolerance of the control supply voltage frequency	-10 %
relative positive tolerance of the control supply voltage frequency	10 %
control supply current in standby mode rated value	30 mA
holding current in bypass operation rated value	75 mA
inrush current by closing the bypass contacts maximum	0.17 A
inrush current peak at application of control supply voltage maximum	12.2 A
duration of inrush current peak at application of control supply voltage	2.2 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
	2
• not parameterizable	
digital output version	2 normally-open contacts (NO) / 1 changeover contact (CO)
number of analog outputs	1
switching capacity current of the relay outputs	
at AC-15 at 250 V rated value	3 A
at DC-13 at 24 V rated value	1 A
Installation/ mounting/ dimensions	
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
fastening method	screw fixing
height	275 mm
width	170 mm
depth	
	152 mm
required spacing with side-by-side mounting	152 mm
required spacing with side-by-side mounting • forwards	152 mm
forwardsbackwards	10 mm 0 mm
forwardsbackwardsupwards	10 mm 0 mm 100 mm
forwardsbackwardsupwardsdownwards	10 mm 0 mm 100 mm 75 mm
 forwards backwards upwards downwards at the side 	10 mm 0 mm 100 mm 75 mm 5 mm
 forwards backwards upwards downwards at the side weight without packaging	10 mm 0 mm 100 mm 75 mm
 forwards backwards upwards downwards at the side weight without packaging Connections/ Terminals 	10 mm 0 mm 100 mm 75 mm 5 mm
forwards backwards upwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection	10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg
forwards backwards upwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection for main current circuit	10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg
forwards backwards upwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection for main current circuit for control circuit	10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg
forwards backwards upwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection for main current circuit	10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg
forwards backwards upwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection for main current circuit for control circuit	10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg
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	10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg
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	10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg screw-type terminals spring-loaded terminals
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	10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg screw-type terminals spring-loaded terminals 2x (1.0 2.5 mm²), 2x (2.5 10 mm²)
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	10 mm 0 mm 100 mm 75 mm 5 mm 2.3 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)
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 for AWG cables for main current circuit solid type of connectable conductor cross-sections	10 mm 0 mm 100 mm 75 mm 5 mm 2.3 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)
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 for AWG cables for main current circuit solid type of connectable conductor cross-sections for control circuit solid	10 mm 0 mm 100 mm 75 mm 5 mm 2.3 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) 2x (0.25 1.5 mm²)
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 for AWG cables for main current circuit solid type of connectable conductor cross-sections for control circuit solid for control circuit finely stranded with core end processing	10 mm 0 mm 100 mm 75 mm 5 mm 2.3 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) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²)
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 for AWG cables for main current circuit solid type of connectable conductor cross-sections for control circuit solid	10 mm 0 mm 100 mm 75 mm 5 mm 2.3 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) 2x (0.25 1.5 mm²)

core end processing	
wire length	
between soft starter and motor maximum	800 m
at the digital inputs at AC maximum	100 m
tightening torque	
for main contacts with screw-type terminals	2 2.5 N·m
 for auxiliary and control contacts with screw-type 	0.8 1.2 N·m
terminals	
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	
	F 000 m; Pereting as of 1000 m, assessed
installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
ambient temperature	25 LCO °C. Places cheer a develop at temperatures of 40 °C as above
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 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
Modbus TCP	Yes
• PROFIBUS	Yes
III /CSA rotings	
UL/CSA ratings	
manufacturer's article number	
manufacturer's article number	Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according	Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; Iq max = 65 kA
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL	
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-	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA
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 insidedelta circuit according to UL — usable for High Faults at 460/480 V at inside-delta	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; Iq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA
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 insidedelta circuit according to UL — usable for High Faults at 460/480 V at insidedelta circuit according to UL — usable for Standard Faults at 575/600 V according	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; Iq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA Siemens type: 3VA51, max. 60 A; Iq max = 65 kA
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 insidedelta circuit according to UL — usable for High Faults at 460/480 V at insidedelta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at insidedelta circuit according to UL	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA
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 insidedelta circuit according to UL — usable for High Faults at 460/480 V at insidedelta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at insidedelta circuit according to UL	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; Iq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA Siemens type: 3VA51, max. 60 A; Iq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA
■ 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 insidedelta circuit according to UL ■ usable for High Faults at 460/480 V at insidedelta circuit according to UL ■ usable for High Faults at 460/480 V at insidedelta circuit according to UL ■ usable for Standard Faults at 575/600 V according to UL ■ usable for Standard Faults at 575/600 V at insidedelta circuit according to UL ■ of the fuse ■ usable for Standard Faults up to 575/600 V	Siemens type: 3RV2742, max. 40 A or 3VA51, max. 60 A; Iq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA Siemens type: 3VA51, max. 60 A; Iq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA
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touch protection on the front according to IEC 60529

finger-safe, for vertical contact from the front

electromagnetic compatibility

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

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=3RW5216-3AC14

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5216-3AC14

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5216-3AC14

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5216-3AC14&lang=en

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

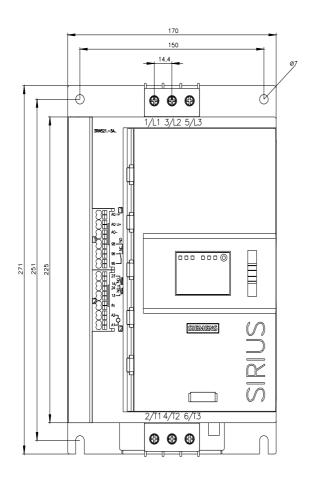
https://support.industry.siemens.com/cs/ww/en/ps/3RW5216-3AC14/char

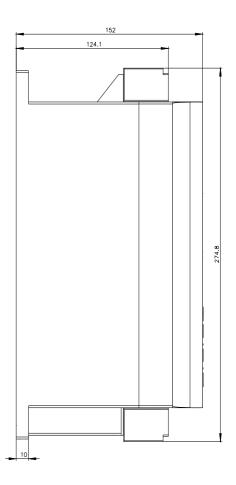
Characteristic: Installation altitude

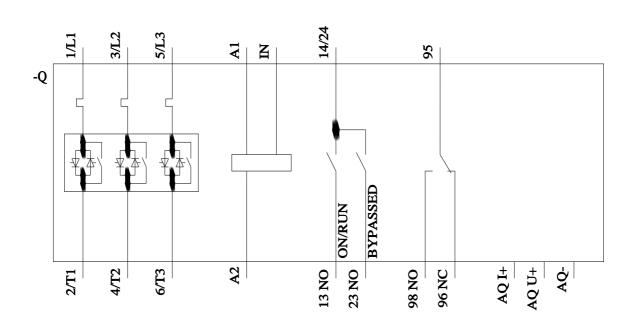
 $\underline{\text{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5216-3AC14\&objecttype=14\&gridview=view1}$

Simulation Tool for Soft Starters (STS)

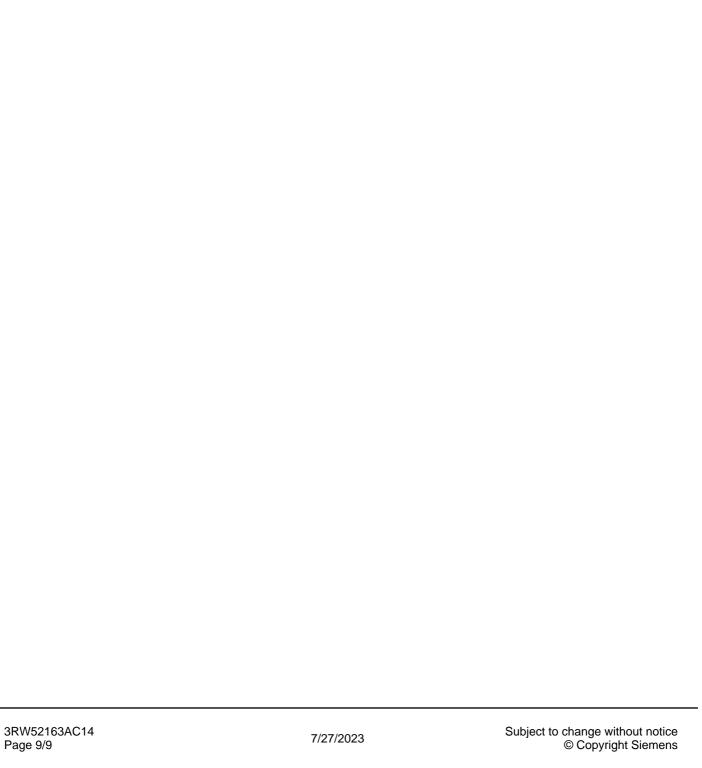
https://support.industry.siemens.com/cs/ww/en/view/101494917







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Siemens:

3RW52163AC14