SIEMENS

product brand name

Data sheet 3RW5244-6TC14

SIRIUS



SIRIUS soft starter 200-480 V 250 A, 110-250 V AC Screw terminals Thermistor input

product brand name	011100
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 	3VA2440-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
 of circuit breaker usable at 500 V 	3VA2440-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
• of circuit breaker usable at 400 V at inside-delta circuit	3VA2450-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
• of circuit breaker usable at 500 V at inside-delta circuit	3VA2450-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
 of the gG fuse usable up to 690 V 	2x3NA3354-6; Type of coordination 1, Iq = 65 kA
• of the gG fuse usable at inside-delta circuit up to 500 V	2x3NA3354-6; Type of coordination 1, Iq = 65 kA
of full range R fuse link for semiconductor protection usable up to 690 V	3NE1331-0; Type of coordination 2, Iq = 65 kA
 of back-up R fuse link for semiconductor protection usable up to 690 V 	3NE3336; Type of coordination 2, Iq = 65 kA
eneral 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 Yes
• is supported HMI-High Feature	Yes
is supported HMI-High Feature product feature integrated bypass contact system	Yes Yes
is supported HMI-High Feature product feature integrated bypass contact system number of controlled phases	Yes Yes 3
is supported HMI-High Feature product feature integrated bypass contact system number of controlled phases trip class	Yes Yes 3

inculation voltage rated value	600 V
insulation voltage rated value 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 protective separation	000.1/
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	Van
• ramp-up (soft starting)	Yes
• ramp-down (soft stop)	Yes
Soft Torque adjustable current limitation	Yes
adjustable current limitation	Yes
pump ramp down intringia doving protection	Yes
intrinsic device protection	Yes
motor overload protection	Yes; Full motor protection (thermistor motor protection and electronic motor overload protection)
 evaluation of thermistor motor protection 	Yes; Type A PTC or Klixon / Thermoclick
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	No
Power Electronics	
operational current	
at 40 °C rated value	250 A
at 50 °C rated value	220 A
at 60 °C rated value	200 A
operational current at inside-delta circuit	
at 40 °C rated value	433 A
at 50 °C rated value	381 A
at 60 °C rated value	346 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 positive tolerance of the operating voltage relative negative tolerance of the operating voltage at	10 %
relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at	10 % -15 %
relative positive 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	10 % -15 %
relative positive 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 operating power for 3-phase motors	10 % -15 % 10 %
relative positive 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 operating power for 3-phase motors • at 230 V at 40 °C rated value	10 % -15 % 10 %
relative positive 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 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	10 % -15 % 10 % 75 kW 132 kW
relative positive 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 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	10 % -15 % 10 % 75 kW 132 kW

relative negative tolerance of the operating frequency	10 %
relative positive tolerance of the operating frequency	10 70
adjustable motor current	400 A
at rotary coding switch on switch position 1	100 A
at rotary coding switch on switch position 2	110 A
at rotary coding switch on switch position 3	120 A
 at rotary coding switch on switch position 4 	130 A
 at rotary coding switch on switch position 5 	140 A
 at rotary coding switch on switch position 6 	150 A
 at rotary coding switch on switch position 7 	160 A
 at rotary coding switch on switch position 8 	170 A
 at rotary coding switch on switch position 9 	180 A
 at rotary coding switch on switch position 10 	190 A
 at rotary coding switch on switch position 11 	200 A
 at rotary coding switch on switch position 12 	210 A
 at rotary coding switch on switch position 13 	220 A
 at rotary coding switch on switch position 14 	230 A
 at rotary coding switch on switch position 15 	240 A
 at rotary coding switch on switch position 16 	250 A
minimum	100 A
djustable motor current	
 for inside-delta circuit at rotary coding switch on switch position 1 	173 A
 for inside-delta circuit at rotary coding switch on switch position 2 	191 A
 for inside-delta circuit at rotary coding switch on switch position 3 	208 A
 for inside-delta circuit at rotary coding switch on switch position 4 	225 A
 for inside-delta circuit at rotary coding switch on switch position 5 	242 A
for inside-delta circuit at rotary coding switch on switch position 6	260 A
for inside-delta circuit at rotary coding switch on switch position 7 for inside delta circuit at rotary coding switch on switch position 7	277 A
 for inside-delta circuit at rotary coding switch on switch position 8 for inside-delta circuit at rotary coding switch on switch 	294 A 312 A
position 9 • for inside-delta circuit at rotary coding switch on switch	312 A 329 A
position 10 • for inside-delta circuit at rotary coding switch on switch	346 A
position 11 • for inside-delta circuit at rotary coding switch on switch	364 A
position 12 • for inside-delta circuit at rotary coding switch on switch	381 A
position 13for inside-delta circuit at rotary coding switch on switch	398 A
 position 14 for inside-delta circuit at rotary coding switch on switch 	416 A
 position 15 for inside-delta circuit at rotary coding switch on switch position 16 	433 A
at inside-delta circuit minimum	173 A
ninimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	07.14
at 40 °C after startup	87 W
at 50 °C after startup	78 W
at 60 °C after startup	72 W
power loss [W] at AC at current limitation 350 %	
 at 40 °C during startup 	3 818 W
 at 50 °C during startup 	3 188 W
at 60 °C during startup	2 799 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	100 mA
inrush current by closing the bypass contacts maximum	2.2 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	0
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
	, 22.0 tilidadio to the membrana saok
fastening method	screw fixing
fastening method	screw fixing
fastening method height	screw fixing 393 mm
fastening method height width	screw fixing 393 mm 210 mm
fastening method height width depth	screw fixing 393 mm 210 mm
fastening method height width depth required spacing with side-by-side mounting	screw fixing 393 mm 210 mm 203 mm
fastening method height width depth required spacing with side-by-side mounting • forwards • backwards	screw fixing 393 mm 210 mm 203 mm
fastening method height width depth required spacing with side-by-side mounting	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm
fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm
fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm
fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm
fastening method height width depth required spacing with side-by-side mounting	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm
fastening method height width depth required spacing with side-by-side mounting	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg
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	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg
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	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg
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 width of connection bar maximum	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg
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	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg
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 width of connection bar maximum	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg
fastening method height width depth required spacing with side-by-side mounting	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg busbar connection screw-type terminals 45 mm
fastening method height width depth required spacing with side-by-side mounting	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg busbar connection screw-type terminals 45 mm 50 m
fastening method height width depth required spacing with side-by-side mounting	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg busbar connection screw-type terminals 45 mm 50 m 150 m
fastening method height width depth required spacing with side-by-side mounting	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg busbar connection screw-type terminals 45 mm 50 m 150 m 250 m
fastening method height width depth required spacing with side-by-side mounting	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg busbar connection screw-type terminals 45 mm 50 m 150 m 250 m
fastening method height width depth required spacing with side-by-side mounting	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg busbar connection screw-type terminals 45 mm 50 m 150 m 250 m
fastening method height width depth required spacing with side-by-side mounting	screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg busbar connection screw-type terminals 45 mm 50 m 150 m 250 m

	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
 for control circuit finely stranded with core end processing 	
for AWG cables for control circuit solid	1x (20 12), 2x (20 14)
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	14 24 N·m
 for auxiliary and control contacts with screw-type terminals 	0.8 1.2 N·m
tightening torque [lbf·in]	
for main contacts with screw-type terminals	124 210 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 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	V
	Yes
Modbus RTU	Yes
Modbus RTU	Yes
Modbus RTUModbus TCP	Yes Yes
Modbus RTUModbus TCPPROFIBUS	Yes Yes
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings	Yes Yes
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number	Yes 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	Yes Yes Yes
Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker	Yes Yes Yes Yes Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 18 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-	Yes Yes Yes Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq 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 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	Yes Yes Yes Yes Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq = 18 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 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 inside-	Yes Yes Yes Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq 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 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	Yes Yes Yes Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq 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 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	Yes Yes Yes Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq 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 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 according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to	Yes Yes Yes Yes Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq = 18 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 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 according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up	Yes Yes Yes Yes Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA
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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 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 softhe fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL	Yes Yes Yes Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Type: Class J / L, max. 800 A; Iq = 100 kA Type: Class J / L, max. 800 A; Iq = 18 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 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 according to UL usable for Standard Faults up to 575/600 V according to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors	Yes Yes Yes Yes Yes Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Type: Class J / L, max. 800 A; Iq = 18 kA Type: Class J / L, max. 800 A; Iq = 100 kA Type: Class J / L, max. 800 A; Iq = 18 kA Type: Class J / L, max. 800 A; Iq = 100 kA
Modbus RTU Modbus TCP PROFIBUS DL/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 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 softhe fuse usable for Standard Faults up to 575/600 V according to UL usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value	Yes Yes Yes Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Type: Class J / L, max. 800 A; Iq = 100 kA Type: Class J / L, max. 800 A; Iq = 18 kA
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protection class IP on the front according to IEC 60529

touch protection on the front according to IEC 60529

finger-safe, for vertical contact from the front with cover

in accordance with IEC 60947-4-2

IP00; IP20 with cover

Certificates/ approvals

General Product Approval

electromagnetic compatibility

EMC



Confirmation









Declaration of Conformity

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping



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)

iemens.com/mall/en/en/Catalog/product?mlfb=3RW5244-6TC14

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5244-6TC14

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5244-6TC14

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

Characteristic: Tripping characteristics, I2t, Let-through current

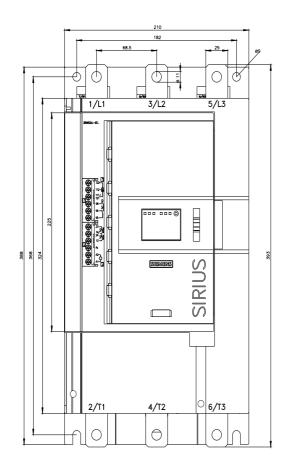
https://support.industry.siemens.com/cs/ww/en/ps/3RW5244-6TC14/char

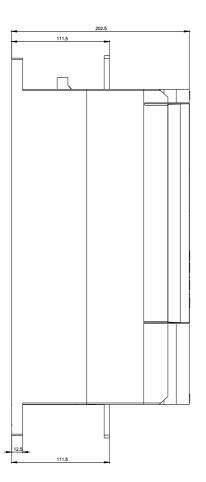
Characteristic: Installation altitude

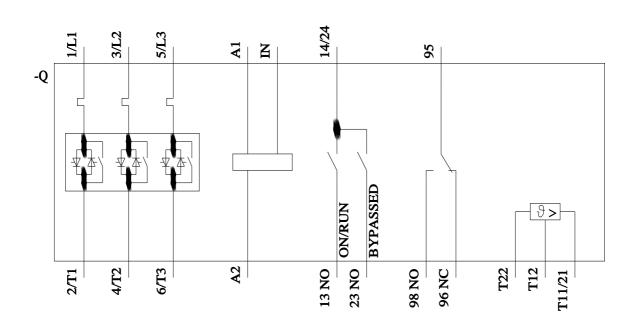
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5244-6TC14&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

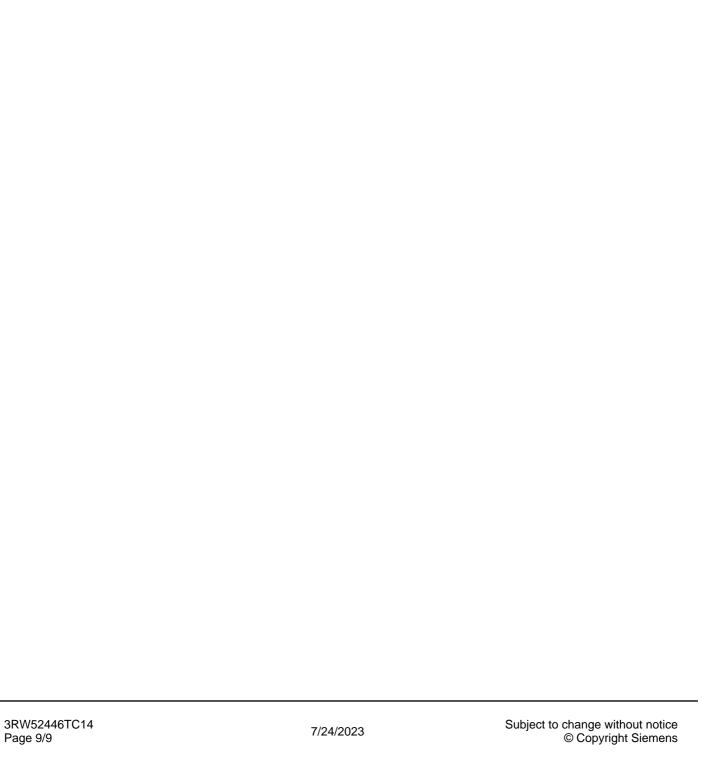
https://support.industry.siemens.com/cs/ww/en/view/101494917







last modified: 1/14/2023 🖸



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Authorized Distributor

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Siemens:

3RW52446TC14