## **SIEMENS**

product brand name

Data sheet 3RW5247-2AC05

SIRIUS



SIRIUS soft starter 200-600 V 470 A, 24 V AC/DC spring-type terminals Analog output

product category	Hybrid switching devices
product designation	Soft starter
product type designation	3RW52
manufacturer's article number	
<ul> <li>of standard HMI module usable</li> </ul>	3RW5980-0HS00
<ul> <li>of high feature HMI module usable</li> </ul>	3RW5980-0HF00
<ul> <li>of communication module PROFINET standard usable</li> </ul>	3RW5980-0CS00
<ul> <li>of communication module PROFIBUS usable</li> </ul>	3RW5980-0CP00
<ul> <li>of communication module Modbus TCP usable</li> </ul>	3RW5980-0CT00
<ul> <li>of communication module Modbus RTU usable</li> </ul>	3RW5980-0CR00
<ul> <li>of communication module Ethernet/IP</li> </ul>	3RW5980-0CE00
<ul> <li>of circuit breaker usable at 400 V</li> </ul>	3VA2450-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3VA2450-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of circuit breaker usable at 400 V at inside-delta circuit</li> </ul>	3VA2510-6HN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
• of circuit breaker usable at 500 V at inside-delta circuit	3VA2510-6HN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	2x3NA3365-6; Type of coordination 1, Iq = 65 kA
• of the gG fuse usable at inside-delta circuit up to 500 V	2x3NA3365-6; Type of coordination 1, Iq = 65 kA
<ul> <li>of full range R fuse link for semiconductor protection usable up to 690 V</li> </ul>	3NE1436-2; Type of coordination 2, Iq = 65 kA
<ul> <li>of back-up R fuse link for semiconductor protection usable up to 690 V</li> </ul>	3NE3340-8; 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
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	
<ul> <li>for main current circuit</li> </ul>	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
	6 KV
surge voltage resistance rated value maximum permissible voltage for protective separation	ONV
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	02/13/2010
• ramp-up (soft starting)	Yes
• ramp-down (soft stop)	Yes
Soft Torque	Yes
adjustable current limitation	Yes
	Yes
<ul><li>pump ramp down</li><li>intrinsic device protection</li></ul>	Yes
motor overload protection	Yes; Electronic motor overload protection
·	
evaluation of thermistor motor protection     inside-delta circuit	No Yes
Inside-deita circuit     auto-RESET	Yes
• manual RESET	Yes
• remote reset	
communication function	Yes; By turning off the control supply voltage 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 parameterizable     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	165, 4 20 IIIA (deladit) / 0 10 V (parameterizable with High Feature Hivil)
operational current	
at 40 °C rated value	470 A
at 50 °C rated value	416 A
• at 60 °C rated value	380 A
operational current at inside-delta circuit	
at 40 °C rated value	814 A
at 50 °C rated value	721 A
at 60 °C rated value	658 A
operating voltage	
• rated value	200 600 V
at inside-delta circuit rated value	200 600 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	-15 %
relative negative tolerance of the operating voltage at inside-delta circuit	-15 %
	-15 % 10 %
inside-delta circuit relative positive tolerance of the operating voltage at	
inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit	
inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit operating power for 3-phase motors	10 %
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 % 132 kW
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 % 132 kW 250 kW
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 %  132 kW 250 kW 250 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	
<ul> <li>at rotary coding switch on switch position 1</li> </ul>	200 A
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	218 A
<ul> <li>at rotary coding switch on switch position 3</li> </ul>	236 A
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	254 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	272 A
at rotary coding switch on switch position 6	290 A
at rotary coding switch on switch position 7	308 A
at rotary coding switch on switch position 8	326 A
at rotary coding switch on switch position 9	344 A
at rotary coding switch on switch position 10	362 A
at rotary coding switch on switch position 11	380 A
	398 A
at rotary coding switch on switch position 12     at rotary coding switch on switch position 13	416 A
at rotary coding switch on switch position 13     at rotary coding switch on switch position 14	
at rotary coding switch on switch position 14     at rotary coding switch on switch position 15	434 A
at rotary coding switch on switch position 15     at rotary coding switch on switch position 16	452 A
at rotary coding switch on switch position 16	470 A
• minimum	200 A
<ul> <li>adjustable motor current</li> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> </ul>	346 A
for inside-delta circuit at rotary coding switch on switch position 2	378 A
for inside-delta circuit at rotary coding switch on switch position 3	409 A
for inside-delta circuit at rotary coding switch on switch position 4	440 A
• for inside-delta circuit at rotary coding switch on switch position 5	471 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> </ul>	502 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> </ul>	533 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 8</li> </ul>	565 A
for inside-delta circuit at rotary coding switch on switch position 9	596 A
for inside-delta circuit at rotary coding switch on switch position 10     for inside delta circuit at rotary coding switch on switch	627 A 658 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 11</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	689 A
position 12  • for inside-delta circuit at rotary coding switch on switch	721 A
position 13 • for inside-delta circuit at rotary coding switch on switch	752 A
position 14 • for inside-delta circuit at rotary coding switch on switch	783 A
<ul> <li>position 15</li> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> </ul>	814 A
at inside-delta circuit minimum	346 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	
• at 40 °C after startup	153 W
• at 50 °C after startup	137 W
at 60 °C after startup	126 W
power loss [W] at AC at current limitation 350 %	
• at 40 °C during startup	7 903 W
• at 50 °C during startup	6 604 W
at 60 °C during startup	5 794 W



Control circuit/ Control	
	AC/DC
type of voltage of the control supply voltage	AUIDO
control supply voltage at AC	04.14
• 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 voltage frequency	-10 %
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	470 mA
inrush current by closing the bypass contacts maximum	7.6 A
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	•
at AC-15 at 250 V rated value	3 A
at AC-13 at 250 V rated value      at DC-13 at 24 V rated value	1 A
	10
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	393 mm
width	210 mm
depth	203 mm
required spacing with side-by-side mounting	
• forwards	10 mm
• backwards	0 mm
• upwards	100 mm
• downwards	75 mm
at the side	5 mm
weight without packaging	9.9 kg
Connections/ Terminals	
type of electrical connection	
for main current circuit	busbar connection
for control circuit	spring-loaded terminals
for control circuit  width of connection bar maximum	spring-loaded terminals 45 mm



<ul> <li>for DIN cable lug for main contacts stranded</li> </ul>	2x (50 240 mm²)
for DIN cable lug for main contacts finely stranded	2x (70 240 mm²)
type of connectable conductor cross-sections	
<ul> <li>for control circuit solid</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>for AWG cables for control circuit solid</li> </ul>	2x (24 16)
<ul> <li>for AWG cables for control circuit finely stranded with</li> </ul>	2x (24 16)
core end processing	
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	
<ul> <li>for main contacts with screw-type terminals</li> </ul>	14 24 N·m
<ul> <li>for auxiliary and control contacts with screw-type terminals</li> </ul>	0.8 1.2 N·m
tightening torque [lbf-in]	124 240 lbf in
for main contacts with screw-type terminals	124 210 lbf-in
<ul> <li>for auxiliary and control contacts with screw-type terminals</li> </ul>	7 10.3 lbf·in
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 operation     during storage and transport	-40 +80 °C
environmental category	2K6 (no ico formation, only occasional condensation), 2C2 (no call mist), 2C2
<ul> <li>during operation according to IEC 60721</li> </ul>	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6
<ul> <li>during storage according to IEC 60721</li> </ul>	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/ Protocol communication module is supported	
	Yes
communication module is supported	Yes Yes
communication module is supported  • PROFINET standard	
communication module is supported  • PROFINET standard  • EtherNet/IP	Yes
communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU	Yes Yes
communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP	Yes Yes Yes
communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS	Yes Yes Yes
communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings	Yes Yes Yes
communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number	Yes Yes Yes
communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number  • of the fuse  — usable for Standard Faults up to 575/600 V	Yes Yes Yes Yes Yes
communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus TCP  PROFIBUS  UL/CSA ratings  manufacturer's article number  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	Yes Yes Yes Yes Yes Type: Class J / L, max. 1600 A; lq = 30 kA
communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus TCP  PROFIBUS  UL/CSA ratings  manufacturer's article number  of the fuse  usable for Standard 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 Standard 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  usable for High Faults at inside-delta circuit up to	Yes Yes Yes Yes Yes Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA
communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus TCP  PROFIBUS  UL/CSA ratings  manufacturer's article number  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 Standard Faults at inside-delta circuit up to 575/600 V according to UL	Yes Yes Yes Yes Yes  Type: Class J / L, max. 1600 A; Iq = 30 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA  Type: Class J / L, max. 1600 A; Iq = 30 kA
communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus TCP  PROFIBUS  UL/CSA ratings  manufacturer's article number  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 Standard 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  usable for High Faults at inside-delta circuit up to 575/600 V according to UL	Yes Yes Yes Yes Yes  Type: Class J / L, max. 1600 A; Iq = 30 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA  Type: Class J / L, max. 1600 A; Iq = 30 kA
communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus TCP  PROFIBUS  UL/CSA ratings  manufacturer's article number  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 Standard 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  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  Type: Class J / L, max. 1600 A; lq = 30 kA  Type: Class J / L, max. 1200 A; lq = 100 kA  Type: Class J / L, max. 1600 A; lq = 30 kA  Type: Class J / L, max. 1200 A; lq = 100 kA
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communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus TCP PROFIBUS  UL/CSA ratings  manufacturer's article number  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 Standard 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  ousable 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  at 460/480 V at 50 °C rated value	Yes Yes Yes Yes  Type: Class J / L, max. 1600 A; Iq = 30 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA  Type: Class J / L, max. 1600 A; Iq = 30 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA  150 hp 150 hp 350 hp
communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus TCP  PROFIBUS  UL/CSA ratings  manufacturer's article number  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 Standard 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  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  at 220/230 V at 50 °C rated value  at 460/480 V at 50 °C rated value  at 575/600 V at 50 °C rated value	Yes Yes Yes Yes  Type: Class J / L, max. 1600 A; Iq = 30 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA  Type: Class J / L, max. 1600 A; Iq = 30 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA
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communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus TCP PROFIBUS  UL/CSA ratings  manufacturer's article number  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 Standard 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  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  at 220/230 V at 50 °C rated value  at 460/480 V at 50 °C rated value  at 220/230 V at inside-delta circuit at 50 °C rated value  at 220/230 V at inside-delta circuit at 50 °C rated value  at 460/480 V at inside-delta circuit at 50 °C rated value  at 460/480 V at inside-delta circuit at 50 °C rated value  at 575/600 V at inside-delta circuit at 50 °C rated value  at 575/600 V at inside-delta circuit at 50 °C rated value	Yes Yes Yes Yes  Type: Class J / L, max. 1600 A; Iq = 30 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA  Type: Class J / L, max. 1600 A; Iq = 30 kA  Type: Class J / L, max. 1600 A; Iq = 100 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA
communication module is supported  PROFINET standard EtherNet/IP Modbus RTU Modbus TCP PROFIBUS  UL/CSA ratings  manufacturer's article number 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 Standard 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 at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 200/208 V at inside-delta circuit at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value	Yes Yes Yes Yes  Type: Class J / L, max. 1600 A; Iq = 30 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA  Type: Class J / L, max. 1600 A; Iq = 30 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA  150 hp 150 hp 150 hp 250 hp 250 hp 250 hp 600 hp 800 hp
communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus TCP PROFIBUS  UL/CSA ratings  manufacturer's article number  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 Standard 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  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  at 460/480 V at 50 °C rated value  at 220/230 V at 50 °C rated value  at 220/230 V at inside-delta circuit at 50 °C rated value  at 220/230 V at inside-delta circuit at 50 °C rated value  at 460/480 V at inside-delta circuit at 50 °C rated value  at 460/480 V at inside-delta circuit at 50 °C rated value  at 460/480 V at inside-delta circuit at 50 °C rated value  at 4575/600 V at inside-delta circuit at 50 °C rated value  at 575/600 V at inside-delta circuit at 50 °C rated value	Yes Yes Yes Yes Yes  Type: Class J / L, max. 1600 A; Iq = 30 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA  Type: Class J / L, max. 1600 A; Iq = 30 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA  Type: Class J / L, max. 1200 A; Iq = 100 kA  150 hp 150 hp 150 hp 250 hp 250 hp 250 hp 600 hp 800 hp
communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus TCP PROFIBUS  UL/CSA ratings  manufacturer's article number  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 Standard 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  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  at 220/230 V at 50 °C rated value  at 460/480 V at 50 °C rated value  at 220/230 V at inside-delta circuit at 50 °C rated value  at 220/230 V at inside-delta circuit at 50 °C rated value  at 460/480 V at inside-delta circuit at 50 °C rated value  at 460/480 V at inside-delta circuit at 50 °C rated value  at 460/480 V at inside-delta circuit at 50 °C rated value  at 575/600 V at inside-delta circuit at 50 °C rated value  at 575/600 V at inside-delta circuit at 50 °C rated value  at 575/600 V at inside-delta circuit at 50 °C rated value	Yes Yes Yes Yes Yes  Type: Class J / L, max. 1600 A; lq = 30 kA  Type: Class J / L, max. 1200 A; lq = 100 kA  Type: Class J / L, max. 1600 A; lq = 30 kA  Type: Class J / L, max. 1200 A; lq = 100 kA  Type: Class J / L, max. 1200 A; lq = 100 kA  150 hp 150 hp 150 hp 250 hp 250 hp 250 hp 600 hp 800 hp R300-B300



## 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=3RW5247-2AC05

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RW5247-2AC05}}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5247-2AC05

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5247-2AC05&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

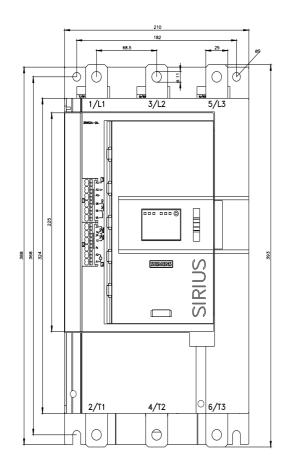
https://support.industry.siemens.com/cs/ww/en/ps/3RW5247-2AC05/char

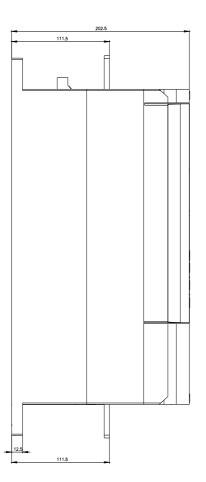
Characteristic: Installation altitude

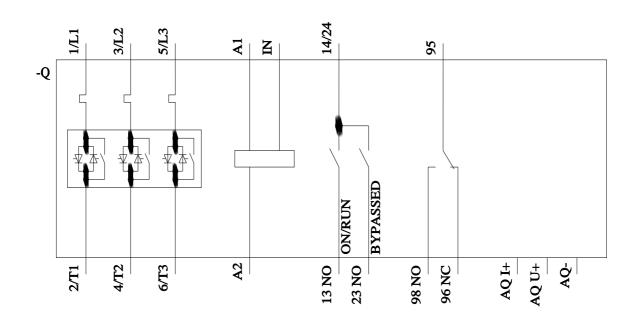
 $\underline{\text{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5247-2AC05\&objecttype=14\&gridview=view1}$ 

Simulation Tool for Soft Starters (STS)

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







8/24/2023



