SIEMENS

Data sheet

3RW5234-2AC05



SIRIUS soft starter 200-600 V 113 A, 24 V AC/DC spring-type terminals Analog output

product brand name	SIRIUS
product category	Hybrid switching devices
product designation	Soft starter
product type designation	3RW52
manufacturer's article number	
 of standard HMI module usable 	<u>3RW5980-0HS00</u>
 of high feature HMI module usable 	<u>3RW5980-0HF00</u>
 of communication module PROFINET standard usable 	<u>3RW5980-0CS00</u>
 of communication module PROFIBUS usable 	<u>3RW5980-0CP00</u>
 of communication module Modbus TCP usable 	<u>3RW5980-0CT00</u>
 of communication module Modbus RTU usable 	<u>3RW5980-0CR00</u>
 of communication module Ethernet/IP 	<u>3RW5980-0CE00</u>
 of circuit breaker usable at 400 V 	3VA2216-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
 of circuit breaker usable at 400 V at inside-delta circuit 	3VA2220-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
 of the gG fuse usable up to 690 V 	3NA3244-6; Type of coordination 1, Iq = 65 kA
 of the gG fuse usable at inside-delta circuit up to 500 V 	3NA3244-6; Type of coordination 1, Iq = 65 kA
 of full range R fuse link for semiconductor protection usable up to 690 V 	<u>3NE1225-0; Type of coordination 2, Iq = 65 kA</u>
 of back-up R fuse link for semiconductor protection usable up to 690 V 	<u>3NE3332-0B; Type of coordination 2, Iq = 65 kA</u>
General 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
-	Yes Yes
• CE marking	
CE marking UL approval	Yes
 CE marking UL approval CSA approval 	Yes
CE marking UL approval CSA approval product component	Yes Yes
CE marking UL approval CSA approval product component HMI-High Feature	Yes Yes No
CE marking UL approval CSA approval product component HMI-High Feature is supported HMI-Standard	Yes Yes No Yes
CE marking UL approval CSA approval product component HMI-High Feature is supported HMI-Standard is supported HMI-High Feature	Yes Yes No Yes Yes
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	Yes Yes Yes Yes Yes
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	Yes Yes Yes Yes Yes 3
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	Yes Yes Yes Yes Yes 3
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	Yes Yes Yes Yes Yes 3 CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2
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 for main current circuit	Yes Yes No Yes Yes Yes 3 CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2

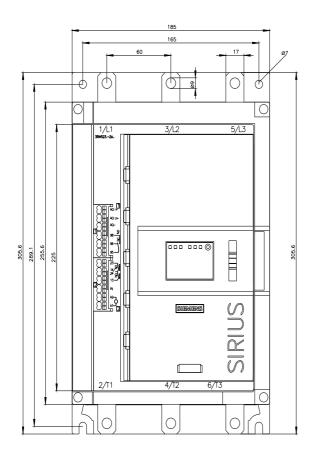
impulse veltage rated value	6 k)/
impulse voltage rated value	6 kV
blocking voltage of the thyristor maximum	1 800 V
service factor	1
surge voltage resistance rated value	6 kV
maximum permissible voltage for protective separation	
between main and auxiliary circuit	600 V
shock resistance	15 g / 11 ms, 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 	113 A
 at 50 °C rated value 	101 A
• at 60 °C rated value	89 A
operational current at inside-delta circuit	
• at 40 °C rated value	196 A
• at 50 °C rated value	175 A
• at 60 °C rated value	154 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 inside-delta circuit	-15 %
relative positive tolerance of the operating voltage at inside-delta circuit	10 %
operating power for 3-phase motors	
• at 230 V at 40 °C rated value	30 kW
• at 230 V at inside-delta circuit at 40 °C rated value	55 kW
• at 400 V at 40 °C rated value	55 kW
• at 400 V at inside-delta circuit at 40 °C rated value	110 kW
 at 500 V at 40 °C rated value 	75 kW
 at 500 V at 40 °C rated value at 500 V at inside-delta circuit at 40 °C rated value 	75 KW 132 KW
• at 500 V at inside-delta circuit at 40 °C rated value	132 kW

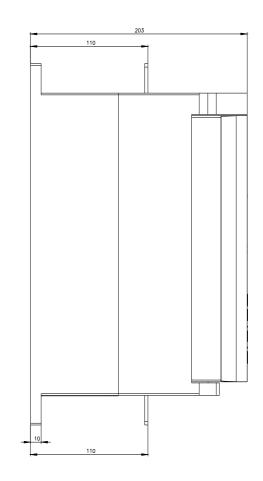
relative negative tolerance of the operating frequency	-10 %
relative positive tolerance of the operating frequency	10 %
adjustable motor current	
 at rotary coding switch on switch position 1 	53 A
 at rotary coding switch on switch position 2 	57 A
 at rotary coding switch on switch position 3 	61 A
 at rotary coding switch on switch position 4 	65 A
 at rotary coding switch on switch position 5 	69 A
 at rotary coding switch on switch position 6 	73 A
 at rotary coding switch on switch position 7 	77 A
 at rotary coding switch on switch position 8 	81 A
 at rotary coding switch on switch position 9 	85 A
 at rotary coding switch on switch position 10 	89 A
 at rotary coding switch on switch position 11 	93 A
 at rotary coding switch on switch position 12 	97 A
 at rotary coding switch on switch position 13 	101 A
 at rotary coding switch on switch position 14 	105 A
 at rotary coding switch on switch position 15 	109 A
 at rotary coding switch on switch position 16 	113 A
• minimum	53 A
adjustable motor current	
 for inside-delta circuit at rotary coding switch on switch position 1 	91.8 A
 for inside-delta circuit at rotary coding switch on switch position 2 	98.7 A
• for inside-delta circuit at rotary coding switch on switch position 3	106 A
 for inside-delta circuit at rotary coding switch on switch position 4 	113 A
 for inside-delta circuit at rotary coding switch on switch position 5 for inside delta circuit at rotary coding switch on switch 	120 A 126 A
 for inside-delta circuit at rotary coding switch on switch position 6 for inside-delta circuit at rotary coding switch on switch 	133 A
 of a inside delta circuit at rotary coding switch on switch of a inside-delta circuit at rotary coding switch on switch 	140 A
position 8 • for inside-delta circuit at rotary coding switch on switch	147 A
position 9 • for inside-delta circuit at rotary coding switch on switch	154 A
position 10for inside-delta circuit at rotary coding switch on switch	161 A
position 11for inside-delta circuit at rotary coding switch on switch	168 A
 position 12 for inside-delta circuit at rotary coding switch on switch 	175 A
 position 13 for inside-delta circuit at rotary coding switch on switch position 14 	182 A
 for inside-delta circuit at rotary coding switch on switch position 15 	189 A
 for inside-delta circuit at rotary coding switch on switch position 16 	196 A
at inside-delta circuit minimum	91.8 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	46 W
• at 50 °C after startup	42 W
● at 60 °C after startup	39 W
power loss [W] at AC at current limitation 350 %	
• at 40 °C during startup	1 512 W
• at 50 °C during startup	1 291 W
• at 60 °C during startup	1 086 W
Control circuit/ Control	
type of voltage of the control supply voltage	AC/DC

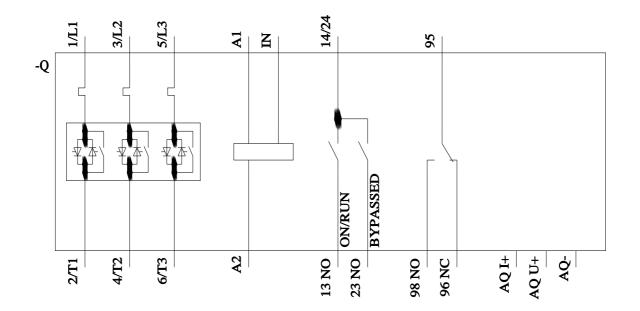
control supply voltage at AC	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
relative negative tolerance of the control supply voltage at AC at 50 Hz	-20 %
relative positive tolerance of the control supply voltage at AC at 50 Hz	20 %
relative negative tolerance of the control supply voltage 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	380 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	
inputs/ Outputs	
number of digital inputs	1
	1 3
number of digital inputs	3 2
number of digital inputs number of digital outputs • not parameterizable digital output version	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO)
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs	3 2
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 75 mm
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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 • at the side	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 5 mm
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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 • at the side weight without packaging	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 75 mm
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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 • at the side weight without packaging Connections/ Terminals	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 5 mm
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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 • at the side weight without packaging Connections/ Terminals type of electrical connection	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 10 mm 10 mm 5 mm 6.6 kg
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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 • at the side weight without packaging Connections/ Terminals	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 10 mm 100 mm 75 mm 5 mm 6.6 kg
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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 • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 10 mm 10 mm 5 mm 6.6 kg
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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 control circuit	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 6.6 kg busbar connection spring-loaded terminals
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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 control circuit • for control circuit	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm 6.6 kg busbar connection spring-loaded terminals
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • 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 • at the side weight without packaging Connections/ Terminals type of electrical connection • for control circuit width of connection bar maximum type of connectable conductor cross-sections	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 10 mm 0 mm 10 mm 5 mm 6.6 kg busbar connection spring-loaded terminals 25 mm

type of connectable conductor cross-sections	
for control circuit solid	2x (0.25 1.5 mm ²)
for control circuit finely stranded with core end processing	2x (0.25 1.5 mm ²)
for AWG cables for control circuit solid	2x (24 16)
 for 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	
 for main contacts with screw-type terminals 	10 14 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 	89 124 lbf·in
 for auxiliary and control contacts with screw-type terminals 	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 storage and transport	-40 +80 °C
environmental category	
 during operation according to IEC 60721 	$3 \rm K6$ (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
UL/CSA ratings	
manufacturer's article number	
 of circuit breaker 	
 — usable for Standard Faults at 460/480 V according to UL 	Siemens type: 3VA52, max. 250 A; lq = 10 kA
 — usable for High Faults at 460/480 V according to UL 	Siemens type: 3VA52, max. 250 A; lq max = 65 kA
 — usable for Standard Faults at 460/480 V at inside- delta circuit according to UL 	Siemens type: 3VA52, max. 250 A; Iq = 10 kA
 — usable for High Faults at 460/480 V at inside-delta circuit according to UL 	Siemens type: 3VA52, max. 250 A; lq max = 65 kA
 — usable for Standard Faults at 575/600 V according to UL 	Siemens type: 3VA52, max. 250 A; Iq = 10 kA
0	Siemens type: 3VA52, max. 250 A; lq = 10 kA Siemens type: 3VA52, max. 250 A; lq = 10 kA
to UL — usable for Standard Faults at 575/600 V at inside-	
to UL — usable for Standard Faults at 575/600 V at inside- delta circuit according to UL	
 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 	Siemens type: 3VA52, max. 250 A; lq = 10 kA
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 — usable for High Faults up to 575/600 V according to	Siemens type: 3VA52, max. 250 A; lq = 10 kA Type: Class RK5 / K5, max. 350 A; lq = 10 kA
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 — usable for High Faults up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up	Siemens type: 3VA52, max. 250 A; lq = 10 kA Type: Class RK5 / K5, max. 350 A; lq = 10 kA Type: Class J / L, max. 350 A; lq = 100 kA
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 — 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	Siemens type: 3VA52, max. 250 A; lq = 10 kA Type: Class RK5 / K5, max. 350 A; lq = 10 kA Type: Class J / L, max. 350 A; lq = 100 kA Type: Class RK5 / K5, max. 350 A; lq = 10 kA
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 — 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	Siemens type: 3VA52, max. 250 A; lq = 10 kA Type: Class RK5 / K5, max. 350 A; lq = 10 kA Type: Class J / L, max. 350 A; lq = 100 kA Type: Class RK5 / K5, max. 350 A; lq = 10 kA
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 — 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	Siemens type: 3VA52, max. 250 A; lq = 10 kA Type: Class RK5 / K5, max. 350 A; lq = 10 kA Type: Class J / L, max. 350 A; lq = 100 kA Type: Class RK5 / K5, max. 350 A; lq = 10 kA Type: Class J / L, max. 350 A; lq = 100 kA
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 — 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 • at 200/208 V at 50 °C rated value	Siemens type: 3VA52, max. 250 A; lq = 10 kA Type: Class RK5 / K5, max. 350 A; lq = 10 kA Type: Class J / L, max. 350 A; lq = 100 kA Type: Class RK5 / K5, max. 350 A; lq = 10 kA Type: Class J / L, max. 350 A; lq = 100 kA 30 hp

• at 200/208 V at in						
	nside-delta circuit at 50 °	C rated value	50 hp			
 at 220/230 V at it 	nside-delta circuit at 50 °	C rated value	60 hp			
• at 460/480 V at in	nside-delta circuit at 50 °	C rated value	125 hp			
• at 575/600 V at i	nside-delta circuit at 50 °	C rated value	150 hp			
contact rating of auxil	iary contacts according	g to UL	R300-B	300		
afety related data						
protection class IP on	the front according to	IEC 60529	IP00; IF	20 with cover		
touch protection on th	ne front according to IE	C 60529	finger-s	afe, for vertical contact	t from the front with cover	
electromagnetic comp	patibility		in accor	rdance with IEC 60947	-4-2	
ertificates/ approvals						
General Product App	roval					EMC
SP CEM		<u>Confirmation</u>	<u>on</u>	(UL) u	EHC	
Declaration of Confor	mity	Test Certificat	tes	Marine / Shipping		
UK CA	CE EG-Konf.	<u>Type Test Ce</u> ates/Test Re		ABS	BUREAU VERITAS	Lloyd's Register uis
Marine / Shipping	other					
PRS	<u>Confirmation</u>					
Siemens has decided https://press.siemens.c Siemens is working o	to exit the Russian ma om/global/en/pressreleas n the renewal of the cu	se/siemens-wind-d rrent EAC certific	ates.		id to import or offer to sup	ply these products to a
Siemens has decided https://press.siemens.c Siemens is working o Please contact your loc EAC relevant market (o Information on the pa	to exit the Russian ma om/global/en/pressreleas n the renewal of the cu al Siemens office on the ther than the sanctioned ckaging	se/siemens-wind-d rrent EAC certific status of validity o EAEU member st	ates.	certification if you inten	nd to import or offer to sup	ply these products to a
Siemens has decided https://press.siemens.c Siemens is working o Please contact your loc EAC relevant market (o Information on the par https://support.industry. Information- and Dow	to exit the Russian ma om/global/en/pressreleas n the renewal of the cu al Siemens office on the ther than the sanctioned ckaging siemens.com/cs/ww/en/v nloadcenter (Catalogs,	se/siemens-wind-d rrent EAC certific status of validity o EAEU member sta view/109813875	ates.	certification if you inten	Id to import or offer to sup	ply these products to a
Siemens has decided https://press.siemens.c Siemens is working o Please contact your loc EAC relevant market (o Information on the pa https://support.industry. Information- and Dow https://www.siemens.cc	to exit the Russian ma om/global/en/pressreleas n the renewal of the cu al Siemens office on the ther than the sanctioned ckaging siemens.com/cs/ww/en/v nloadcenter (Catalogs, om/ic10	se/siemens-wind-d rrent EAC certific status of validity o EAEU member sta view/109813875	ates.	certification if you inten	nd to import or offer to sup	ply these products to a
Siemens has decided https://press.siemens.cc Siemens is working o Please contact your loc EAC relevant market (o Information on the par https://support.industry. Information- and Dow https://www.siemens.cc Industry Mall (Online of	to exit the Russian ma om/global/en/pressreleas n the renewal of the cu al Siemens office on the ther than the sanctioned ckaging siemens.com/cs/ww/en/n nloadcenter (Catalogs, m/ic10 ordering system)	se/siemens-wind-d rrent EAC certific status of validity o EAEU member st view/109813875 Brochures,)	ates. f the EAC (ates Russia	certification if you inten a or Belarus).	nd to import or offer to sup	ply these products to a
Siemens has decided https://press.siemens.c Siemens is working o Please contact your loc EAC relevant market (o Information on the par https://support.industry. Information- and Dow https://www.siemens.cc Industry Mall (Online of https://mall.industry.sier Cax online generator	to exit the Russian ma om/global/en/pressreleas n the renewal of the cu al Siemens office on the ther than the sanctioned ckaging siemens.com/cs/ww/en/n nloadcenter (Catalogs, m/ic10 ordering system) mens.com/mall/en/en/Ca	se/siemens-wind-d rrent EAC certific status of validity o EAEU member st view/109813875 Brochures,)	ates. If the EAC (ates Russiant ====================================	certification if you inten a or Belarus). <u>4-2AC05</u>		ply these products to a
Siemens has decided https://press.siemens.cc Siemens is working o Please contact your loc EAC relevant market (o Information on the par https://support.industry. Information- and Dow https://www.siemens.cc Industry Mall (Online of https://mall.industry.sier Cax online generator http://support.automatic	to exit the Russian ma om/global/en/pressreleas n the renewal of the cu al Siemens office on the ther than the sanctioned ckaging siemens.com/cs/ww/en/v nloadcenter (Catalogs, m/ic10 ordering system) mens.com/mall/en/en/Ca on.siemens.com/WW/CA	se/siemens-wind-d rrent EAC certific status of validity o EAEU member st view/109813875 Brochures,) atalog/product?mlft Xorder/default.asp	ates. f the EAC (ates Russiant D=3RW523 x?lang=en	certification if you inten a or Belarus). <u>4-2AC05</u>		ply these products to a
Siemens has decided https://press.siemens.c Siemens is working o Please contact your loc EAC relevant market (o Information on the par https://support.industry. Information- and Dow https://www.siemens.cc Industry Mall (Online of https://mall.industry.sie Cax online generator http://support.automatic Service&Support (Mar	to exit the Russian ma om/global/en/pressreleas n the renewal of the cu al Siemens office on the ther than the sanctioned ckaging siemens.com/cs/ww/en/n nloadcenter (Catalogs, m/ic10 ordering system) mens.com/mall/en/en/Ca	se/siemens-wind-d rrent EAC certific status of validity o EAEU member sta view/109813875 Brochures,) atalog/product?mlft Xorder/default.asp uracteristics, FAQ	ates. f the EAC of ates Russia p=3RW523 x?lang=en s,)	certification if you inten a or Belarus). <u>4-2AC05</u>		ply these products to a
Siemens has decided https://press.siemens.cc Siemens is working o Please contact your loc EAC relevant market (o Information on the par https://support.industry. Information- and Dow https://www.siemens.cc Industry Mall (Online of https://mall.industry.sie Cax online generator http://support.automatic Service&Support (Mar https://support.industry. Image database (prod	to exit the Russian ma om/global/en/pressreleas n the renewal of the cu al Siemens office on the ther than the sanctioned ckaging siemens.com/cs/ww/en/v nloadcenter (Catalogs, om/ic10 ordering system) mens.com/mall/en/en/Ca on.siemens.com/WW/CA nuals, Certificates, Cha siemens.com/cs/ww/en/v uct images, 2D dimens	se/siemens-wind-d rrent EAC certific status of validity o EAEU member sta view/109813875 Brochures,) atalog/product?mlft Xorder/default.asp iracteristics, FAQ ps/3RW5234-2AC0 sion drawings, 3D	ates. f the EAC of ates Russian o=3RW523 x?lang=en s,) 05 models, d	certification if you inten a or Belarus). <u>4-2AC05</u> <u>&mlfb=3RW5234-2AC</u> levice circuit diagram	<u>05</u>	ply these products to a
Siemens has decided https://press.siemens.cc Siemens is working o Please contact your loc EAC relevant market (o Information on the par https://support.industry. Information- and Dow https://www.siemens.cc Industry Mall (Online of https://mall.industry.siem Cax online generator http://support.automatic Service&Support (Man https://support.industry. Image database (prod http://www.automation.s	to exit the Russian ma om/global/en/pressreleas n the renewal of the cu al Siemens office on the ther than the sanctioned ckaging siemens.com/cs/ww/en// nloadcenter (Catalogs, ym/ic10 ordering system) mens.com/mall/en/en/Ca nusiemens.com/WW/CA nuals, Certificates, Cha siemens.com/cs/ww/en// uct images, 2D dimens siemens.com/bilddb/cax	se/siemens-wind-d rrent EAC certific status of validity o EAEU member st view/109813875 Brochures,) atalog/product?mlft Xorder/default.asp rracteristics, FAQ ps/3RW5234-2AC0 ion drawings, 3D de.aspx?mlfb=3R	ates. f the EAC of ates Russia 0=3RW523 02 x?lang=en s,) 05 models, d W5234-2A	certification if you inten a or Belarus). <u>4-2AC05</u> <u>&mlfb=3RW5234-2AC</u> levice circuit diagram	<u>05</u>	ply these products to a
Siemens has decided https://press.siemens.cc Siemens is working o Please contact your loc EAC relevant market (o Information on the par https://support.industry. Information- and Dow https://www.siemens.cc Industry Mall (Online of https://mall.industry.sie Cax online generator http://support.automatic Service&Support (Mar https://support.industry. Image database (prod http://www.automation.s	to exit the Russian ma om/global/en/pressreleas n the renewal of the cu al Siemens office on the ther than the sanctioned ckaging siemens.com/cs/ww/en// nloadcenter (Catalogs, om/ic10 ordering system) mens.com/mall/en/en/Ca on.siemens.com/WW/CA nuals, Certificates, Cha siemens.com/cs/ww/en// uct images, 2D dimens siemens.com/bilddb/cax, ng characteristics, I ² t, L	se/siemens-wind-d rrent EAC certific status of validity o EAEU member sta view/109813875 Brochures,) atalog/product?mlft Xorder/default.asp iracteristics, FAQ ps/3RW5234-2ACC ion drawings, 3D de.aspx?mlfb=3R .et-through curren	ates. f the EAC (ates Russiand 0=3RW523 02=3RW523 02=3RW523 02=0 05 05 05 05 05 05 05 05 05 0	certification if you inten a or Belarus). <u>4-2AC05</u> <u>&mlfb=3RW5234-2AC</u> levice circuit diagram	<u>05</u>	ply these products to a
Siemens has decided https://press.siemens.cc Siemens is working o Please contact your loc EAC relevant market (o Information on the par https://support.industry. Information- and Dow https://www.siemens.cc Industry Mall (Online of https://mall.industry.siel Cax online generator Service&Support (Mar https://support.industry. Image database (prod http://www.automation.sc Characteristic: Trippin https://support.industry. Characteristic: Installa	to exit the Russian ma om/global/en/pressreleas n the renewal of the cu al Siemens office on the ther than the sanctioned ckaging siemens.com/cs/ww/en// nloadcenter (Catalogs, om/ic10 ordering system) mens.com/mall/en/en/Ca on.siemens.com/WW/CA nuals, Certificates, Cha siemens.com/cs/ww/en/ uct images, 2D dimens siemens.com/bildb/cax ng characteristics, I ² t, L siemens.com/cs/ww/en// ation altitude	se/siemens-wind-d rrent EAC certific status of validity o EAEU member sta view/109813875 Brochures,) atalog/product?mlft Xorder/default.asp iracteristics, FAQ ps/3RW5234-2ACC ion drawings, 3D de.aspx?mlfb=3R .et-through curren ps/3RW5234-2ACC	ates. f the EAC (ates Russiand ates Russiand a	certification if you inten a or Belarus). <u>4-2AC05</u> &mlfb=3RW5234-2AC levice circuit diagram <u>C05⟨=en</u>	05 ns, EPLAN macros,)	
https://press.siemens.cc Siemens is working of Please contact your loc EAC relevant market (of Information on the pai https://support.industry. Information- and Dow https://www.siemens.cc Industry Mall (Online of https://mall.industry.siel Cax online generator http://support.automatic Service&Support (Mar https://support.industry. Image database (prod http://support.industry. Characteristic: Installa http://support.industry. Characteristic: Installa	to exit the Russian ma om/global/en/pressreleas n the renewal of the cu al Siemens office on the ther than the sanctioned ckaging siemens.com/cs/ww/en// nloadcenter (Catalogs, om/ic10 ordering system) mens.com/mall/en/en/Ca on.siemens.com/WW/CA nuals, Certificates, Cha siemens.com/bilddb/cax ng characteristics, I ² t, L siemens.com/cs/ww/en// ation altitude siemens.com/bilddb/inde	se/siemens-wind-d rrent EAC certific status of validity o EAEU member st view/109813875 Brochures,) atalog/product?mlft Xorder/default.asp rracteristics, FAQ ps/3RW5234-2ACC ion drawings, 3D de.aspx?mlfb=3R .et-through curren ps/3RW5234-2ACC	ates. f the EAC (ates Russiand ates Russiand a	certification if you inten a or Belarus). <u>4-2AC05</u> &mlfb=3RW5234-2AC levice circuit diagram <u>C05⟨=en</u>	<u>05</u>	







1/14/2023 🖸

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens: 3RW52342AC05