SIEMENS

Data sheet

3RW5213-3AC14



SIRIUS soft starter 200-480 V 13 A, 110-250 V AC 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 	3RV2032-4TA10; Type of coordination 1, Iq = 65 kA, CLASS 10			
 of circuit breaker usable at 500 V 	3RV2032-4TA10; Type of coordination 1, Iq = 18 kA, CLASS 10			
 of circuit breaker usable at 400 V at inside-delta circuit 	3RV2032-4DA10; Type of coordination 1, Iq = 65 kA, CLASS 10			
 of circuit breaker usable at 500 V at inside-delta circuit 	<u>3RV2032-4DA10; Type of coordination 1, Iq = 18 kA, CLASS 10</u>			
 of the gG fuse usable up to 690 V 	<u>3NA3820-6; Type of coordination 1, Iq = 65 kA</u>			
\bullet of the gG fuse usable at inside-delta circuit up to 500 V	<u>3NA3820-6; Type of coordination 1, Iq = 65 kA</u>			
 of full range R fuse link for semiconductor protection usable up to 690 V 	<u>3NE1815-0: Type of coordination 2. Iq = 65 kA</u>			
 of back-up R fuse link for semiconductor protection usable up to 690 V 	<u>3NE8017-1; 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			
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			

trin class	CLASS 10A (default) / 10E / 20E: acc. to IEC 60047 4-2				
trip class	CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2				
 buffering time in the event of power failure for main current circuit 	100 ms				
for main current circuit for control circuit					
	100 ms				
insulation voltage rated value	600 V				
degree of pollution	3, acc. to IEC 60947-4-2				
impulse voltage rated value	6 kV				
blocking voltage of the thyristor maximum	1 600 V				
service factor	1				
surge voltage resistance rated value	6 kV				
maximum permissible voltage for safe isolation	200. V				
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	13 A				
• at 50 °C rated value	12 A				
• at 60 °C rated value	11 A				
operational current at inside-delta circuit					
• at 40 °C rated value	22.5 A				
• at 50 °C rated value	19.9 A				
• at 60 °C rated value	18.2 A				
operating voltage					
rated value	200 480 V				
 at inside-delta circuit rated value 	200 480 V				
relative negative tolerance of the operating voltage	-15 %				
relative positive tolerance of the operating voltage	10 %				
relative negative tolerance of the operating voltage at inside-delta circuit	-15 %				
relative positive tolerance of the operating voltage at inside-delta circuit	10 %				
operating power for 3-phase motors					

	0.1111
• at 230 V at 40 °C rated value	3 kW
• at 230 V at inside-delta circuit at 40 °C rated value	5.5 kW
• at 400 V at 40 °C rated value	5.5 kW
at 400 V at inside-delta circuit at 40 °C rated value	11 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 adjustable motor current	10 %
adjustable motor current or at rotary coding switch on switch position 1	5.5 A
 at rotary coding switch on switch position 1 at rotary coding switch on switch position 2 	6 A
 at rotary coding switch on switch position 2 at rotary coding switch on switch position 3 	6.5 A
 at rotary coding switch on switch position 4 	7 A
 at rotary coding switch on switch position 5 	7.5 A
 at rotary coding switch on switch position 6 	8 A
 at rotary coding switch on switch position 7 	8.5 A
 at rotary coding switch on switch position 8 	9 A
 at rotary coding switch on switch position 9 	9.5 A
 at rotary coding switch on switch position 10 	10 A
 at rotary coding switch on switch position 11 	10.5 A
 at rotary coding switch on switch position 12 	11 A
 at rotary coding switch on switch position 13 	11.5 A
 at rotary coding switch on switch position 14 	12 A
at rotary coding switch on switch position 15	12.5 A
 at rotary coding switch on switch position 16 	13 A
• minimum	5.5 A
adjustable motor current	
 for inside-delta circuit at rotary coding switch on switch position 1 	9.5 A
 for inside-delta circuit at rotary coding switch on switch position 2 	10.4 A
 for inside-delta circuit at rotary coding switch on switch position 3 	11.3 A
 for inside-delta circuit at rotary coding switch on switch position 4 	12.1 A
• for inside-delta circuit at rotary coding switch on switch position 5	13 A
• for inside-delta circuit at rotary coding switch on switch position 6	13.9 A
• for inside-delta circuit at rotary coding switch on switch position 7	14.7 A
 for inside-delta circuit at rotary coding switch on switch position 8 	15.6 A
• for inside-delta circuit at rotary coding switch on switch position 9	16.5 A
• for inside-delta circuit at rotary coding switch on switch position 10	17.3 A
 for inside-delta circuit at rotary coding switch on switch position 11 	18.2 A
• for inside-delta circuit at rotary coding switch on switch position 12	19.1 A
• for inside-delta circuit at rotary coding switch on switch position 13	19.9 A
 for inside-delta circuit at rotary coding switch on switch position 14 	20.8 A
 for inside-delta circuit at rotary coding switch on switch position 15 	21.7 A
 for inside-delta circuit at rotary coding switch on switch position 16 	22.5 A
at inside-delta circuit minimum	9.5 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 	16 W
• at 50 °C after startup	15 W
a ou o allei stallup	

at 60 °C after startup	15 W				
power loss [W] at AC at current limitation 350 %					
 at 40 °C during startup 	210 W				
 at 50 °C during startup 	178 W				
• at 60 °C during startup	161 W				
Control circuit/ Control					
type of voltage of the control supply voltage	AC				
control supply voltage at AC					
• at 50 Hz	110 250 V				
• at 60 Hz	110 250 V				
relative negative tolerance of the control supply voltage at AC at 50 Hz	-15 %				
relative positive tolerance of the control supply voltage at AC at 50 Hz	10 %				
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %				
relative positive tolerance of the control supply voltage at AC at 60 Hz	10 %				
control supply voltage frequency	50 60 Hz				
relative negative tolerance of the control supply voltage frequency	-10 %				
relative positive tolerance of the control supply voltage frequency	10 %				
control supply current in standby mode rated value	30 mA				
holding current in bypass operation rated value	75 mA				
locked-rotor current at close of bypass contact maximum	0.17 A				
inrush current peak at application of control supply voltage maximum	12.2 A				
duration of inrush current peak at application of control supply voltage	2.2 ms				
design of the overvoltage protection	Varistor				
design of short-circuit protection for control circuit	4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply				
design of short-circuit protection for control circuit	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is				
Inputs/ Outputs	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is				
	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 number of digital outputs	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 number of digital outputs o not parameterizable	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 number of digital outputs o not parameterizable digital output version	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 number of digital outputs onot parameterizable digital output version number of analog outputs	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO)				
Inputs/ Outputs number of digital inputs number of digital outputs o not parameterizable digital output version	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO)				
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs	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 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A				
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs output	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A				
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs o at AC-15 at 250 V rated value o at DC-13 at 24 V rated value	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A				
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs output	<pre>circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on</pre>				
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs outputs outputs at AC-15 at 250 V rated value outputs at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface				
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs output	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing				
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm				
Inputs/ Outputs 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	 circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 				
Inputs/ Outputs 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	 circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 				
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A */- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm				
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm				
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm				
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm				
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm				
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm				
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm				
Inputs/ Outputs 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 • at the side weight without packaging	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 5 mm 2.1 kg				
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm				

type of connectable conductor cross-sections	
• for main contacts	
— solid	2x (1.0 2.5 mm ²), 2x (2.5 10 mm ²)
— finely stranded with core end processing	2x (1.0 2.5 mm ²), 2x (2.5 6.0 mm ²)
at AWG cables for main current circuit solid	2x (16 12), 2x (14 8)
type of connectable conductor cross-sections • for control circuit solid	2x (0.25 1.5 mm²)
 for control circuit sold for control circuit finely stranded with core end 	2x (0.25 1.5 mm ²)
processing	2. (0.25 1.5 mm)
 at AWG cables for control circuit solid 	2x (24 16)
 at AWG cables for control circuit finely stranded with 	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
tightening torque	0 05Nm
for main contacts with screw-type terminals	2 2.5 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	18 22 lbf·in
• for auxiliary and control contacts with screw-type	7 10.3 lbf·in
terminals	
Ambient conditions	
installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
ambient temperature	
 during operation 	-25 +60 °C; Please observe derating at temperatures of 40 °C or
- during stars as and transmost	above
during storage and transport	-40 +80 °C
 environmental category during operation according to IEC 60721 	3K6 (no ice formation, only occasional condensation), 3C3 (no salt
	mist), 3S2 (sand must not get into the devices), 3M6
 during storage according to IEC 60721 	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must
	not get inside the devices), 1M4
 during transport according to IEC 60721 	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)
EMC emitted interference	acc. to IEC 60947-4-2: Class A
Communication/ Protocol	
communication module is supported	
 PROFINET standard 	Yes
EtherNet/IP	Yes
Modbus RTU	Yes
Modbus TCP	Yes
PROFIBUS	Yes
UL/CSA ratings	
manufacturer's article number	
of circuit breaker	
 — usable for Standard Faults at 460/480 V according to UL 	Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA
 — usable for High Faults at 460/480 V according to UL 	Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 kA
 — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL 	Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA
 — usable for High Faults at 460/480 V at inside- delta circuit according to UL 	Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA
 — usable for Standard Faults at 575/600 V according to UL 	Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA
 — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL 	Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA
of the fuse	
 — usable for Standard Faults up to 575/600 V according to UL 	Type: Class RK5 / K5, max. 50 A; Iq = 5 kA
— usable for High Faults up to 575/600 V according to UL	Type: Class J / L, max. 50 A; lq = 100 kA

— usable for Standard Faults at insid		Туре:	Class RK5 / K5, ma	x. 50 A; lq = 5 kA	
circuit up to 575/600 V according to t — usable for High Faults at inside-de to 575/600 V according to UL		Type: Class J / L, max. 50 A; Iq = 100 kA			
operating power [hp] for 3-phase motors					
• at 200/208 V at 50 °C rated value		2 hp			
 at 220/230 V at 50 °C rated value 		3 hp			
 at 460/480 V at 50 °C rated value 		7.5 hp			
 at 200/208 V at inside-delta circuit at 50 value 	0 °C rated	5 hp			
• at 220/230 V at inside-delta circuit at 50 value	0 °C rated	5 hp			
• at 460/480 V at inside-delta circuit at 50 value	0 °C rated	10 hp			
contact rating of auxiliary contacts accord	ling to UL	R300-	B300		
Safety related data					
protection class IP on the front according 60529	to IEC	IP20			
touch protection on the front according to	IEC 60529	finger-	safe, for vertical cor	tact from the front	
electromagnetic compatibility		in acco	ordance with IEC 60	947-4-2	
Certificates/ approvals					
General Product Approval					EMC
Confirmation CSA)	(h) u	EHC	RCM
Declaration of Conformity	Test Certifica	ates	Marine / Shipping		
,					
Ge-Konf. UK Barine / Shipping	Type Test Ce ates/Test Re other		ABS	B U R E A U VERITAS	Lloyd's Register urs
PRS CONTRACTOR	<u>Confirmation</u>	<u>on</u>			
Further information Information- and Downloadcenter (Catalog https://www.siemens.com/ic10	gs, Brochures,.)	_		
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/ Cax online generator	/Catalog/product	<u>t?mlfb=3</u>	RW5213-3AC14		
http://support.automation.siemens.com/WW/ Service&Support (Manuals, Certificates, C	haracteristics,	FAQs,		5213-3AC14	
https://support.industry.siemens.com/cs/ww/en/ps/3RW5213-3AC14 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5213-3AC14⟨=en					
Characteristic: Tripping characteristics, I ² https://support.industry.siemens.com/cs/ww/e	t, Let-through o	current			
Characteristic: Installation altitude http://www.automation.siemens.com/bilddb/ir	•			.C14&objecttype=14&gri	dview=view1
Simulation Tool for Soft Starters (STS) https://support.industry.siemens.com/cs/ww/e	ndex.aspx?view=	=Search	x11110-3KV3213-3P		
			x11110-3KW3213-3A		