SIEMENS

Data sheet

3RW5214-3TC04



SIRIUS soft starter 200-480 V 18 A, 24 V AC/DC spring-type terminals Thermistor input

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 	3RV2032-4DA10; Type of coordination 1, Iq = 65 kA, CLASS 10		
 of circuit breaker usable at 500 V 	3RV2032-4DA10; Type of coordination 1, Iq = 15 kA, CLASS 10		
 of circuit breaker usable at 400 V at inside-delta circuit 	3RV2032-4EA10; Type of coordination 1, Iq = 65 kA, CLASS 10		
 of circuit breaker usable at 500 V at inside-delta circuit 	3RV2032-4EA10; Type of coordination 1, Iq = 15 kA, CLASS 10		
 of the gG fuse usable up to 690 V 	3NA3820-6; Type of coordination 1, Iq = 65 kA		
 of the gG fuse usable at inside-delta circuit up to 500 V 	3NA3820-6; Type of coordination 1, Iq = 65 kA		
 of full range R fuse link for semiconductor protection usable up to 690 V 	<u>3NE1802-0; Type of coordination 2, Iq = 65 kA</u>		
 of back-up R fuse link for semiconductor protection usable up to 690 V 	<u>3NE8020-1; Type of coordination 2, Iq = 65 kA</u>		
Seneral technical data			
starting voltage [%]	30 100 %		
stopping voltage [%]	50 %; non-adjustable		
start-up ramp time of soft starter	0 20 s		

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	
• for main current circuit	100 ms
 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 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			
	Yes			
ramp-down (soft stop) Soft Terraue	Yes			
Soft Torque				
adjustable current limitation	Yes			
• pump ramp down	Yes			
intrinsic device protection	Yes			
motor overload protection	Yes; Full motor protection (thermistor motor protection and electronic motor overload protection)			
 evaluation of thermistor motor protection 	Yes; Type A PTC or Klixon / Thermoclick			
inside-delta circuit	Yes			
auto-RESET	Yes			
manual RESET	Yes			
remote reset	Yes; By turning off the control supply voltage			
 communication function 	Yes			
 operating measured value display 	Yes; Only in conjunction with special accessories			
error logbook	Yes; Only in conjunction with special accessories			
 via software parameterizable 	No			
 via software configurable 	Yes			
PROFlenergy	Yes; in connection with the PROFINET Standard communication module			
firmware update	Yes			
 removable terminal for control circuit 	Yes			
torque control	No			
 analog output 	No			
Power Electronics				
operational current				
• at 40 °C rated value	18 A			
at 50 °C rated value	15.9 A			
• at 60 °C rated value	13.8 A			
operational current at inside-delta circuit				
• at 40 °C rated value	31.5 A			
at 40 °C rated value at 50 °C rated value	28 A			
	28 A 23.9 A			
at 60 °C rated value	20.0 h			
operating voltage	200 490 \/			
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				
• at 230 V at 40 °C rated value	4 kW			
 at 230 V at inside-delta circuit at 40 °C rated value 	7.5 kW			
• at 400 V at 40 °C rated value	7.5 kW			
• at 400 V at inside-delta circuit at 40 °C rated value	15 kW			
Operating frequency 1 rated value	50 Hz			
Operating frequency 2 rated value	60 Hz			

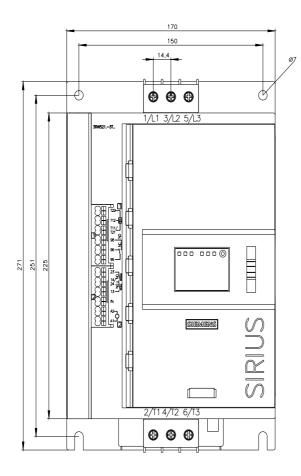
relative negative tolerance of the operating frequency	-10 %
relative positive tolerance of the operating frequency	10 %
adjustable motor current	
 at rotary coding switch on switch position 1 	7.5 A
 at rotary coding switch on switch position 2 	8.2 A
 at rotary coding switch on switch position 3 	8.9 A
 at rotary coding switch on switch position 4 	9.6 A
 at rotary coding switch on switch position 5 	10.3 A
 at rotary coding switch on switch position 6 	11 A
 at rotary coding switch on switch position 7 	11.7 A
 at rotary coding switch on switch position 8 	12.4 A
 at rotary coding switch on switch position 9 	13.1 A
 at rotary coding switch on switch position 10 	13.8 A
 at rotary coding switch on switch position 11 	14.5 A
 at rotary coding switch on switch position 12 	15.2 A
 at rotary coding switch on switch position 13 	15.9 A
 at rotary coding switch on switch position 14 	16.6 A
 at rotary coding switch on switch position 15 	17.3 A
 at rotary coding switch on switch position 16 	18 A
● minimum	7.5 A
adjustable motor current	
 for inside-delta circuit at rotary coding switch on switch position 1 	13 A
 for inside-delta circuit at rotary coding switch on switch position 2 	14.2 A
 for inside-delta circuit at rotary coding switch on switch position 3 	15.4 A
 for inside-delta circuit at rotary coding switch on switch position 4 	16.6 A
 for inside-delta circuit at rotary coding switch on switch position 5 	17.8 A
for inside-delta circuit at rotary coding switch on switch position 6	19.1 A
 for inside-delta circuit at rotary coding switch on switch position 7 for inside delta circuit at rotary coding switch on switch 	20.3 A 21.5 A
 for inside-delta circuit at rotary coding switch on switch position 8 for inside-delta circuit at rotary coding switch on switch 	21.5 A 22.7 A
 for inside-delta circuit at rotary coding switch on switch for inside-delta circuit at rotary coding switch on switch 	23.9 A
 for inside delta circuit at rotary coding switch on switch for inside-delta circuit at rotary coding switch on switch 	25.1 A
 position 11 for inside-delta circuit at rotary coding switch on switch 	26.3 A
 position 12 for inside-delta circuit at rotary coding switch on switch 	27.5 A
position 13for inside-delta circuit at rotary coding switch on switch	28.8 A
position 14for inside-delta circuit at rotary coding switch on switch	30 A
 position 15 for inside-delta circuit at rotary coding switch on switch 	31.2 A
position 16	42.4
at inside-delta circuit minimum	13 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 	17 W
• at 50 °C after startup	17 W
	17 W
● at 60 °C after startup	
at 60 °C after startup	
power loss [W] at AC at current limitation 350 %	
power loss [W] at AC at current limitation 350 % • at 40 °C during startup	276 W
power loss [W] at AC at current limitation 350 % • at 40 °C during startup • at 50 °C during startup	276 W 241 W
power loss [W] at AC at current limitation 350 % • at 40 °C during startup	276 W

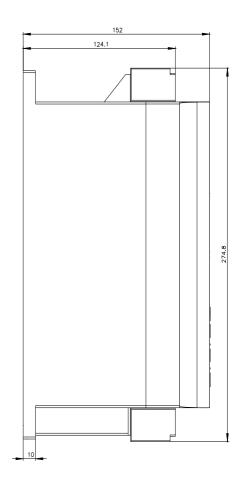
control supply voltage at AC	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
relative negative tolerance of the control supply voltage at AC at 50 Hz	-20 %
relative positive tolerance of the control supply voltage at AC at 50 Hz	20 %
relative negative tolerance of the control supply voltage 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	360 mA
inrush current by closing the bypass contacts maximum	0.75 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 inputs number of digital outputs	1 3
number of digital outputs	3
number of digital outputs not parameterizable 	3 2
number of digital outputs not parameterizable digital output version	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0
number of digital outputs not parameterizable digital output version number of analog outputs 	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO)
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) 0
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) 0 3 A 1 A
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) 0 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface
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	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing
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	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm
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	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm
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) 0 3 A 1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm
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) 0 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
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) 0 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
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) 0 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
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) 0 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
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) 0 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
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) 0 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
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) 0 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
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) 0 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
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) 0 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 2.1 kg
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 oforwards odownwards • at the side weight without packaging Connections/ Terminals type of electrical connection	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 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 2.1 kg
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) 0 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 2.1 kg
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	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 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 2.1 kg
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 wire length for thermistor connection	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 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 2.1 kg screw-type terminals spring-loaded terminals

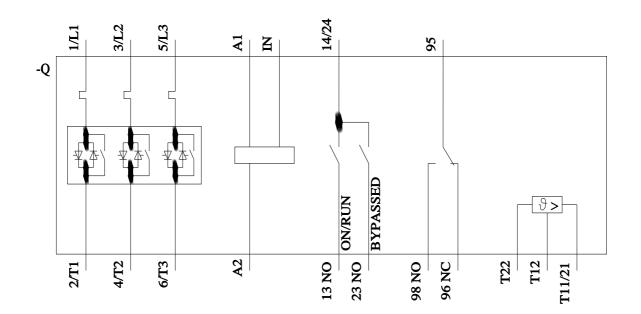
type of connectable conductor cross-sections				
 for main contacts 				
— solid	2x (1.0 2.5 mm²), 2x (2.5 10 mm²)			
 finely stranded with core end processing 	2x (1.0 2.5 mm ²), 2x (2.5 6.0 mm ²)			
for AWG cables for main current circuit solid	2x (16 12), 2x (14 8)			
type of connectable conductor cross-sections				
 for control circuit solid 	2x (0.25 1.5 mm²)			
 for control circuit finely stranded with core end processing 	2x (0.25 1.5 mm²)			
 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 	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 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. 60 A or 3VA51, max. 60 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; lq max = 65 kA			
— usable for Standard Faults at 460/480 V at inside- delta circuit according to UL	Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA			
— usable for High Faults at 460/480 V at inside-delta circuit according to UL	Siemens type: 3VA51, max. 35 A; lq max = 65 kA			
— usable for Standard Faults at 575/600 V according to UL	Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA			
 usable for Standard Faults at 575/600 V at inside- delta circuit according to UL 	Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA			
• of the fuse				
 — usable for Standard Faults up to 575/600 V according to UL 	Type: Class RK5 / K5, max. 70 A; Iq = 5 kA			
— usable for High Faults up to 575/600 V according to UL	Type: Class J / L, max. 70 A; Iq = 100 kA			
 usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL 	Type: Class RK5 / K5, max. 70 A; Iq = 5 kA			
 — usable for High Faults at inside-delta circuit up to 575/600 V according to UL 	Type: Class J / L, max. 70 A; Iq = 100 kA			

operating power [hp] for 3-phase motors	6				
 at 200/208 V at 50 °C rated value 		3 hp			
 at 220/230 V at 50 °C rated value 		5 hp			
 at 460/480 V at 50 °C rated value 		10 hp 7.5 hp			
 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	lue 7.5 hp			
 at 460/480 V at inside-delta circuit at 	50 °C rated value	20 hp			
contact rating of auxiliary contacts acco	rding to UL	R300-B300			
Safety related data		_			
protection class IP on the front accordin	g to IEC 60529	IP20			
touch protection on the front according	to IEC 60529	finger-safe, for vertical contact from the front			
electromagnetic compatibility		in accordance with IEC 60947-4-2			
Certificates/ approvals					
General Product Approval					EMC
	<u>Confirmati</u>	<u>ion</u>		EHC	RCM
Declaration of Conformity	Test Certifica	ates	Marine / Shipping		
UK CE CA CE	<u>Type Test Ca</u> <u>ates/Test Ra</u>		ABS	BUREAU VERITAS	Llovd's Register uis
Marine / Shipping other					
Confirmation PRS					
Further information					
Siemens has decided to exit the Russian			- Average -		
https://press.siemens.com/global/en/pressr Siemens is working on the renewal of th Please contact your local Siemens office or EAC relevant market (other than the sanction	e current EAC certific the status of validity of	cates. of the EAC	certification if you inten	d to import or offer to sup	oply these products to an
Information on the packaging https://support.industry.siemens.com/cs/ww					
Information- and Downloadcenter (Catal https://www.siemens.com/ic10	ogs, Brocnures,)				
Industry Mall (Online ordering system)					
https://mall.industry.siemens.com/mall/en/e	n/Catalog/product?mlf	b=3RW521	<u>4-3TC04</u>		
Cax online generator http://support.automation.siemens.com/WW Service&Support (Manuals, Certificates, https://support.industry.siemens.com/cs/ww	Characteristics, FAC	Qs,)	&mlfb=3RW5214-3TC0	<u>)4</u>	
Image database (product images, 2D din http://www.automation.siemens.com/bilddb	nension drawings, 3D /cax_de.aspx?mlfb=3F) models, c RW5214-3T	levice circuit diagram C04⟨=en	s, EPLAN macros,)	
Characteristic: Tripping characteristics, https://support.industry.siemens.com/cs/ww Characteristic: Installation altitude					
http://www.outomotion.ciomono.com/hilddh	linder convOrieur-Coo				

Characteristic: Installation altitude http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5214-3TC04&objecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS) https://support.industry.siemens.com/cs/ww/en/view/101494917







1/14/2023 🖸

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