SIEMENS

Data sheet

3RW5246-2TC14



SIRIUS soft starter 200-480 V 370 A, 110-250 V AC spring-type terminals Thermistor input

product brand name	SIRIUS			
product orange name	Hybrid switching devices			
product designation	Soft starter			
product designation	3RW52			
manufacturer's article number	51(11)52			
of standard HMI module usable	3RW5980-0HS00			
of high feature HMI module usable	<u>3RW5980-0H500</u> 3RW5980-0HF00			
 of communication module PROFINET standard usable 	<u>3RW5980-0HF00</u> <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 	<u>3VA2440-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10</u>			
 of circuit breaker usable at 500 V 	3VA2440-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10			
 of circuit breaker usable at 400 V at inside-delta circuit 	3VA2580-6HN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10			
 of circuit breaker usable at 500 V at inside-delta circuit 	<u>3VA2580-6HN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10</u>			
 of the gG fuse usable up to 690 V 	2x3NA3365-6; Type of coordination 1, Iq = 65 kA			
 of the gG fuse usable at inside-delta circuit up to 500 V 	2x3NA3365-6; Type of coordination 1, Iq = 65 kA			
 of full range R fuse link for semiconductor protection usable up to 690 V 	<u>3NE1334-2: Type of coordination 2. Iq = 65 kA</u>			
 of back-up R fuse link for semiconductor protection usable up to 690 V 	<u>3NE3336; 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			
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 safe isolation				
 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; 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 	370 A			
 at 50 °C rated value 	328 A			
• at 60 °C rated value	300 A			
operational current at inside-delta circuit				
• at 40 °C rated value	641 A			
• at 50 °C rated value	568 A			
• at 60 °C rated value	519 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				

	440 1441
• at 230 V at 40 °C rated value	110 kW
• at 230 V at inside-delta circuit at 40 °C rated value	200 kW
• at 400 V at 40 °C rated value	200 kW
at 400 V at inside-delta circuit at 40 °C rated value	355 kW
Operating frequency 1 rated value	50 Hz
Operating frequency 2 rated value	60 Hz
relative negative tolerance of the operating frequency	10 % 10 %
relative positive tolerance of the operating frequency	10 %
 adjustable motor current at rotary coding switch on switch position 1 	160 A
 at rotary coding switch on switch position 1 at rotary coding switch on switch position 2 	174 A
 at rotary coding switch on switch position 2 at rotary coding switch on switch position 3 	188 A
 at rotary coding switch on switch position 3 at rotary coding switch on switch position 4 	202 A
 at rotary coding switch on switch position 5 	202 A 216 A
 at rotary coding switch on switch position 6 	230 A
 at rotary coding switch on switch position 7 	244 A
 at rotary coding switch on switch position 7 at rotary coding switch on switch position 8 	258 A
	272 A
 at rotary coding switch on switch position 9 at rotary coding switch on switch position 10 	286 A
 at rotary coding switch on switch position 10 at rotary coding switch on switch position 11 	300 A
 at rotary coding switch on switch position 12 	314 A
 at rotary coding switch on switch position 12 at rotary coding switch on switch position 13 	328 A
 at rotary coding switch on switch position 14 	342 A
 at rotary coding switch on switch position 15 	356 A
 at rotary coding switch on switch position 16 	370 A
minimum	160 A
adjustable motor current	
 for inside-delta circuit at rotary coding switch on switch position 1 	277 A
 for inside-delta circuit at rotary coding switch on switch position 2 	301 A
 for inside-delta circuit at rotary coding switch on switch position 3 	326 A
 for inside-delta circuit at rotary coding switch on switch position 4 	350 A
 for inside-delta circuit at rotary coding switch on switch position 5 	374 A
 for inside-delta circuit at rotary coding switch on switch position 6 	398 A
 for inside-delta circuit at rotary coding switch on switch position 7 	423 A
 for inside-delta circuit at rotary coding switch on switch position 8 	447 A
 for inside-delta circuit at rotary coding switch on switch position 9 	471 A
 for inside-delta circuit at rotary coding switch on switch position 10 	495 A
 for inside-delta circuit at rotary coding switch on switch position 11 	520 A
 for inside-delta circuit at rotary coding switch on switch position 12 	544 A
 for inside-delta circuit at rotary coding switch on switch position 13 	568 A
 for inside-delta circuit at rotary coding switch on switch position 14 	592 A
 for inside-delta circuit at rotary coding switch on switch position 15 	617 A
 for inside-delta circuit at rotary coding switch on switch position 16 	641 A
at inside-delta circuit minimum	277 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	400 101
• at 40 °C after startup	123 W
 at 50 °C after startup 	110 W

• at 60 °C after startup	102 W			
power loss [W] at AC at current limitation 350 %	102 W			
• at 40 °C during startup	5 575 W			
• at 50 °C during startup	4 706 W			
• at 60 °C during startup	4 157 W			
Control circuit/ Control	- 157 W			
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	100 mA			
locked-rotor current at close of bypass contact maximum	2.2 A			
inrush current peak at application of control supply voltage maximum	12.2 A			
duration of inrush current peak at application of control supply voltage	2.2 ms			
design of the overvoltage protection	Varistor			
design of short-circuit protection for control circuit	4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply			
Inputs/ Outputs	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			
Inputs/ 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	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 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			
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 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	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) 0 3 A			
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			
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) 0 3 A 1 A			
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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting			
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) 0 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 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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back			
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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back 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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 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	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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 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	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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 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 • 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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 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 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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 5 mm 9.9 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	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) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm			

width of connection bar maximum	45 mm		
wire length for thermistor connection			
 with conductor cross-section = 0.5 mm² maximum 	50 m		
 with conductor cross-section = 1.5 mm² maximum 	150 m		
• with conductor cross-section = 2.5 mm ² maximum	250 m		
type of connectable conductor cross-sections			
 for DIN cable lug for main contacts stranded 	2x (50 240 mm²)		
 for DIN cable lug for main contacts finely stranded 	2x (70 240 mm²)		
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 mm ²)		
 at AWG cables for control circuit solid 	2x (24 16)		
at 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		
tightening torque			
 for main contacts with screw-type terminals 	14 24 N·m		
 for auxiliary and control contacts with screw-type 	0.8 1.2 N·m		
terminals			
tightening torque [lbf·in]			
 for main contacts with screw-type terminals 	124 210 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 	3K6 (no ice formation, only occasional condensation), 3C3 (no salt		
during storage according to IEC 60721	mist), 3S2 (sand must not get into the devices), 3M6 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		
	acc. 10 120 00347-4-2. 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 the fuse			
 — usable for Standard Faults up to 575/600 V according to UL 	Type: Class J / L, max. 1200 A; Iq = 18 kA		
— usable for High Faults up to 575/600 V according to UL	Type: Class J / L, max. 1200 A; Iq = 100 kA		
 usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL 	Type: Class J / L, max. 1200 A; lq = 18 kA		
 — usable for High Faults at inside-delta circuit up to 575/600 V according to UL 	Type: Class J / L, max. 1200 A; lq = 100 kA		
operating power [hp] for 3-phase motors			
• at 200/208 V at 50 °C rated value	100 hp		
• at 220/230 V at 50 °C rated value	125 hp		
• at 460/480 V at 50 °C rated value	250 hp		
 at 200/208 V at inside-delta circuit at 50 °C rated 	200 hp		

• at 220/230 V at inside-de	Ita circuit at 50 °C rated	200 hp			
 at 220/230 V at inside-delta circuit at 50 °C rated value 		200 lip			
 at 460/480 V at inside-delta circuit at 50 °C rated value 		450 hp			
contact rating of auxiliary cor	ntacts according to UL	R300-B300			
Safety related data					
protection class IP on the from 60529	protection class IP on the front according to IEC		IP00; IP20 with cover		
touch protection on the front	according to IEC 60529	finger-safe, for vertical cont	finger-safe, for vertical contact from the front with cover		
electromagnetic compatibility	/	in accordance with IEC 60947-4-2			
Certificates/ approvals					
General Product Approval				EMC	
Conf CSA	irmation ccc		EHC	RCM	
Declaration of Conformity	Test Certifica	tes Marine / Shipping			
CE EG-Konf.	JK ates/Test Re IA		BUREAU VERITAS	Lloyds Register us	
Marine / Shipping	other				
and the second s	NV-GL	<u>n</u>			
Fundle on information					
Further information Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/ic10 Industry Mall (Online ordering system)					
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5246-2TC14 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5246-2TC14					
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RW5246-2TC14					
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5246-2TC14⟨=en					
Characteristic: Tripping characteristics, I ² t, Let-through current					
https://support.industry.siemens.com/cs/ww/en/ps/3RW5246-2TC14/char Characteristic: Installation altitude					
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5246-2TC14&objecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS)					
https://support.industry.siemens.com/cs/ww/en/view/101494917					

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