SIEMENS

Data sheet

3RW5214-1TC14



SIRIUS soft starter 200-480 V 18 A, 110-250 V AC Screw 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 	<u>3RV2032-4DA10;</u> Type of coordination 1, Iq = 65 kA, CLASS 10			
 of circuit breaker usable at 500 V 	<u>3RV2032-4DA10</u> ; Type of coordination 1, Iq = 15 kA, CLASS 10			
 of circuit breaker usable at 400 V at inside-delta circuit 	<u>3RV2032-4EA10;</u> Type of coordination 1, Iq = 65 kA, CLASS 10			
 of circuit breaker usable at 500 V at inside-delta circuit 	<u>3RV2032-4EA10;</u> Type of coordination 1, Iq = 15 kA, CLASS 10			
 of the gG fuse usable up to 690 V 	<u>3NA3820-6;</u> Type of coordination 1, Iq = 65 kA			
 of the gG fuse usable at inside-delta circuit up to 500 V 	<u>3NA3820-6;</u> Type of coordination 1, Iq = 65 kA			
 of full range R fuse link for semiconductor protection usable up to 690 V 	<u>3NE1802-0;</u> Type of coordination 2, Iq = 65 kA			
 of back-up R fuse link for semiconductor protection usable up to 690 V 	<u>3NE8020-1;</u> Type of coordination 2, Iq = 65 kA			
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				

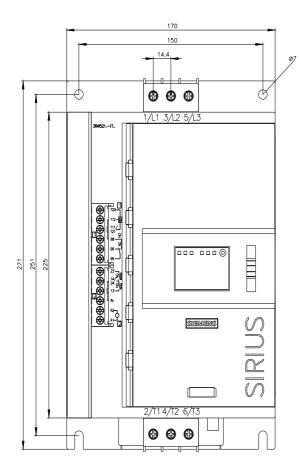
for main current circuit	100 ms				
for main current circuit for control circuit					
insulation voltage rated value	100 ms				
degree of pollution	600 V 3. acc. to IEC 60047.4.2				
impulse voltage rated value	3, acc. to IEC 60947-4-2 6 kV				
	6 KV 1 600 V				
blocking voltage of the thyristor maximum service factor					
	1				
surge voltage resistance rated value	6 kV				
maximum permissible voltage for safe isolation	600.1/				
 between main and auxiliary circuit shock resistance 	600 V				
	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 02/15/2018				
Substance Prohibitance (Date)	02/15/2016				
product function	Vec				
ramp-up (soft starting)	Yes				
ramp-down (soft stop) Soft Torque	Yes				
Soft Torque adjustable surrent limitation	Yes				
adjustable current limitation	Yes				
pump ramp down intrincip dovice protection	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 50 °C rated value	28 A				
• at 60 °C rated value	23.9 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					
• 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				

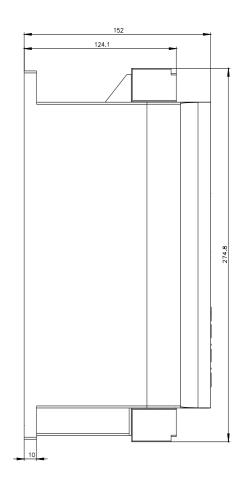
Operating frequency 2 rated value	60 Hz				
relative negative tolerance of the operating frequency	-10 %				
relative positive tolerance of the operating frequency	10 %				
adjustable motor current					
 at rotary coding switch on switch position 1 	7.5 A				
 at rotary coding switch on switch position 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 at rotary coding switch on switch position 10 	13.1 A 13.8 A				
 at rotary coding switch on switch position 10 at rotary coding switch on switch position 11 	14.5 A				
 at rotary coding switch on switch position 11 at rotary coding switch on switch position 12 	14.5 A 15.2 A				
 at rotary coding switch on switch position 12 at rotary coding switch on switch position 13 	15.9 A				
 at rotary coding switch on switch position 13 at rotary coding switch on switch position 14 	16.6 A				
 at rotary coding switch on switch position 14 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 for inside delta circuit at rotary coding switch on 	19.1 A				
 for inside-delta circuit at rotary coding switch on switch position 7 for inside delta circuit at rotary coding switch on 	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 	22.7 A				
 for inside-delta circuit at rotary coding switch on for inside-delta circuit at rotary coding switch on 	23.9 A				
 switch position 10 for inside-delta circuit at rotary coding switch on 	25.1 A				
switch position 11for inside-delta circuit at rotary coding switch on	26.3 A				
switch position 12for inside-delta circuit at rotary coding switch on	27.5 A				
 switch position 13 for inside-delta circuit at rotary coding switch on 	28.8 A				
 switch position 14 for inside-delta circuit at rotary coding switch on switch position 15 	30 A				
 for inside-delta circuit at rotary coding switch on switch position 16 	31.2 A				
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				
• at 60 °C after startup	16 W				
power loss [W] at AC at current limitation 350 %					
• at 40 °C during startup	276 W				
• at 50 °C during startup	241 W				
• at 60 °C during startup	200 W				
Control circuit/ Control					
type of voltage of the control supply voltage	AC				
control supply voltage at AC					

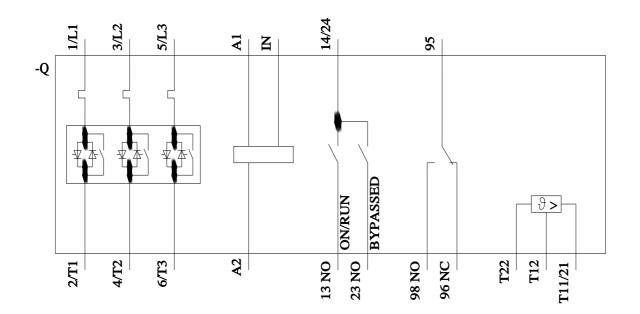
• at 50 Hz	110 250 V			
• at 60 Hz	110 250 V			
relative negative tolerance of the control supply voltage at AC at 50 Hz	-15 %			
relative positive tolerance of the control supply voltage at AC at 50 Hz	10 %			
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %			
relative 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			
inrush current peak at application of control supply voltage	12.2 A			
maximum				
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				
number of digital inputs	1			
number of digital outputs	3			
 not parameterizable 	2			
digital output version	2 normally-open contacts (NO) / 1 changeover contact (CO)			
number of analog outputs	0			
switching capacity current of the relay outputs				
 at AC-15 at 250 V rated value 	3 A			
 at DC-13 at 24 V rated value 	1 A			
Installation/ mounting/ dimensions				
	+/- 10° rotation possible and can be tilted forward or backward on			
Installation/ mounting/ dimensions	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface			
Installation/ mounting/ dimensions	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing			
Installation/ mounting/ dimensions mounting position	vertical mounting surface			
Installation/ mounting/ dimensions mounting position fastening method	vertical mounting surface screw fixing			
Installation/ mounting/ dimensions mounting position fastening method height	vertical mounting surface screw fixing 275 mm			
Installation/ mounting/ dimensions mounting position fastening method height width	vertical mounting surface screw fixing 275 mm 170 mm			
Installation/ mounting/ dimensions mounting position fastening method height width depth	vertical mounting surface screw fixing 275 mm 170 mm			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards	vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards	vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards	vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side	vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards	vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side	vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • downwards • at the side weight without packaging	vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • downwards • at the side weight without packaging Connections/ Terminals	vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection	vertical mounting surface screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.1 kg			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit	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			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit	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			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit wire length for thermistor connection	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 screw-type terminals			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit wire length for thermistor connection • with conductor cross-section = 0.5 mm ² maximum	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 screw-type terminals 50 m			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit wire length for thermistor connection • with conductor cross-section = 0.5 mm ² maximum • with conductor cross-section = 1.5 mm ² maximum	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 screw-type terminals 50 m 150 m			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit wire length for thermistor connection • with conductor cross-section = 0.5 mm ² maximum • with conductor cross-section = 1.5 mm ² maximum • with conductor cross-section = 2.5 mm ² maximum	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 screw-type terminals 50 m 150 m			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit wire length for thermistor connection • with conductor cross-section = 0.5 mm ² maximum • with conductor cross-section = 1.5 mm ² maximum • with conductor cross-section = 2.5 mm ² maximum • with conductor cross-section = 2.5 mm ² maximum • with conductor cross-section = 2.5 mm ² maximum	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 screw-type terminals 50 m 150 m			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit wire length for thermistor connection • with conductor cross-section = 0.5 mm ² maximum • with conductor cross-section = 1.5 mm ² maximum • with conductor cross-section = 2.5 mm ² maximum type of connectable conductor cross-sections • for main contacts	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 screw-type terminals 50 m 150 m 250 m			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting e forwards backwards backwards backwards connections/ Terminals type of electrical connection e for main current circuit for control circuit wire length for thermistor connection e with conductor cross-section = 0.5 mm ² maximum with conductor cross-section = 1.5 mm ² maximum with conductor cross-section = 2.5 mm ² maximum type of connectable conductor cross-sections e for main contacts — solid	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 screw-type terminals screw-type terminals 20 m 150 m 250 m			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit wire length for thermistor connection • with conductor cross-section = 0.5 mm ² maximum • with conductor cross-section = 1.5 mm ² maximum • with conductor cross-section = 2.5 mm ² maximum • mith conductor cross-section = 0.5 mm ² maximum • mith conductor c	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 screw-type terminals 50 m 150 m 250 m 22x (1.0 2.5 mm ²), 2x (2.5 10 mm ²) 2x (1.0 2.5 mm ²), 2x (2.5 6.0 mm ²)			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit wire length for thermistor connection • with conductor cross-section = 0.5 mm ² maximum • with conductor cross-section = 1.5 mm ² maximum • with conductor cross-section = 2.5 mm ² maximum • with conductor cross-section = 2.5 mm ² maximum • type of connectable conductor cross-sections • for main contacts - solid - finely stranded with core end processing • at AWG cables for main current circuit solid	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 screw-type terminals 50 m 150 m 250 m 22x (1.0 2.5 mm ²), 2x (2.5 10 mm ²) 2x (1.0 2.5 mm ²), 2x (2.5 6.0 mm ²)			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit wire length for thermistor connection • with conductor cross-section = 0.5 mm ² maximum • with conductor cross-section = 1.5 mm ² maximum • with conductor cross-section = 2.5 mm ² maximum • with conductor cross-section = 2.5 mm ² maximum type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main current circuit solid type of connectable conductor cross-sections • for control circuit solid • for control circuit solid • for control circuit finely stranded with core end	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 screw-type terminals 50 m 150 m 250 m 250 m 22x (1.0 2.5 mm ²), 2x (2.5 10 mm ²) 2x (1.0 2.5 mm ²), 2x (2.5 6.0 mm ²) 2x (16 12), 2x (14 8)			
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit wire length for thermistor connection • with conductor cross-section = 0.5 mm ² maximum • with conductor cross-section = 1.5 mm ² maximum • with conductor cross-section = 2.5 mm ² maximum • with conductor cross-section = 2.5 mm ² maximum type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main current circuit solid type of connectable conductor cross-sections • for control circuit solid	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 screw-type terminals 50 m 150 m 250 m 250 m 2x (1.0 2.5 mm ²), 2x (2.5 10 mm ²) 2x (1.0 2.5 mm ²), 2x (2.5 6.0 mm ²) 2x (16 12), 2x (14 8) 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²)			

at AWG cables for control circuit solid	1x (20 12), 2x (20 14)				
wire length	000 m				
between soft starter and motor maximum	800 m				
at the digital inputs at AC maximum	100 m				
tightening torque	2 2.5 N·m				
 for main contacts with screw-type terminals for auxiliary and control contacts with across type 	2 2.5 N·m 0.8 1.2 N·m				
 for auxiliary and control contacts with screw-type terminals 	0.0 1.2 N'III				
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					
OL/CSA ratings					
manufacturer's article number					
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V	Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA				
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL					
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V	Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA				
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according	Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65				
 manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at 	Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA				
 manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL 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 Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA				
 manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL 	Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3VA51, max. 35 A; lq max = 65 kA				
 manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL of the fuse 	Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA				
 manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL 	Siemens type: $3RV2742$, max. 30 A or $3VA51$, max. 35 A ; lq max = 65 kA Siemens type: $3RV2742$, max. 60 A or $3VA51$, max. 60 A ; lq = 5 kA Siemens type: $3VA51$, max. 35 A ; lq max = 65 kA Siemens type: $3RV2742$, max. 60 A or $3VA51$, max. 60 A ; lq = 5 kA Siemens type: $3RV2742$, max. 60 A or $3VA51$, max. 60 A ; lq = 5 kA Siemens type: $3RV2742$, max. 60 A or $3VA51$, max. 60 A ; lq = 5 kA Siemens type: $3RV2742$, max. 60 A or $3VA51$, max. 60 A ; lq = 5 kA				
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Safety related data					
protection class IP on the front according to IEC		IP20			
60529					
touch protection on the front according to IEC 60529		-		tact from the front	
electromagnetic compatibility	in accordance	ce with IEC 609	947-4-2		
Certificates/ approvals	_	_	_		
General Product Approval					EMC
Confirmation CSA			(Ψ) ۳	EHC	RCM
Declaration of Conformity	Test Certificat	es Mari	ne / Shipping		
UK CE CA CE G-Konf.	<u>Type Test Cer</u> <u>ates/Test Re</u> p		ABS	B U REAU VERITAS	Lloyd's Register urs
Marine / Shipping other Image: Confirmation PRS Confirmation					
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=3RW5214-1TC14 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5214-1TC14 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RW5214-1TC14					
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5214-1TC14⟨=en Characteristic: Tripping characteristics, I ² t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RW5214-1TC14/char Characteristic: Installation altitude					
Characteristic: Installation altitude http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5214-1TC14&objecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS) https://support.industry.siemens.com/cs/ww/en/view/101494917					







1/16/2023

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