SIEMENS

product brand name

Data sheet 3RW5213-3TC14

SIRIUS



SIRIUS soft starter 200-480 V 13 A, 110-250 V AC spring-type terminals Thermistor input

product brand name	Silvios
product category	Hybrid switching devices
product designation	Soft starter
product type designation	3RW52
manufacturer's article number	
of standard HMI module usable	3RW5980-0HS00
of high feature HMI module usable	3RW5980-0HF00
of communication module PROFINET standard usable	3RW5980-0CS00
 of communication module PROFIBUS usable 	3RW5980-0CP00
• of communication module Modbus TCP usable	3RW5980-0CT00
• of communication module Modbus RTU usable	3RW5980-0CR00
 of communication module Ethernet/IP 	3RW5980-0CE00
 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	3RV2032-4DA10; Type of coordination 1, Iq = 18 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 	3NE1815-0; Type of coordination 2, Iq = 65 kA
 of back-up R fuse link for semiconductor protection usable up to 690 V 	3NE8017-1; Type of coordination 2, Iq = 65 kA
eneral 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	
• Film Filight Catalo	No
• is supported HMI-Standard	No Yes
-	
• is supported HMI-Standard	Yes
is supported HMI-Standard is supported HMI-High Feature	Yes Yes
is supported HMI-Standard is supported HMI-High Feature product feature integrated bypass contact system	Yes Yes Yes
is supported HMI-Standard is supported HMI-High Feature product feature integrated bypass contact system number of controlled phases	Yes Yes Yes 3
is supported HMI-Standard is supported HMI-High Feature product feature integrated bypass contact system number of controlled phases trip class	Yes Yes Yes 3

insulation voltage rated value	600 V
degree of pollution	3, acc. to IEC 60947-4-2
	5, acc. to fee 60947-4-2
impulse voltage rated value	1 600 V
blocking voltage of the thyristor maximum	1
service factor	6 kV
surge voltage resistance rated value	O 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
	AC 53a
utilization category according to IEC 60947-4-2 reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	02/15/2018
product function	02/13/2010
• 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
- motor overload protection	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 	13 A
• at 50 °C rated value	11.5 A
at 60 °C rated value	10.5 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	
 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 % 10 %
relative positive tolerance of the operating frequency	10 /0
adjustable motor current	
at rotary coding switch on switch position 1	5.5 A
at rotary coding switch on switch position 2	6 A
 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 for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as for inside delta circuit at rotary coding switch on switch as 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 for inside-delta circuit at rotary coding switch on switch 	18.2 A 19.1 A
position 12 • for inside-delta circuit at rotary coding switch on switch	19.1 A
position 13 • for inside-delta circuit at rotary coding switch on switch	20.8 A
position 14 • for inside-delta circuit at rotary coding switch on switch	21.7 A
position 15 • for inside-delta circuit at rotary coding switch on switch	22.5 A
position 16 • 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
at 60 °C after startup	15 W
power loss [W] at AC at current limitation 350 %	10 17
	210 W
• at 40 °C during startup	
at 50 °C during startup	178 W
at 60 °C during startup	161 W
ontrol circuit/ Control	

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 by closing the bypass contacts 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
Inputs/ Outputs	
number of digital inputs	1
number of digital outputs	3
not parameterizable	2
·	2 normally-open contacts (NO) / 1 changeover contact (CO)
digital output version	
number of analog outputs	0
switching capacity current of the relay outputs	
140.45 10501/ 1 1	O A
• at AC-15 at 250 V rated value	3 A
• at DC-13 at 24 V rated value	3 A 1 A
• at DC-13 at 24 V rated value Installation/ mounting/ dimensions	1 A
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position	1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface
• at DC-13 at 24 V rated value Installation/ mounting/ dimensions	1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method	1 A +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm
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	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm
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	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm
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	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm 0 mm
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	+/- 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
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	+/- 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
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards upwards downwards at the side	+/- 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
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards upwards downwards at the side weight without packaging	+/- 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
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 backwards upwards downwards at the side weight without packaging Connections/ Terminals	+/- 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
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards upwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection	+/- 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
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	+/- 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
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	+/- 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
at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting forwards backwards upwards downwards at the side weight without packaging Connections/ Terminals type of electrical connection for main current circuit for control circuit wire length for thermistor connection with conductor cross-section = 0.5 mm² maximum	+/- 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
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 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 mm² maximum with conductor cross-section = 1.5 mm² maximum	+/- 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 50 m 150 m
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 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 mm² maximum with conductor cross-section = 2.5 mm² maximum with conductor cross-section = 2.5 mm² maximum	+/- 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
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 a forwards 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 mm² maximum with conductor cross-section = 2.5 mm² maximum with conductor cross-section = 2.5 mm² maximum with conductor cross-section = 2.5 mm² maximum	+/- 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 50 m 150 m
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	+/- 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 50 m 150 m 250 m
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	+/- 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 50 m 150 m 250 m
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	+/- 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 50 m 150 m 250 m 2x (1.0 2.5 mm²), 2x (2.5 10 mm²) 2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)
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	+/- 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 50 m 150 m 250 m

 for control circuit solid for control circuit finely stranded with core end processing for AWG cables for control circuit solid for AWG cables for control circuit finely stranded with core end processing for AWG cables for control circuit finely stranded with core end processing wire length between soft starter and motor maximum at the digital inputs at AC maximum for main contacts with screw-type terminals for auxiliary and control contacts with screw-type tightening torque [lbf-in] for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals tightening torque [lbf-in] for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals Ambient conditions 	
 for AWG cables for control circuit solid for AWG cables for control circuit finely stranded with core end processing wire length between soft starter and motor maximum at the digital inputs at AC maximum for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals tightening torque [lbf-in] for main contacts with screw-type terminals 18 22 lbf-in for auxiliary and control contacts with screw-type terminals 	
• for AWG cables for control circuit finely stranded with core end processing wire length • between soft starter and motor maximum • at the digital inputs at AC maximum tightening torque • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals tightening torque [lbf-in] • for main contacts with screw-type terminals 18 22 lbf-in 7 10.3 lbf-in	
core end processing wire length • between soft starter and motor maximum • at the digital inputs at AC maximum 100 m tightening torque • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals tightening torque [lbf-in] • for main contacts with screw-type terminals 18 22 lbf-in • for auxiliary and control contacts with screw-type for auxiliary an	
 between soft starter and motor maximum at the digital inputs at AC maximum 100 m tightening torque for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals tightening torque [lbf-in] for main contacts with screw-type terminals 18 22 lbf-in for auxiliary and control contacts with screw-type terminals 100 m 100	
 at the digital inputs at AC maximum tightening torque for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals tightening torque [lbf-in] for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals 18 22 lbf-in for auxiliary and control contacts with screw-type terminals 	
tightening torque • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals tightening torque [lbf·in] • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals 18 22 lbf·in • for auxiliary and control contacts with screw-type terminals	
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for auxiliary and control contacts with screw-type terminals tightening torque [lbf-in] for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals 18 22 lbf-in 7 10.3 lbf-in	
tightening torque [lbf-in] • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals 18 22 lbf-in 7 10.3 lbf-in	
tightening torque [lbf-in] • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals 18 22 lbf-in 7 10.3 lbf-in	
 for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals 18 22 lbf·in 7 10.3 lbf·in 	
• for auxiliary and control contacts with screw-type 7 10.3 lbf·in terminals	
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 about	ove
• 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 (sand must not get into the devices), 3M6 	t), 3S2
 during storage according to IEC 60721 1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must inside the devices), 1M4 	t not get
• 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; Iq = 5 kA	
 usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at insidedelta circuit according to UL Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA 	kA
— usable for High Faults at 460/480 V at inside-delta Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; Iq max = 65 circuit according to UL	kA
— usable for Standard Faults at 575/600 V according to UL Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA	
— usable for Standard Faults at 575/600 V at insidedelta circuit according to UL Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; Iq = 5 kA	
• of the fuse	
— usable for Standard Faults up to 575/600 V Type: Class RK5 / K5, max. 50 A; Iq = 5 kA according to UL	
— usable for High Faults up to 575/600 V according to Type: Class J / L, max. 50 A; Iq = 100 kA	
UL	
UL — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class RK5 / K5, max. 50 A; Iq = 5 kA	
— usable for Standard Faults at inside-delta circuit up Type: Class RK5 / K5, max. 50 A; Iq = 5 kA	
 usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to Type: Class RK5 / K5, max. 50 A; Iq = 5 kA Type: Class J / L, max. 50 A; Iq = 100 kA 	
 usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL Type: Class RK5 / K5, max. 50 A; Iq = 5 kA Type: Class J / L, max. 50 A; Iq = 100 kA 	
 usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors Type: Class RK5 / K5, max. 50 A; Iq = 5 kA Type: Class J / L, max. 50 A; Iq = 100 kA 	
 usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value Type: Class RK5 / K5, max. 50 A; Iq = 5 kA Type: Class J / L, max. 50 A; Iq = 100 kA 2 hp 	
 usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value Type: Class RK5 / K5, max. 50 A; Iq = 100 kA Type: Class J / L, max. 50 A; Iq = 100 kA Type: Class J / L, max. 50 A; Iq = 100 kA 	
— usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 460/480 V at 50 °C rated value 7.5 hp	

contact rating of auxiliary contacts according to UL	R300-B300
Safety related data	
protection class IP on the front according 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



Confirmation









Declaration of Conformity

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping



Confirmation

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3RW5213-3TC14

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RW5213-3TC14}\\$

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RW5213-3TC14

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5213-3TC14&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RW5213-3TC14/char

Characteristic: Installation altitude

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5213-3TC14&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

https://support.industry.siemens.com/cs/ww/en/view/101494917







