## SIEMENS

## Data sheet

## 3RW5213-1AC14



SIRIUS soft starter 200-480 V 13 A, 110-250 V AC Screw terminals Analog output

product brand name	SIRIUS			
product category	Hybrid switching devices			
product designation	Soft starter			
product type designation	3RW52			
manufacturer's article number				
<ul> <li>of standard HMI module usable</li> </ul>	<u>3RW5980-0HS00</u>			
<ul> <li>of high feature HMI module usable</li> </ul>	<u>3RW5980-0HF00</u>			
<ul> <li>of communication module PROFINET standard usable</li> </ul>	<u>3RW5980-0CS00</u>			
<ul> <li>of communication module PROFIBUS usable</li> </ul>	<u>3RW5980-0CP00</u>			
<ul> <li>of communication module Modbus TCP usable</li> </ul>	<u>3RW5980-0CT00</u>			
<ul> <li>of communication module Modbus RTU usable</li> </ul>	<u>3RW5980-0CR00</u>			
<ul> <li>of communication module Ethernet/IP</li> </ul>	<u>3RW5980-0CE00</u>			
<ul> <li>of circuit breaker usable at 400 V</li> </ul>	3RV2032-4TA10; Type of coordination 1, Iq = 65 kA, CLASS 10			
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3RV2032-4TA10; Type of coordination 1, Iq = 18 kA, CLASS 10			
<ul> <li>of circuit breaker usable at 400 V at inside-delta circuit</li> </ul>	3RV2032-4DA10; Type of coordination 1, Iq = 65 kA, CLASS 10			
<ul> <li>of circuit breaker usable at 500 V at inside-delta circuit</li> </ul>	3RV2032-4DA10; Type of coordination 1, Iq = 18 kA, CLASS 10			
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	3NA3820-6; Type of coordination 1, Iq = 65 kA			
<ul> <li>of the gG fuse usable at inside-delta circuit up to 500 V</li> </ul>	3NA3820-6; Type of coordination 1, Iq = 65 kA			
<ul> <li>of full range R fuse link for semiconductor protection usable up to 690 V</li> </ul>	<u>3NE1815-0; Type of coordination 2, Iq = 65 kA</u>			
<ul> <li>of back-up R fuse link for semiconductor protection usable up to 690 V</li> </ul>	<u>3NE8017-1; Type of coordination 2, Iq = 65 kA</u>			
General technical data				
starting voltage [%]	30 100 %			
stopping voltage [%]	50 %; non-adjustable			
start-up ramp time of soft starter	0 20 s			
current limiting value [%] adjustable	130 700 %			
certificate of suitability				
CE marking	Yes			
UL approval	Yes			
CSA approval	Yes			
product component				
HMI-High Feature	No			
<ul> <li>is supported HMI-Standard</li> </ul>	Yes			
<ul> <li>is supported HMI-High Feature</li> </ul>	Yes			

number of controlled phases

product feature integrated bypass contact system

buffering time in the event of power failure

Yes

3

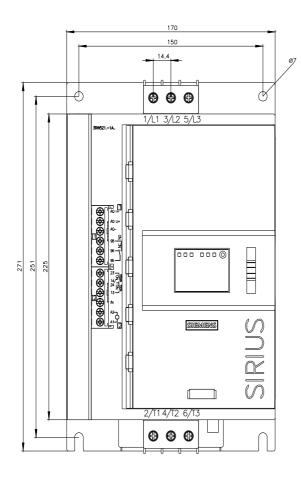
for main current circuit	100 ms			
for control circuit	100 ms			
insulation voltage rated value	600 V			
degree of pollution	3, acc. to IEC 60947-4-2			
impulse voltage rated value	3, acc. to IEC 60947-4-2 6 kV			
blocking voltage of the thyristor maximum	1 600 V			
service factor	1 1 1 1			
surge voltage resistance rated value	1 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			
utilization category according to IEC 60947-4-2	AC 53a			
reference code according to IEC 81346-2	Q			
Substance Prohibitance (Date)	02/15/2018			
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 Dibutylbis(pentane-2,4-dionato-O,O')tin - 22673-19-4			
product function				
<ul> <li>ramp-up (soft starting)</li> </ul>	Yes			
<ul> <li>ramp-down (soft stop)</li> </ul>	Yes			
Soft Torque	Yes			
<ul> <li>adjustable current limitation</li> </ul>	Yes			
• pump ramp down	Yes			
<ul> <li>intrinsic device protection</li> </ul>	Yes			
<ul> <li>motor overload protection</li> </ul>	Yes; Electronic motor overload protection			
<ul> <li>evaluation of thermistor motor protection</li> </ul>	No			
inside-delta circuit	Yes			
auto-RESET	Yes			
manual RESET	Yes			
remote reset	Yes; By turning off the control supply voltage			
<ul> <li>communication function</li> </ul>	Yes			
operating measured value display	Yes; Only in conjunction with special accessories			
• error logbook	Yes; Only in conjunction with special accessories			
via software parameterizable	No			
via software configurable	Yes			
PROFlenergy	Yes; in connection with the PROFINET Standard communication module			
• firmware update	Yes			
removable terminal for control circuit	Yes			
torque control	No			
analog output	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature HMI)			
Power Electronics				
<ul> <li>operational current</li> <li>at 40 °C rated value</li> </ul>	13 A			
at 50 °C rated value	11.5 A			
at 50 °C rated value     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			
<ul> <li>at 230 V at inside-delta circuit at 40 °C rated value</li> </ul>	5.5 kW			

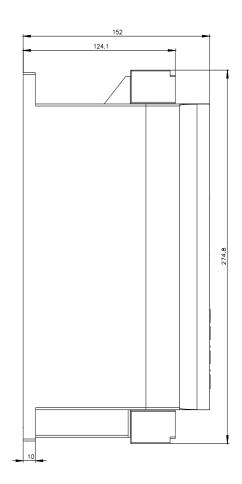
<ul> <li>at 400 V at 40 °C rated value</li> </ul>	5.5 kW
<ul> <li>at 400 V at inside-delta circuit at 40 °C rated value</li> </ul>	11 kW
Operating frequency 1 rated value	50 Hz
Operating frequency 2 rated value	60 Hz
relative negative tolerance of the operating frequency	-10 %
relative positive tolerance of the operating frequency	10 %
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
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	7 A
• at rotary coding switch on switch position 5	7.5 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	8 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	8.5 A
<ul> <li>at rotary coding switch on switch position 8</li> </ul>	9 A
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	9.5 A
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	10 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	10.5 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	11 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	11.5 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	12 A
at rotary coding switch on switch position 15	12.5 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	13 A
• minimum	5.5 A
adjustable motor current	-
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> </ul>	9.5 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>	10.4 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>	11.3 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>	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
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> <li>for inside delta circuit at rotary coding switch on switch</li> </ul>	14.7 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 8</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	15.6 A 16.5 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	17.3 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	18.2 A
<ul> <li>for inside delta circuit at rotary coding switch on switch</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	19.1 A
<ul><li>position 12</li><li>for inside-delta circuit at rotary coding switch on switch</li></ul>	19.9 A
<ul><li>position 13</li><li>for inside-delta circuit at rotary coding switch on switch</li></ul>	20.8 A
<ul> <li>position 14</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	21.7 A
<ul> <li>position 15</li> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> </ul>	22.5 A
at inside-delta circuit minimum	9.5 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	
• at 40 °C after startup	16 W
• at 50 °C after startup	15 W
• at 60 °C after startup	15 W
power loss [W] at AC at current limitation 350 %	
• at 40 °C during startup	210 W
• at 50 °C during startup	178 W

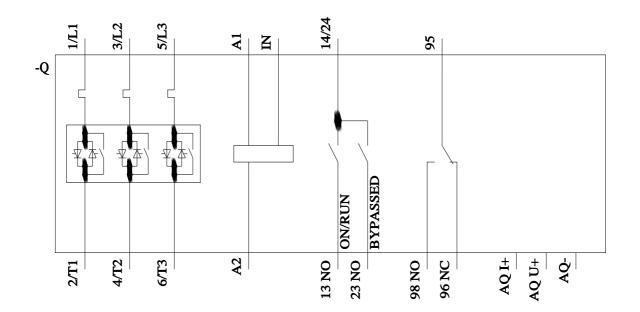
• at 60 °C during startup	161 W			
Control circuit/ Control				
type of voltage of the control supply voltage	AC			
control supply voltage at AC				
• at 50 Hz	110 250 V			
• at 60 Hz	110 250 V			
relative negative tolerance of the control supply voltage at AC at 50 Hz	-15 %			
relative positive tolerance of the control supply voltage at AC at 50 Hz	10 %			
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %			
relative positive tolerance of the control supply voltage at AC at 60 Hz	10 %			
control supply voltage frequency	50 60 Hz			
relative negative tolerance of the control supply voltage frequency	-10 %			
relative positive tolerance of the control supply voltage frequency	10 %			
control supply current in standby mode rated value	30 mA			
holding current in bypass operation rated value	75 mA			
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			
digital output version	2 normally-open contacts (NO) / 1 changeover contact (CO)			
number of analog outputs	1			
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				
mounting position	+/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface			
fastening method	screw fixing			
height	275 mm			
width	170 mm			
depth	152 mm			
required spacing with side-by-side mounting	10 mm			
forwards     backwards	10 mm			
<ul> <li>backwards</li> <li>upwards</li> </ul>	0 mm 100 mm			
downwards	75 mm			
at the side	5 mm			
weight without packaging	2.1 kg			
Connections/ Terminals				
type of electrical connection				
for main current circuit	screw-type terminals			
for control circuit	screw-type terminals			
type of connectable conductor cross-sections				
• for main contacts				
— solid	2x (1.0 2.5 mm²), 2x (2.5 10 mm²)			
<ul> <li>— finely stranded with core end processing</li> </ul>	2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)			
for AWG cables for main current circuit solid	2x (16 12), 2x (14 8)			
type of connectable conductor cross-sections				
for control circuit solid	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)			

<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)		
for AWG cables for control circuit solid	1x (20 12), 2x (20 14)		
wire length			
<ul> <li>between soft starter and motor maximum</li> </ul>	800 m		
<ul> <li>at the digital inputs at AC maximum</li> </ul>	100 m		
tightening torque			
<ul> <li>for main contacts with screw-type terminals</li> </ul>	2 2.5 N·m		
<ul> <li>for auxiliary and control contacts with screw-type</li> </ul>	0.8 1.2 N·m		
terminals			
tightening torque [lbf·in]			
<ul> <li>for main contacts with screw-type terminals</li> </ul>	18 22 lbf·in		
<ul> <li>for auxiliary and control contacts with screw-type terminals</li> </ul>	7 10.3 lbf·in		
Ambient conditions			
	5 000 m Daratian on of 1000 m and patalon		
installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog		
ambient temperature			
during operation	-25 +60 $^\circ\text{C};$ Please observe derating at temperatures of 40 $^\circ\text{C}$ or above		
<ul> <li>during storage and transport</li> </ul>	-40 +80 °C		
environmental category			
<ul> <li>during operation according to IEC 60721</li> </ul>	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2		
	(sand must not get into the devices), 3M6		
<ul> <li>during storage according to IEC 60721</li> </ul>	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4		
<ul> <li>during transport according to IEC 60721</li> </ul>	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)		
Environmental footprint			
Siemens Eco Profile (SEP)	Siemens EcoTech		
EMC emitted interference	acc. to IEC 60947-4-2: Class A		
	acc. to IEC 00947-4-2. Class A		
Communication/ Protocol			
communication module is supported			
PROFINET standard	Yes		
EtherNet/IP	Yes		
Modbus RTU	Yes		
Modbus TCP	Yes		
Modbus TCP	Yes		
Modbus TCP     PROFIBUS	Yes		
Modbus TCP     PROFIBUS UL/CSA ratings	Yes		
Modbus TCP     PROFIBUS UL/CSA ratings manufacturer's article number	Yes		
Modbus TCP     PROFIBUS UL/CSA ratings manufacturer's article number     of circuit breaker usable for Standard Faults	Yes Yes		
Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker usable for Standard Faults     — at 460/480 V according to UL	Yes Yes Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA		
Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number      of circuit breaker usable for Standard Faults     — at 460/480 V according to UL     — 60/480 V according to UL	Yes Yes Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA		
Modbus TCP     PROFIBUS  UL/CSA ratings  UL/CSA ratice number      of circuit breaker usable for Standard Faults          — at 460/480 V according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL          — 60/480 V at inside-delta circuit according to UL	Yes Yes Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA		
Modbus TCP     PROFIBUS  UL/CSA ratings  UL/CSA ratings  anufacturer's article number      of circuit breaker usable for Standard Faults      - at 460/480 V according to UL      - 60/480 V at inside-delta circuit according to UL      - at 460/480 V at inside-delta circuit according to UL      - at 575/600 V according to UL	Yes Yes Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA		
Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker usable for Standard Faults         — at 460/480 V according to UL         — at 460/480 V according to UL         — at 460/480 V at inside-delta circuit according to UL         — at 460/480 V at inside-delta circuit according to UL         — at 575/600 V according to UL         — at 575/600 V at inside-delta circuit according to UL	Yes Yes Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA		
Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number      of circuit breaker usable for Standard Faults         — at 460/480 V according to UL         — at 460/480 V according to UL         — at 460/480 V at inside-delta circuit according to UL         — at 460/480 V at inside-delta circuit according to UL         — at 575/600 V at inside-delta circuit according to V at inside	Yes Yes Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA		
Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker usable for Standard Faults         — at 460/480 V according to UL         — at 460/480 V according to UL         — at 460/480 V at inside-delta circuit according to UL         — at 460/480 V at inside-delta circuit according to UL         — at 575/600 V according to UL         — at 575/600 V at inside-delta circuit according to UL	Yes Yes Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA		
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Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number      of circuit breaker usable for Standard Faults         at 460/480 V according to UL         at 460/480 V according to UL         at 460/480 V at inside-delta circuit according to UL         at 460/480 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V at inside-delta circuit according to UL         at 575/600 V	Yes Yes Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA		
Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number      of circuit breaker usable for Standard Faults         — at 460/480 V according to UL         — at 460/480 V according to UL         — at 460/480 V at inside-delta circuit according to UL         — at 460/480 V at inside-delta circuit according to UL         — at 575/600 V at inside-delta circuit according to UL         — at 575/600 V at inside-delta circuit according to UL         — at 575/600 V at inside-delta circuit according to UL         — at 575/600 V at inside-delta circuit according to UL         — usable for Standard Faults up to 575/600 V         according to UL         — usable for High Faults up to 575/600 V according to         UL         — usable for Standard Faults at inside-delta circuit up	Yes Yes Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA		
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Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number      of circuit breaker usable for Standard Faults         — at 460/480 V according to UL         — at 460/480 V according to UL         — at 460/480 V at inside-delta circuit according to UL         — at 460/480 V at inside-delta circuit according to UL         — at 575/600 V at inside-delta circuit according to UL         — at 575/600 V at inside-delta circuit according to UL         — at 575/600 V at inside-delta circuit according to UL         — at 575/600 V at inside-delta circuit according to UL         — at 575/600 V at inside-delta circuit according to UL         — usable for Standard Faults up to 575/600 V         according to UL         — usable for High Faults up to 575/600 V according to         UL         — usable for Standard Faults at inside-delta circuit up         to 575/600 V according to UL         — 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         — usable for High 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         — usable for High 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         — usable for High 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         — usable for High 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         — usable for High 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	Yes Yes Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA Type: Class J / L, max. 50 A; lq = 100 kA		
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Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number      of circuit breaker usable for Standard Faults         — at 460/480 V according to UL         — at 460/480 V according to UL         — at 460/480 V at inside-delta circuit according to UL         — at 460/480 V at inside-delta circuit according to UL         — at 460/480 V at inside-delta circuit according to UL         — at 575/600 V according to UL         — at 575/600 V at inside-delta circuit according to UL         — at 575/600 V at inside-delta circuit according to UL         — usable for Standard Faults up to 575/600 V         according to UL         — usable for Standard Faults up to 575/600 V         according to UL         — usable for Standard Faults at inside-delta circuit up         to 575/600 V according to UL         — usable for Standard Faults at inside-delta circuit up         to 575/600 V according to UL         — 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         — usable for High 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         — usable for High 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         — usable for High 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         — usable for High 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         — usable for High Faults at inside-delta circuit up         to 575/600 V according to UL         — usable for High Faults at inside-delta circuit up	Yes Yes Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 100 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA		
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<ul> <li>Modbus TCP</li> <li>PROFIBUS</li> <li>UL/CSA ratings</li> <li>manufacturer's article number <ul> <li>of circuit breaker usable for Standard Faults</li> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>60/480 V at inside-delta circuit according to UL</li> <li>at 575/600 V according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>at 200/208 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> </ul> </li> </ul>	Yes Yes Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 30 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 40 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 5 kA Type: Class RK5 / K5, max. 50 A; lq = 100 kA Type: Class J / L, max. 50 A; lq = 100 kA Type: Class J / L, max. 50 A; lq = 100 kA		
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Approvals Certificates						
General Product App	roval					
<u>Confirmation</u>	UK CA	CE EG-Konf.			EHC	
EMV		Test Certificates	Marine / Shipping			
RCM	KC	Type Test Certific- ates/Test Report	ABS	B U R E A U VERITAS	Lloyd's Kegister uts	
Marine / Shipping	other	Environment				
PRS	<u>Confirmation</u>	Siemens EcoTech	EPD	Environmental Con- firmations		
Further information						
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=3RW5213-1AC14 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5213-1AC14 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RW5213-1AC14 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5213-1AC14⟨=en Characteristic: Tripping characteristics, I*t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RW5213-1AC14/char Characteristic: Installation altitude http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5213-1AC14&lobjecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS) https://support.industry.siemens.com/bildb/index.aspx?view/101494917						







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