SIEMENS

Data sheet

3RW5216-1AC14



SIRIUS soft starter 200-480 V 32 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	
 of standard HMI module usable 	<u>3RW5980-0HS00</u>
 of high feature HMI module usable 	<u>3RW5980-0HF00</u>
 of communication module PROFINET standard usable 	<u>3RW5980-0CS00</u>
 of communication module PROFIBUS usable 	<u>3RW5980-0CP00</u>
 of communication module Modbus TCP usable 	<u>3RW5980-0CT00</u>
 of communication module Modbus RTU usable 	<u>3RW5980-0CR00</u>
 of communication module Ethernet/IP 	<u>3RW5980-0CE00</u>
 of circuit breaker usable at 400 V 	3RV2032-4VA10; Type of coordination 1, Iq = 65 kA, CLASS 10
 of circuit breaker usable at 500 V 	3RV2032-4VA10; Type of coordination 1, Iq = 10 kA, CLASS 10
 of circuit breaker usable at 400 V at inside-delta circuit 	3RV2032-4JA10; Type of coordination 1, Iq = 65 kA, CLASS 10
 of circuit breaker usable at 500 V at inside-delta circuit 	3RV2032-4JA10; Type of coordination 1, Iq = 10 kA, CLASS 10
 of the gG fuse usable up to 690 V 	<u>3NA3824-6; Type of coordination 1, Iq = 65 kA</u>
 of the gG fuse usable at inside-delta circuit up to 500 V 	<u>3NA3824-6; Type of coordination 1, Iq = 65 kA</u>
 of full range R fuse link for semiconductor protection usable up to 690 V 	<u>3NE1818-0; Type of coordination 2, Iq = 65 kA</u>
 of back-up R fuse link for semiconductor protection usable up to 690 V 	<u>3NE8022-1; Type of coordination 2, Iq = 65 kA</u>
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

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
buffering time in the event of power failure	

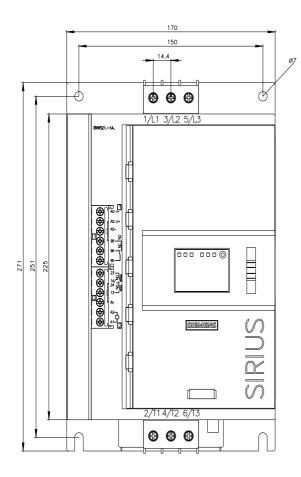
• for main current circuit	100 ms
for control circuit	100 ms
insulation voltage rated value	600 V
degree of pollution	3, acc. to IEC 60947-4-2
impulse voltage rated value	6 kV
blocking voltage of the thyristor maximum	1 600 V
service factor	1
surge voltage resistance rated value	6 kV
maximum permissible voltage for protective separation	0 KV
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
	Q
reference code according to IEC 81346-2	02/15/2018
Substance Prohibitance (Date) SVHC substance name	Lead - 7439-92-1
	Lead - 7439-52-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 1,6,7,8,9,14,15,16,17,17,18,18- Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) covering any of its individual anti- and syn-isomers or any combination thereof Dibutylbis(pentane-2,4-dionato-O,O')tin - 22673-19-4 Dodecamethylcyclohexasiloxane (D6) - 540-97-6 Diboron trioxide - 1303-86-2
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; Electronic motor overload protection
 evaluation of thermistor motor protection 	No
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	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature HMI)
Power Electronics	
operational current	
• at 40 °C rated value	32 A
• at 50 °C rated value	28.4 A
• at 60 °C rated value	26 A
operational current at inside-delta circuit	
• at 40 °C rated value	55.4 A
• at 50 °C rated value	49 A
• at 60 °C rated value	45 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 %

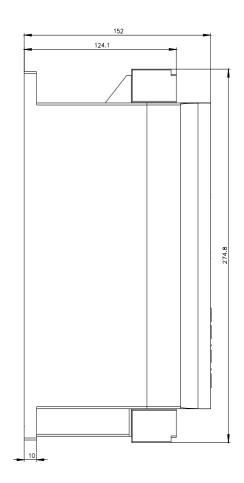
relative positive tolerance of the operating voltage at inside-delta circuit	10 %
operating power for 3-phase motors	
• at 230 V at 40 °C rated value	7.5 kW
 at 230 V at inside-delta circuit at 40 °C rated value 	15 kW
 at 400 V at 40 °C rated value 	15 kW
 at 400 V at inside-delta circuit at 40 °C rated value 	22 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 	14 A
 at rotary coding switch on switch position 2 	15.2 A
 at rotary coding switch on switch position 3 	16.4 A
 at rotary coding switch on switch position 4 	17.6 A
 at rotary coding switch on switch position 5 	18.8 A
 at rotary coding switch on switch position 6 	20 A
 at rotary coding switch on switch position 7 	21.2 A
 at rotary coding switch on switch position 8 	22.4 A
 at rotary coding switch on switch position 9 	23.6 A
 at rotary coding switch on switch position 10 	24.8 A
 at rotary coding switch on switch position 11 	26 A
 at rotary coding switch on switch position 12 	27.2 A
 at rotary coding switch on switch position 13 	28.4 A
 at rotary coding switch on switch position 14 	29.6 A
 at rotary coding switch on switch position 15 	30.8 A
 at rotary coding switch on switch position 16 	32 A
• minimum	14 A
adjustable motor current	
 for inside-delta circuit at rotary coding switch on switch position 1 	24.2 A
 for inside-delta circuit at rotary coding switch on switch position 2 	26.3 A
 for inside-delta circuit at rotary coding switch on switch position 3 	28.4 A
 for inside-delta circuit at rotary coding switch on switch position 4 	30.5 A
 for inside-delta circuit at rotary coding switch on switch position 5 	32.6 A
 for inside-delta circuit at rotary coding switch on switch position 6 	34.6 A
 for inside-delta circuit at rotary coding switch on switch position 7 	36.7 A
• for inside-delta circuit at rotary coding switch on switch position 8	38.8 A
 for inside-delta circuit at rotary coding switch on switch position 9 	40.9 A
 for inside-delta circuit at rotary coding switch on switch position 10 	43 A
• for inside-delta circuit at rotary coding switch on switch position 11	45 A
• for inside-delta circuit at rotary coding switch on switch position 12	47.1 A
• for inside-delta circuit at rotary coding switch on switch position 13	49.2 A
 for inside-delta circuit at rotary coding switch on switch position 14 	51.3 A
 for inside-delta circuit at rotary coding switch on switch position 15 for inside delta circuit at ratery coding switch on switch 	53.3 A
 for inside-delta circuit at rotary coding switch on switch position 16 at inside delta circuit minimum 	55.4 A
at inside-delta circuit minimum	24.2 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	00 W
 at 40 °C after startup 	22 W

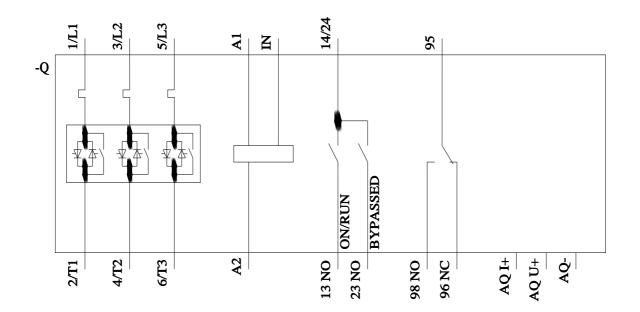
• at 50 °C after startup	21 W
• at 60 °C after startup	20 W
power loss [W] at AC at current limitation 350 %	
 at 40 °C during startup 	531 W
• at 50 °C during startup	449 W
• at 60 °C during startup	395 W
Control circuit/ Control	
	AC
type of voltage of the control supply voltage	
control supply voltage 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	-10 %
frequency	
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
	2
not parameterizable	-
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	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
fastening method	screw fixing
height	275 mm
	27511111
width	170 mm
width depth	
	170 mm
depth	170 mm
depth required spacing with side-by-side mounting	170 mm 152 mm
depth required spacing with side-by-side mounting • forwards • backwards	170 mm 152 mm 10 mm
depth required spacing with side-by-side mounting • forwards • backwards • upwards	170 mm 152 mm 10 mm 0 mm 100 mm
depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards	170 mm 152 mm 10 mm 0 mm 100 mm 75 mm
depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side	170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm
depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging	170 mm 152 mm 10 mm 0 mm 100 mm 75 mm
depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals	170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm
depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection	170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg
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	170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg
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	170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg
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	170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg

— solid	2x (1.0 2.5 mm²), 2x (2.5 10 mm²)
 — finely stranded with core end processing 	2x (1.0 2.5 mm ²), 2x (2.5 10 mm ²)
for AWG cables for main current circuit solid	2x (16 12), 2x (14 8)
type of connectable conductor cross-sections	
for control circuit solid	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)
 for control circuit finely stranded with core end processing 	1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²)
for AWG cables for control circuit solid	1x (20 12), 2x (20 14)
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 	2 2.5 N·m
 for auxiliary and control contacts with screw-type terminals 	0.8 1.2 N·m
tightening torque [lbf·in]	
for main contacts with screw-type terminals	18 22 lbf in
 for auxiliary and control contacts with screw-type 	7 10.3 lbf in
terminals	
Ambient conditions	
installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
ambient temperature	
 during operation 	-25 +60 °C; Please observe derating at temperatures of 40 °C or above
during storage and transport	-40 +80 °C
environmental category	
 during operation according to IEC 60721 	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6
 during storage according to IEC 60721 	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
during transport according to IEC 60721	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)
Environmental footprint	
Siemens Eco Profile (SEP)	Siemens EcoTech
EMC emitted interference	acc. to IEC 60947-4-2: Class A
	au. IU IEU UU347-4-2. UIASS A
Communication/ Protocol	au. 10 100 00347-4-2. Ulass A
Communication/ Protocol communication module is supported	
Communication/ Protocol communication module is supported • PROFINET standard	Yes
Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP	Yes Yes
Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU	Yes Yes Yes
Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus TCP	Yes Yes Yes Yes
Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS	Yes Yes Yes
Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS UL/CSA ratings	Yes Yes Yes Yes
Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS UL/CSA ratings manufacturer's article number	Yes Yes Yes Yes
Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS UL/CSA ratings manufacturer's article number • of circuit breaker usable for Standard Faults	Yes Yes Yes Yes Yes
Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • 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 Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA
Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • 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 Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA
Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • 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 — at 460/480 V at inside-delta circuit according to UL	Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max.70 A or 3VA51, max. 100 A; lq = 5 kA
Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • 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 — at 460/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL	Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A; lq max = 65 kA
Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • 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 — at 460/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — at 575/600 V according to UL	Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA
Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • 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 — at 460/480 V at inside-delta circuit according to UL — 60/480 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 Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A; lq max = 65 kA
Communication / Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • 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 — at 460/480 V at inside-delta circuit according to UL — 60/480 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 — 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	Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA
Communication / Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • 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 — at 460/480 V at inside-delta circuit according to UL — 60/480 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	Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA
Communication / Protocol communication module is supported PROFINET standard EtherNet/IP Modbus RTU 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 - 60/480 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 - at 575/600 V at inside-delta circuit according to UL - usable for Standard Faults up to 575/600 V - usable for High Faults up to 575/600 V according to UL - usable for Standard Faults at inside-delta circuit up	Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max.70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA
Communication / Protocol communication module is supported PROFINET standard EtherNet/IP Modbus RTU 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 - at 460/480 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 - 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 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 High Faults at inside-delta circuit up to 575/600 V according to UL - usable for High Faults at inside-delta circuit up to	Yes Yes Yes Yes Yes Siemens type: $3RV2742$, max. 70 A or $3VA51$, max. 100 A; lq = 5 kA Siemens type: $3RV2742$, max.40 A or $3VA51$, max. 60 A; lq max = 65 kA Siemens type: $3RV2742$, max.40 A or $3VA51$, max. 60 A; lq max = 65 kA Siemens type: $3RV2742$, max.70 A or $3VA51$, max. 100 A; lq = 5 kA Siemens type: $3VA51$, max. 60 A; lq max = 65 kA Siemens type: $3RV2742$, max.70 A or $3VA51$, max. 100 A; lq = 5 kA Siemens type: $3RV2742$, max. 70 A or $3VA51$, max. 100 A; lq = 5 kA Siemens type: $3RV2742$, max. 70 A or $3VA51$, max. 100 A; lq = 5 kA Type: Class RK5 / K5, max. 125 A; lq = 5 kA Type: Class J / L, max. 125 A; lq = 100 kA
Communication / Protocol communication module is supported PROFINET standard EtherNet/IP Modbus RTU 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 - at 460/480 V at inside-delta circuit according to UL - 60/480 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 - 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	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
Communication / Protocol communication module is supported PROFINET standard EtherNet/IP Modbus RTU Modbus RTU 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 - 60/480 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 - 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 High Faults at inside-delta circuit up to 575/600 V according to UL	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
Communication / Protocol communication module is supported PROFINET standard EtherNet/IP Modbus RTU Modbus RTU 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 - 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 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	Yes Yes Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max.70 A or 3VA51, max. 100 A; lq = 5 kA Type: Class RK5 / K5, max. 125 A; lq = 5 kA Type: Class RK5 / K5, max. 125 A; lq = 5 kA Type: Class RK5 / K5, max. 125 A; lq = 5 kA Type: Class SK5 / K5, max. 125 A; lq = 100 kA
Communication / Protocol communication module is supported PROFINET standard EtherNet/IP Modbus RTU 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 60/480 V at inside-delta circuit according to UL 60/480 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 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 High Faults at inside-delta circuit up to 575/600 V according to UL according to UL by according to UL according to UL by according to UL according to UL by according to UL comparet (hp] for 3-phase motors by at 200/208 V at 50 °C rated value	Yes Yes Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Type: Class RK5 / K5, max. 125 A; lq = 5 kA Type: Class RK5 / K5, max. 125 A; lq = 5 kA Type: Class RK5 / K5, max. 125 A; lq = 100 kA Type: Class J / L, max. 125 A; lq = 100 kA Type: Class J / L, max. 125 A; lq = 100 kA
Communication / Protocol communication module is supported PROFINET standard EtherNet/IP Modbus RTU 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 60/480 V at inside-delta circuit 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 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 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 High Faults up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL according to UL by according to UL according to UL by according to UL coperating power [hp] for 3-phase motors at 220/230 V at 50 °C rated value by at 220/230 V at 50 °C rated value	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes

+ 460/490 \/ -+ iv	nside-delta circuit at 50 °0		20 hr		
			30 hp R300-B300		
-	liary contacts according		K300-B300		
Electrical Safety	the front according to	EC 60529	IP20		
•	the front according to the front according to IE			t from the front	
•	te front according to iEv	60529	finger-safe, for vertical contac	ct from the from	
Approvals Certificates					
General Product App	roval				
SP	CE	UK CA	<u>Confirmation</u>		(UL)
CSA	EG-Konf.	СН		ccc	UL
General Product Approval	EMV		Test Certificates	Marine / Shipping	
EAC	RCM	KC	Type Test Certific- ates/Test Report	ABS	B UREAU VERITAS
Marine / Shipping		other	Environment		
Marine / Shipping	PRS	other Confirmation	Siemens EcoTech	EPD	Environmental Con- firmations
Loyds Lis Further information	PRS		Siemens	EPD	
Lus Further information	Ckaging .siemens.com/cs/ww/en/v	<u>Confirmation</u>	Siemens	EPD	
Further information Information on the par https://support.industry. Information- and Dow	.siemens.com/cs/ww/en/v nloadcenter (Catalogs,	Confirmation	Siemens	EPD	
Eurther information	siemens.com/cs/ww/en/v nloadcenter (Catalogs, pm/ic10	Confirmation	Siemens	EPD	
Further information Information on the part https://support.industry. Information- and Dow https://www.siemens.co Industry Mall (Online of	siemens.com/cs/ww/en/v nloadcenter (Catalogs, pm/ic10	<u>Confirmation</u> iew/109813875 Brochures,)	Siemens EcoTech	EPD	
Eurther information Information on the part https://support.industry. Information- and Dow https://www.siemens.co Industry Mall (Online of https://mall.industry.sier Cax online generator	siemens.com/cs/ww/en/v nloadcenter (Catalogs, om/ic10 ordering system) mens.com/mall/en/en/Cat	Confirmation iew/109813875 Brochures,) alog/product?mlfb=3	Siemens EcoTech	EPD	
Eurther information Information on the part https://support.industry. Information- and Dow https://www.siemens.co Industry Mall (Online of https://mall.industry.sier Cax online generator http://support.automatic	siemens.com/cs/ww/en/v nloadcenter (Catalogs, om/ic10 ordering system) mens.com/mall/en/en/Cat on.siemens.com/WW/CA>	Confirmation iew/109813875 Brochures,) alog/product?mlfb=3i	Siemens EcoTech RW5216-1AC14 ang=en&mlfb=3RW5216-1AC	EPD	
Eurther information Information on the part https://support.industry. Information- and Dow https://www.siemens.co Industry Mall (Online of https://wall.industry.sier Cax online generator http://support.automatic Service&Support (Mar	siemens.com/cs/ww/en/v nloadcenter (Catalogs, om/ic10 ordering system) mens.com/mall/en/en/Cat	<u>Confirmation</u> iew/109813875 Brochures,) alog/product?mlfb=3 (order/default.aspx?la racteristics, FAQs,	Siemens EcoTech RW5216-1AC14 ang=en&mlfb=3RW5216-1AC	EPD	
Eurther information Information on the part https://support.industry. Information- and Dow https://www.siemens.cc Industry Mall (Online of https://mall.industry.sier Cax online generator http://support.automatic Service&Support (Mar https://support.industry. Image database (prod	siemens.com/cs/ww/en/v nloadcenter (Catalogs, om/ic10 ordering system) mens.com/mall/en/en/Cat on.siemens.com/WW/CA> nuals, Certificates, Char siemens.com/cs/ww/en/p	<u>Confirmation</u> <u>iew/109813875</u> Brochures,) alog/product?mlfb=3l (order/default.aspx?la acteristics, FAQs, s/3RW5216-1AC14 on drawings, 3D mc	Siemens EcoTech RW5216-1AC14 ang=en&mlfb=3RW5216-1AC) odels, device circuit diagrar		
Eurther information Information on the part https://support.industry. Information- and Dow https://www.siemens.cc Industry Mall (Online of https://mall.industry.sier Cax online generator http://support.automatic Service&Support (Mar https://support.industry. Image database (prod http://www.automation.s Characteristic: Trippin	siemens.com/cs/ww/en/v nloadcenter (Catalogs, om/ic10 ordering system) mens.com/mall/en/en/Cat on.siemens.com/WW/CA> nuals, Certificates, Char siemens.com/cs/ww/en/p luct images, 2D dimensi siemens.com/bilddb/cax ng characteristics, I²t, Lu	<u>Confirmation</u> <u>iew/109813875</u> Brochures,) alog/product?mlfb=3l (order/default.aspx?li acteristics, FAQs, s/3RW5216-1AC14 on drawings, 3D mc de.aspx?mlfb=3RW5 et-through current	Siemens EcoTech RW5216-1AC14 ang=en&mlfb=3RW5216-1AC) odels, device circuit diagrar 216-1AC14⟨=en		
Eurther information Information on the part https://support.industry. Information- and Dow https://www.siemens.cc Industry Mall (Online of https://mall.industry.sier Cax online generator http://support.automatic Service&Support (Mar https://support.industry. Image database (prod http://www.automation.s Characteristic: Trippin https://support.industry.	siemens.com/cs/ww/en/v nloadcenter (Catalogs, om/ic10 ordering system) mens.com/mall/en/en/Cat on.siemens.com/WW/CA2 nuals, Certificates, Char siemens.com/cs/ww/en/p luct images, 2D dimensi siemens.com/bilddb/cax ng characteristics, I²t, Lu siemens.com/cs/ww/en/p	<u>Confirmation</u> <u>iew/109813875</u> Brochures,) alog/product?mlfb=3l (order/default.aspx?li acteristics, FAQs, s/3RW5216-1AC14 on drawings, 3D mc de.aspx?mlfb=3RW5 et-through current	Siemens EcoTech RW5216-1AC14 ang=en&mlfb=3RW5216-1AC) odels, device circuit diagrar 216-1AC14⟨=en		
Every construction of the service & Support industry. Information on the part https://support.industry. Information- and Dow https://www.siemens.cc/ Industry Mall (Online of https://www.siemens.cc/ Industry Mall (Online of https://support.automatic Service & Support (Mar https://support.automatic Service & Support (Mar https://support.industry. Image database (prod http://www.automation.sc/ Characteristic: Trippir https://support.industry.	siemens.com/cs/ww/en/v nloadcenter (Catalogs, om/ic10 ordering system) mens.com/mall/en/en/Cat on.siemens.com/WW/CA) nuals, Certificates, Char siemens.com/cs/ww/en/p luct images, 2D dimensi siemens.com/bilddb/cax, ng characteristics, I ² t, Lt siemens.com/cs/ww/en/p ation altitude	<u>Confirmation</u> <u>iew/109813875</u> Brochures,) alog/product?mlfb=31 <u>corder/default.aspx?la</u> <u>corder/default.aspx?la</u> <u>corder/default.aspx?la</u> <u>corder/default.aspx?la</u> <u>corder/default.aspx?la</u> <u>corder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la</u> <u>sorder/default.aspx?la}</u>	Siemens EcoTech RW5216-1AC14 ang=en&mlfb=3RW5216-1AC) odels, device circuit diagrar 216-1AC14⟨=en	ns, EPLAN macros,)	firmations
Every construction of the service & Support industry. Information on the part https://support.industry. Information- and Dow https://www.siemens.co Industry Mall (Online of https://www.siemens.co Industry Mall (Online of https://support.automatic Service & Support (Mar https://support.automatic Service & Support (Mar https://support.industry. Image database (prod http://www.automation.sc Characteristic: Trippir https://support.industry. Characteristic: Installa http://www.automation.sc Simulation Tool for So	siemens.com/cs/ww/en/v nloadcenter (Catalogs, om/ic10 ordering system) mens.com/mall/en/en/Cat on.siemens.com/WW/CA2 nuals, Certificates, Char siemens.com/cs/ww/en/p luct images, 2D dimensi siemens.com/bilddb/cax_ ng characteristics, I²t, Lu siemens.com/cs/ww/en/p ation altitude siemens.com/bilddb/inde2	Confirmation iew/109813875 Brochures,) alog/product?mlfb=31 corder/default.aspx?la corder/default.aspx?la corder/default.aspx?la corder/default.aspx?la corder/default.aspx?la s/3RW5216-1AC14/c de.aspx?mlfb=3RW5 et-through current s/3RW5216-1AC14/c c.aspx?view=Search&	Siemens EcoTech RW5216-1AC14 ang=en&mlfb=3RW5216-1AC) odels, device circuit diagrar 216-1AC14⟨=en char	ns, EPLAN macros,)	firmations







4/19/2024 🖸