## **SIEMENS**

product brand name

Data sheet 3RW5215-1AC14

SIRIUS



SIRIUS soft starter 200-480 V 25 A, 110-250 V AC Screw terminals Analog output



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
<ul> <li>of communication module PROFINET standard usable</li> </ul>	3RW5980-0CS00
<ul> <li>of communication module PROFIBUS usable</li> </ul>	3RW5980-0CP00
<ul> <li>of communication module Modbus TCP usable</li> </ul>	3RW5980-0CT00
<ul> <li>of communication module Modbus RTU usable</li> </ul>	3RW5980-0CR00
<ul> <li>of communication module Ethernet/IP</li> </ul>	3RW5980-0CE00
<ul> <li>of circuit breaker usable at 400 V</li> </ul>	3RV2032-4EA10; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3RV2032-4EA10; Type of coordination 1, Iq = 15 kA, CLASS 10
• of circuit breaker usable at 400 V at inside-delta circuit	3RV2032-4VA10; Type of coordination 1, Iq = 65 kA, CLASS 10
• of circuit breaker usable at 500 V at inside-delta circuit	3RV2032-4VA10; Type of coordination 1, Iq = 15 kA, CLASS 10
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	3NA3822-6; Type of coordination 1, Iq = 65 kA
• of the gG fuse usable at inside-delta circuit up to 500 V	3NA3822-6; Type of coordination 1, Iq = 65 kA
• of full range R fuse link for semiconductor protection usable up to 690 V	3NE1817-0; Type of coordination 2, Iq = 65 kA
<ul> <li>of back-up R fuse link for semiconductor protection usable up to 690 V</li> </ul>	3NE8021-1; 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	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	
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 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
<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
communication function	Yes
operating measured value display	Yes; Only in conjunction with special accessories
<ul><li>error logbook</li><li>via software parameterizable</li></ul>	Yes; Only in conjunction with special accessories  No
via software parameterizable     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	25 A
at 50 °C rated value	22.3 A
at 60 °C rated value	19.6 A
operational current at inside-delta circuit	
at 40 °C rated value	43.3 A
• at 50 °C rated value	39 A
at 60 °C rated value	33.9 A
operating voltage	
rated value	200 480 V
at inside-delta circuit rated value	200 480 V
relative negative tolerance of the operating voltage	-15 %
relative positive tolerance of the operating voltage	10 %
relative negative tolerance of the operating voltage at inside-delta circuit	-15 % 
relative positive tolerance of the operating voltage at inside-delta circuit	10 %
operating power for 3-phase motors  ● at 230 V at 40 °C rated value	5.5 kW

at 220 V at incide dalla alculut at 40 00	44 144
• at 230 V at inside-delta circuit at 40 °C rated value	11 kW
• at 400 V at 40 °C rated value	11 kW
at 400 V at inside-delta circuit at 40 °C rated value	18.5 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	
<ul> <li>at rotary coding switch on switch position 1</li> </ul>	11.5 A
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	12.4 A
at rotary coding switch on switch position 3	13.3 A
at rotary coding switch on switch position 4	14.2 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	15.1 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	16 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	16.9 A
<ul> <li>at rotary coding switch on switch position 8</li> </ul>	17.8 A
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	18.7 A
at rotary coding switch on switch position 10	19.6 A
at rotary coding switch on switch position 11	20.5 A
at rotary coding switch on switch position 12	21.4 A
at rotary coding switch on switch position 13	22.3 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	23.2 A
at rotary coding switch on switch position 15	24.1 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	25 A
• minimum	11.5 A
adjustable motor current	
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> </ul>	19.9 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>	21.5 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>	23 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>	24.6 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> </ul>	26.2 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> </ul>	27.7 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> </ul>	29.3 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 8</li> </ul>	30.8 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 9</li> </ul>	32.4 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> </ul>	33.9 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 11</li> </ul>	35.5 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 12</li> </ul>	37.1 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 13</li> </ul>	38.6 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> </ul>	40.2 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 15</li> </ul>	41.7 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> </ul>	43.3 A
at inside-delta circuit minimum	19.9 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	20 W
• at 50 °C after startup	19 W
at 60 °C after startup	18 W
power loss [W] at AC at current limitation 350 %	
at 40 °C during startup	376 W

at 50 °C during startup	318 W
• at 60 °C during startup	278 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)
digital output version number of analog outputs	
digital output version number of analog outputs switching capacity current of the relay outputs	2 normally-open contacts (NO) / 1 changeover contact (CO) 1
digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value	2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A
digital output version number of analog outputs switching capacity current of the relay outputs  • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value	2 normally-open contacts (NO) / 1 changeover contact (CO) 1
digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A
digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface
digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing
digital output version number of analog outputs  switching capacity current of the relay outputs  • at AC-15 at 250 V rated value  • at DC-13 at 24 V rated value  Installation/ mounting/ dimensions  mounting position  fastening method height	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm
digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing  275 mm  170 mm
digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm
digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing  275 mm  170 mm
digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing  275 mm  170 mm  152 mm
digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing 275 mm 170 mm 152 mm
digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 10° rotation possible and can be tilted forward or backward on vertical mounting surface screw fixing  275 mm  170 mm  152 mm  0 mm
digital output version number of analog outputs  switching capacity current of the relay outputs  • at AC-15 at 250 V rated value  • at DC-13 at 24 V rated value  Installation/ mounting/ dimensions  mounting position  fastening method height width depth required spacing with side-by-side mounting  • forwards  • backwards  • upwards	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 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
digital output version number of analog outputs  switching capacity current of the relay outputs  • at AC-15 at 250 V rated value  • at DC-13 at 24 V rated value  Installation/ mounting/ dimensions  mounting position  fastening method height width depth required spacing with side-by-side mounting  • forwards • backwards • upwards • downwards	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 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
digital output version number of analog outputs  switching capacity current of the relay outputs  • at AC-15 at 250 V rated value  • at DC-13 at 24 V rated value  Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting  • forwards  • backwards  • upwards  • downwards  • at the side	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 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
digital output version number of analog outputs  switching capacity current of the relay outputs  • at AC-15 at 250 V rated value  • at DC-13 at 24 V rated value  Installation/ mounting/ dimensions  mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side  weight without packaging	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 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
digital output version number of analog outputs  switching capacity current of the relay outputs  • at AC-15 at 250 V rated value  • at DC-13 at 24 V rated value  Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting  • forwards  • backwards  • upwards  • at the side  weight without packaging  Connections/ Terminals  type of electrical connection  • for main current circuit	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 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
digital output version number of analog outputs  switching capacity current of the relay outputs  • at AC-15 at 250 V rated value  • at DC-13 at 24 V rated value  Installation/ mounting/ dimensions  mounting position  fastening method height width depth required spacing with side-by-side mounting  • forwards  • backwards  • upwards  • downwards  • at the side  weight without packaging  Connections/ Terminals  type of electrical connection  • for main current circuit  • for control circuit	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 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 5 mm 2.1 kg
digital output version number of analog outputs  switching capacity current of the relay outputs  • at AC-15 at 250 V rated value  • at DC-13 at 24 V rated value  Installation/ mounting/ dimensions  mounting position  fastening method height width depth required spacing with side-by-side mounting  • forwards  • backwards  • upwards  • downwards  • at the side  weight without packaging  Connections/ Terminals  type of electrical connection  • for main current circuit  • for control circuit  type of connectable conductor cross-sections	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 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
digital output version number of analog outputs  switching capacity current of the relay outputs  • at AC-15 at 250 V rated value  • at DC-13 at 24 V rated value  Installation/ mounting/ dimensions  mounting position  fastening method height width depth required spacing with side-by-side mounting  • forwards  • backwards  • upwards  • downwards  • at the side  weight without packaging  Connections/ Terminals  type of electrical connection  • for control circuit  • for connectable conductor cross-sections  • for main contacts	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 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
digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging  Connections/ Terminals type of electrical connection • for main current circuit • for control circuit type of connectable conductor cross-sections • for main contacts — solid	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 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  screw-type terminals  2x (1.0 2.5 mm²), 2x (2.5 10 mm²)
digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit  type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 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 screw-type terminals  2x (1.0 2.5 mm²), 2x (2.5 10 mm²)  2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)
digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging  Connections/ Terminals type of electrical connection • for main current circuit • for control circuit type of connectable conductor cross-sections • for main contacts — solid	2 normally-open contacts (NO) / 1 changeover contact (CO)  1  3 A  1 A  +/- 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  screw-type terminals  screw-type terminals

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)
<ul> <li>for AWG cables for control circuit solid</li> </ul>	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	
for main contacts with screw-type terminals	2 2.5 N·m
	0.8 1.2 N·m
<ul> <li>for auxiliary and control contacts with screw-type terminals</li> </ul>	0.0 1.2 IVIII
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	7 10.0 (0) (1)
Ambient conditions	
installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
ambient temperature	o ooo iii, belaaliig ac or rooc iii, ooc calalog
•	25 ±60 °C: Please observe denating at temporatures of 40 °C or above
during operation     during storage and transport	-25 +60 °C; Please observe derating at temperatures of 40 °C or above
during storage and transport	-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
during atomic property of LEO 00704	
<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	LIVE, 201, 201, ZIVIZ (IIIAX. IAII HEIGHT U.J III)
	0. 5.7.1
Siemens Eco Profile (SEP)	Siemens EcoTech
EMC emitted interference	acc. to IEC 60947-4-2: Class A
Communication/ Protocol	
communication module is supported	
<ul> <li>PROFINET standard</li> </ul>	Yes
<ul><li>EtherNet/IP</li></ul>	Yes
Modbus RTU	Yes
Modbus TCP	Yes
PROFIBUS	Yes
UL/CSA ratings	
manufacturer's article number	
of circuit breaker usable for Standard Faults	0
— at 460/480 V according to UL	Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA
— 60/480 V according to UL	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; Iq max = 65 kA
<ul> <li>— at 460/480 V at inside-delta circuit according to UL</li> </ul>	Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA
<ul> <li>— 60/480 V at inside-delta circuit according to UL</li> </ul>	Siemens type: 3VA51, max. 60 A; Iq max = 65 kA
— at 575/600 V according to UL	Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA
— at 575/600 V at inside-delta circuit according to UL	Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA
• of the fuse	
<ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> </ul>	Type: Class RK5 / K5, max. 100 A; Iq = 5 kA
<ul> <li>usable for High Faults up to 575/600 V according to UL</li> </ul>	Type: Class J / L, max. 100 A; Iq = 100 kA
<ul> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> </ul>	Type: Class RK5 / K5, max. 100 A; Iq = 5 kA
<ul> <li>usable for High Faults at inside-delta circuit up to 575/600 V according to UL</li> </ul>	Type: Class J / L, max. 100 A; Iq = 100 kA
operating power [hp] for 3-phase motors	
<ul> <li>at 200/208 V at 50 °C rated value</li> </ul>	5 hp
• at 220/230 V at 50 °C rated value	7.5 hp
• at 460/480 V at 50 °C rated value	15 hp
at 200/208 V at inside-delta circuit at 50 °C rated value	10 hp
at 220/230 V at inside-delta circuit at 50 °C rated value     at 220/230 V at inside-delta circuit at 50 °C rated value	10 hp
	·
at 460/480 V at inside-delta circuit at 50 °C rated value	25 hp
contact rating of auxiliary contacts according to UL	R300-B300
Electrical Safety	
protection class IP on the front according to IEC 60529	IP20

## **Approvals Certificates**

## **General Product Approval**







Confirmation





**EMV** 

**Test Certificates** 

Marine / Shipping



<u>KC</u>

Type Test Certificates/Test Report







Marine / Shipping

othor

**Environment** 



Confirmation

Siemens EcoTech



Environmental Confirmations

## 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=3RW5215-1AC14

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5215-1AC14

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5215-1AC14

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5215-1AC14\&lang=en}}$ 

Characteristic: Tripping characteristics, I2t, Let-through current

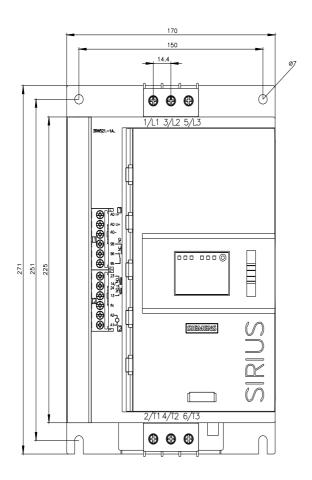
https://support.industry.siemens.com/cs/ww/en/ps/3RW5215-1AC14/char

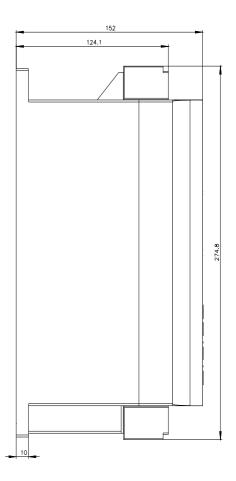
Characteristic: Installation altitude

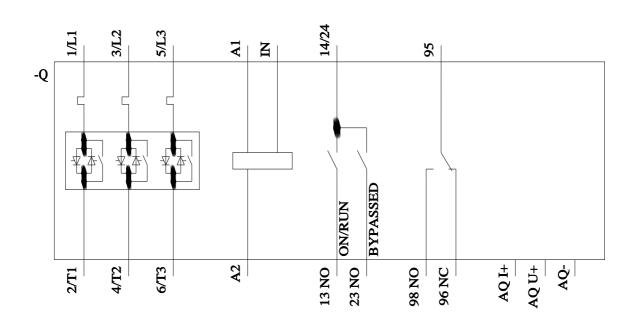
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5215-1AC14&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

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







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