## **SIEMENS**

Data sheet 3RW5247-6AC15



SIRIUS soft starter 200-600 V 470 A, 110-250 V AC Screw terminals Analog output

product brand name product category product designation product type designation manufacturer's article number

- of standard HMI module usable
- of high feature HMI module usable
- of communication module PROFINET standard usable
- of communication module PROFIBUS usable
- of communication module Modbus TCP usable
- of communication module Modbus RTU usable
- of communication module Ethernet/IP
- of circuit breaker usable at 400 V
- of circuit breaker usable at 500 V
- of circuit breaker usable at 400 V at inside-delta circuit
- of circuit breaker usable at 500 V at inside-delta circuit
- of the gG fuse usable up to 690 V
- of the gG fuse usable at inside-delta circuit up to 500 V
- $\bullet$  of full range R fuse link for semiconductor protection usable up to 690 V
- of back-up R fuse link for semiconductor protection usable up to 690 V

SIRIUS

Hybrid switching devices

Soft starter

3RW52

3RW5980-0HS00

3RW5980-0HF00

3RW5980-0CS00

3RW5980-0CP00

3RW5980-0CT00

3RW5980-0CR00

3RW5980-0CE00

3VA2450-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10

3VA2450-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10

3VA2510-6HN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10

3VA2510-6HN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10

2x3NA3365-6; Type of coordination 1, Iq = 65 kA

2x3NA3365-6; Type of coordination 1, Iq = 65 kA

3NE1436-2; Type of coordination 2, Iq = 65 kA

3NE3340-8; Type of coordination 2, Iq = 65 kA

## General technical data

starting voltage [%] stopping voltage [%] start-up ramp time of soft starter current limiting value [%] adjustable certificate of suitability

- CE marking
- UL approval
- CSA approval

## product component

- HMI-High Feature
- is supported HMI-Standard
- is supported HMI-High Feature

product feature integrated bypass contact system number of controlled phases

trip class

buffering time in the event of power failure

30 ... 100 %

50 %; non-adjustable

0 ... 20 s

130 ... 700 %

Yes

Yes

Yes

No

Yes

Yes

Yes

CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2

<ul> <li>for main current circuit</li> </ul>	100 ms
<ul> <li>for control circuit</li> </ul>	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 safe isolation	
<ul> <li>between main and auxiliary circuit</li> </ul>	600 V
shock resistance	15 g / 11 ms, from 12 g / 11 ms with potential contact lifting
vibration resistance	15 mm to 6 Hz; 2g to 500 Hz
utilization category according to IEC 60947-4-2	AC 53a
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	02/15/2018
product function	
<ul><li>ramp-up (soft starting)</li></ul>	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     incide delta circuit	No Von
• inside-delta circuit	Yes
• auto-RESET	Yes
manual RESET     remets reset	Yes
remote reset     communication function	Yes; By turning off the control supply voltage 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 parameterizable     via software configurable	Yes
PROFlenergy	Yes: in connection with the PROFINET Standard communication
The lenergy	module
firmware update	Yes
<ul> <li>removable terminal for control circuit</li> </ul>	Yes
torque control	No
analog output	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature
	HMI)
Power Electronics	
operational current	
<ul> <li>at 40 °C rated value</li> </ul>	470 A
<ul> <li>at 50 °C rated value</li> </ul>	416 A
<ul> <li>at 60 °C rated value</li> </ul>	380 A
operational current at inside-delta circuit	
at 40 °C rated value	814 A
<ul> <li>at 50 °C rated value</li> </ul>	721 A
• at 60 °C rated value	658 A
operating voltage	
rated value	200 600 V
at inside-delta circuit rated value	200 600 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	132 kW
at 230 V at inside-delta circuit at 40 °C rated value	250 kW
• at 400 V at 40 °C rated value	250 kW
at 400 V at inside-delta circuit at 40 °C rated value	400 kW
• at 500 V at 40 °C rated value	315 kW

• at 500 V at inside-delta circuit at 40 °C rated value	500 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>	200 A
at rotary coding switch on switch position 2	218 A
<ul> <li>at rotary coding switch on switch position 3</li> </ul>	236 A
at rotary coding switch on switch position 4	254 A
at rotary coding switch on switch position 5	272 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	290 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	308 A
at rotary coding switch on switch position 8	326 A
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	344 A
at rotary coding switch on switch position 10	362 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	380 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	398 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	416 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	434 A
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	452 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	470 A
• minimum	200 A
adjustable motor current	
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> </ul>	346 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>	378 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>	409 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>	440 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> </ul>	471 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> </ul>	502 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> </ul>	533 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 8</li> </ul>	565 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 9</li> </ul>	596 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> </ul>	627 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 11</li> </ul>	658 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 12</li> </ul>	689 A
for inside-delta circuit at rotary coding switch on switch position 13	721 A
for inside-delta circuit at rotary coding switch on switch position 14	752 A
for inside-delta circuit at rotary coding switch on switch position 15     for inside delta circuit at rotary coding switch on the circuit at rotary coding switch	783 A
for inside-delta circuit at rotary coding switch on switch position 16	814 A
at inside-delta circuit minimum  minimum load [9/1]	346 A
minimum load [%] power loss [W] for rated value of the current at AC	15 %; Relative to smallest settable le
• at 40 °C after startup	153 W
• at 50 °C after startup	137 W
at 60 °C after startup	126 W
power loss [W] at AC at current limitation 350 %	
• at 40 °C during startup	7 903 W
at 50 °C during startup	6 604 W
at 60 °C during startup	5 794 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	-10 %
voltage 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	100 mA
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
Inpute/ Outpute	not part of scope of supply
Inputs/ Outputs	1
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
<ul><li>at AC-15 at 250 V rated value</li><li>at DC-13 at 24 V rated value</li></ul>	3 A 1 A
<ul> <li>at AC-15 at 250 V rated value</li> <li>at DC-13 at 24 V rated value</li> </ul> Installation/ mounting/ dimensions	1 A
<ul><li>at AC-15 at 250 V rated value</li><li>at DC-13 at 24 V rated value</li></ul>	
<ul> <li>at AC-15 at 250 V rated value</li> <li>at DC-13 at 24 V rated value</li> </ul> Installation/ mounting/ dimensions	1 A with vertical mounting surface +/-90° rotatable, with vertical mounting
<ul> <li>at AC-15 at 250 V rated value</li> <li>at DC-13 at 24 V rated value</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> </ul>	1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
at AC-15 at 250 V rated value     at DC-13 at 24 V rated value  Installation/ mounting/ dimensions  mounting position  fastening method	1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing
at AC-15 at 250 V rated value     at DC-13 at 24 V rated value  Installation/ mounting/ dimensions  mounting position  fastening method height	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm
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	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm
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	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm
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	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm
<ul> <li>at AC-15 at 250 V rated value</li> <li>at DC-13 at 24 V rated value</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> <li>required spacing with side-by-side mounting</li> <li>forwards</li> </ul>	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm
<ul> <li>at AC-15 at 250 V rated value</li> <li>at DC-13 at 24 V rated value</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> <li>required spacing with side-by-side mounting</li> <li>forwards</li> <li>backwards</li> </ul>	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm
<ul> <li>at AC-15 at 250 V rated value</li> <li>at DC-13 at 24 V rated value</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>fastening method         height         width         depth         required spacing with side-by-side mounting         <ul> <li>forwards</li> <li>backwards</li> <li>upwards</li> </ul> </li> </ul>	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm
<ul> <li>at AC-15 at 250 V rated value</li> <li>at DC-13 at 24 V rated value</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>fastening method         height         width         depth         required spacing with side-by-side mounting         <ul> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>downwards</li> </ul> </li> </ul>	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm  10 mm 0 mm 100 mm 75 mm
<ul> <li>at AC-15 at 250 V rated value</li> <li>at DC-13 at 24 V rated value</li> </ul> Installation/ mounting/ dimensions mounting position fastening method height <ul> <li>width</li> <li>depth</li> </ul> required spacing with side-by-side mounting <ul> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> </ul>	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm
<ul> <li>at AC-15 at 250 V rated value</li> <li>at DC-13 at 24 V rated value</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> <li>required spacing with side-by-side mounting</li> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>weight without packaging</li> <li>Connections/ Terminals</li> <li>type of electrical connection</li> </ul>	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg
<ul> <li>at AC-15 at 250 V rated value</li> <li>at DC-13 at 24 V rated value</li> </ul> Installation/ mounting/ dimensions mounting position fastening method <ul> <li>height</li> <li>width</li> <li>depth</li> </ul> required spacing with side-by-side mounting <ul> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>weight without packaging</li> </ul> Connections/ Terminals type of electrical connection <ul> <li>for main current circuit</li> </ul>	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg
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<ul> <li>at AC-15 at 250 V rated value</li> <li>at DC-13 at 24 V rated value</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> <li>required spacing with side-by-side mounting</li> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>weight without packaging</li> <li>Connections/ Terminals</li> <li>type of electrical connection</li> <li>for control circuit</li> <li>for connection bar maximum</li> </ul>	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg
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 width of connectable conductor cross-sections	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg
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 width of connection bar maximum type of connectable conductor cross-sections  for DIN cable lug for main contacts stranded	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg  busbar connection screw-type terminals 45 mm  2x (50 240 mm²)
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 width of connectable conductor cross-sections  for DIN cable lug for main contacts finely stranded	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg
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 width of connectable conductor cross-sections  for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg  busbar connection screw-type terminals 45 mm  2x (50 240 mm²) 2x (70 240 mm²)
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<ul> <li>at AC-15 at 250 V rated value</li> <li>at DC-13 at 24 V rated value</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> <li>required spacing with side-by-side mounting</li> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>weight without packaging</li> <li>Connections/ Terminals</li> <li>type of electrical connection</li> <li>for main current circuit</li> <li>for control circuit</li> <li>width of connectable conductor cross-sections</li> <li>for DIN cable lug for main contacts stranded</li> <li>for DIN cable lug for main contacts finely stranded</li> <li>type of connectable conductor cross-sections</li> <li>for control circuit solid</li> <li>for control circuit finely stranded with core end</li> </ul>	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg  busbar connection screw-type terminals 45 mm  2x (50 240 mm²) 2x (70 240 mm²)
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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 width of connection bar maximum type of connectable conductor cross-sections for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for control circuit solid for control circuit finely stranded with core end processing at AWG cables for control circuit solid	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 393 mm 210 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm 9.9 kg  busbar connection screw-type terminals 45 mm  2x (50 240 mm²) 2x (70 240 mm²) 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)
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<ul> <li>at the digital inputs at AC maximum</li> <li>tightening torque</li> </ul>	100 m
for main contacts with screw-type terminals	14 24 N·m
for auxiliary and control contacts with screw-type	0.8 1.2 N·m
terminals	0.0 1.2 IVIII
tightening torque [lbf·in]	
for main contacts with screw-type terminals	124 210 lbf·in
for auxiliary and control contacts with screw-type	7 10.3 lbf·in
terminals	7 10.0 101 111
Ambient conditions	
installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
ambient temperature	5 600 m, Defating as of 1000 m, see catalog
during operation	-25 +60 °C; Please observe derating at temperatures of 40 °C or
• during operation	above
<ul> <li>during storage and transport</li> </ul>	-40 +80 °C
environmental category	
during operation according to IEC 60721	3K6 (no ice formation, only occasional condensation), 3C3 (no salt
adming operation according to 120 00721	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)
EMC emitted interference	acc. to IEC 60947-4-2: Class A
Communication/ Protocol	
communication module is supported	
PROFINET standard	Yes
• EtherNet/IP	Yes
Modbus RTU	Yes
Modbus TCP	Yes
PROFIBUS	Yes
	i es
UL/CSA ratings	
manufacturer's article number	
• of the fuse	
<ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> </ul>	Type: Class J / L, max. 1600 A; Iq = 30 kA
<ul> <li>usable for High Faults up to 575/600 V according to UL</li> </ul>	Type: Class J / L, max. 1200 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 J / L, max. 1600 A; Iq = 30 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. 1200 A; Iq = 100 kA
operating power [hp] for 3-phase motors	
at 200/208 V at 50 °C rated value	150 hp
<ul> <li>at 220/230 V at 50 °C rated value</li> </ul>	150 hp
<ul> <li>at 460/480 V at 50 °C rated value</li> </ul>	350 hp
<ul> <li>at 575/600 V at 50 °C rated value</li> </ul>	450 hp
<ul> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> </ul>	250 hp
at 220/230 V at inside-delta circuit at 50 °C rated value	250 hp
at 460/480 V at inside-delta circuit at 50 °C rated value	600 hp
at 575/600 V at inside-delta circuit at 50 °C rated value	800 hp
contact rating of auxiliary contacts according to UL	R300-B300
Safety related data	
	ID00: ID20 with cover
protection class IP on the front according to IEC 60529	IP00; IP20 with cover
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front with cover
electromagnetic compatibility	in accordance with IEC 60947-4-2
Certificates/ approvals	
General Product Approval	EMC





Confirmation







**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping

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Confirmation

## **Further information**

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5247-6AC15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5247-6AC15

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5247-6AC15

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5247-6AC15&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

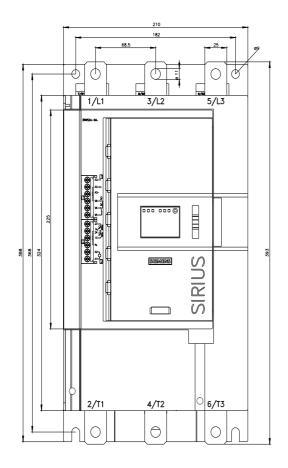
https://support.industry.siemens.com/cs/ww/en/ps/3RW5247-6AC15/char

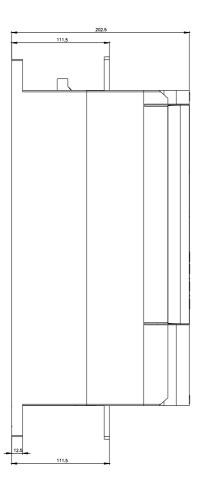
Characteristic: Installation altitude

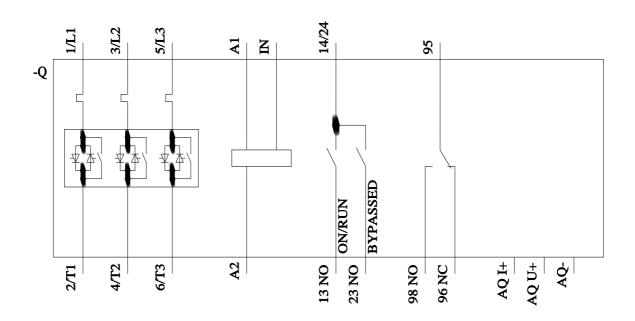
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5247-6AC15&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

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







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