## **SIEMENS**

Data sheet 3RW5226-3AC14

SIRIUS



SIRIUS soft starter 200-480 V 77 A, 110-250 V AC spring-type terminals Analog output



product category	Hybrid switching devices
product designation	Soft starter
product type designation	3RW52
manufacturer's article number	
<ul> <li>of standard HMI module usable</li> </ul>	3RW5980-0HS00
<ul> <li>of high feature HMI module usable</li> </ul>	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>	3VA2110-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3VA2110-7MN32-0AA0; Type of coordination 1, Iq = 20 kA, CLASS 10
<ul> <li>of circuit breaker usable at 400 V at inside-delta circuit</li> </ul>	3VA2216-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of circuit breaker usable at 500 V at inside-delta circuit</li> </ul>	3VA2216-7MN32-0AA0; Type of coordination 1, Iq = 20 kA, CLASS 10
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	3NA3132-6; Type of coordination 1, Iq = 65 kA
<ul> <li>of the gG fuse usable at inside-delta circuit up to 500 V</li> </ul>	3NA3132-6; Type of coordination 1, Iq = 65 kA
<ul> <li>of full range R fuse link for semiconductor protection usable up to 690 V</li> </ul>	3NE1224-0; 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>	3NE8024-1; Type of coordination 2, Iq = 65 kA
Seneral 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	1 400 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 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
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
<ul> <li>operating measured value display</li> </ul>	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	77 A
• at 50 °C rated value	68 A
at 60 °C rated value	62 A
operational current at inside-delta circuit	
at 40 °C rated value	133 A
• at 50 °C rated value	118 A
• at 60 °C rated value	107 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	10 %

inside-delta circuit	
operating power for 3-phase motors	00 144
• at 230 V at 40 °C rated value	22 kW
<ul> <li>at 230 V at inside-delta circuit at 40 °C rated value</li> </ul>	37 kW
• at 400 V at 40 °C rated value	37 kW
at 400 V at inside-delta circuit at 40 °C rated value	75 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>	32 A
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	35 A
<ul> <li>at rotary coding switch on switch position 3</li> </ul>	38 A
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	41 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	44 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	47 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	50 A
<ul> <li>at rotary coding switch on switch position 8</li> </ul>	53 A
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	56 A
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	59 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	62 A
at rotary coding switch on switch position 12	65 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	68 A
at rotary coding switch on switch position 14	71 A
at rotary coding switch on switch position 15	74 A
at rotary coding switch on switch position 16	77 A
• minimum	32 A
adjustable motor current	
for inside-delta circuit at rotary coding switch on switch position 1	55.4 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>	60.6 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>	65.8 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>	71 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> </ul>	76.2 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> </ul>	81.4 A
for inside-delta circuit at rotary coding switch on switch position 7      for inside delta circuit at rotary coding switch on switch position 7	86.6 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 8</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	91.8 A 97 A
position 9 • for inside-delta circuit at rotary coding switch on switch	102 A
position 10 • for inside-delta circuit at rotary coding switch on switch	107 A
position 11 • for inside-delta circuit at rotary coding switch on switch	113 A
for inside-delta circuit at rotary coding switch on switch	118 A
<ul> <li>position 13</li> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> </ul>	123 A
for inside-delta circuit at rotary coding switch on switch position 15	128 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> </ul>	133 A
at inside-delta circuit minimum	55.4 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	35 W
at 50 °C after startup	32 W

at CO °C after startus	24 \\
• at 60 °C after startup	31 W
power loss [W] at AC at current limitation 350 %	
<ul> <li>at 40 °C during startup</li> </ul>	1 107 W
<ul> <li>at 50 °C during startup</li> </ul>	933 W
at 60 °C during startup	826 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	-15 %
AC at 50 Hz	
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	2.5 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
	4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit
design of short-circuit protection for control circuit	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
design of short-circuit protection for control circuit  Inputs/ Outputs	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of
	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of
Inputs/ Outputs number of digital inputs	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
Inputs/ Outputs	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  digital output version	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO)
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  digital output version  number of analog outputs	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  digital output version  number of analog outputs  switching capacity current of the relay outputs	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  digital output version  number of analog outputs  switching capacity current of the relay outputs  • at AC-15 at 250 V rated value	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm  10 mm 0 mm
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm  10 mm 0 mm 100 mm
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1  3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm  10 mm 0 mm 100 mm 100 mm 75 mm 5 mm
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm  10 mm 0 mm 100 mm 75 mm
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1  3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm 5.6 kg
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm 5.6 kg
Inputs/ Outputs  number of digital inputs  number of digital outputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm  10 mm 0 mm 100 mm 5 mm 5 mm 5 mm 5 mm 5 mm 5 sox terminal spring-loaded terminals
Inputs/ Outputs  number of digital inputs  • not parameterizable  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	breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply  1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A  with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm  10 mm 0 mm 100 mm 75 mm 5 mm 5.6 kg

<ul> <li>using the front clamping point solid</li> </ul>	1x (2.5 16 mm²)
<ul> <li>using the front clamping point finely stranded with core</li> </ul>	1x (2.5 50 mm²)
end processing	
<ul> <li>using the front clamping point stranded</li> </ul>	1x (10 70 mm²)
<ul> <li>using the back clamping point solid</li> </ul>	1x (2.5 16 mm²)
<ul> <li>r box terminal using the back clamping point</li> </ul>	1x (10 2/0)
<ul> <li>using both clamping points solid</li> </ul>	2x (2.5 16 mm²)
<ul> <li>using both clamping points finely stranded with core end</li> </ul>	2x (2.5 35 mm²)
processing	<u> </u>
<ul> <li>using both clamping points stranded</li> </ul>	2x (6 16 mm²), 2x (10 50 mm²)
<ul> <li>using the back clamping point finely stranded with core</li> </ul>	1x (2.5 50 mm²)
end processing	
<ul> <li>using the back clamping point stranded</li> </ul>	1x (10 70 mm²)
type of connectable conductor cross-sections	
<ul> <li>for control circuit solid</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	2x (0.25 1.5 mm²)
for AWG cables for control circuit solid	2x (24 16)
<ul> <li>for AWG cables for control circuit finely stranded with</li> </ul>	2x (24 16)
core end processing	<u> </u>
wire length	
<ul> <li>between soft starter and motor maximum</li> </ul>	800 m
at the digital inputs at AC maximum	100 m
tightening torque	
for main contacts with screw-type terminals	4.5 6 N·m
for auxiliary and control contacts with screw-type	0.8 1.2 N·m
terminals	0.0 1.2 IN III
tightening torque [lbf·in]	
<ul> <li>for main contacts with screw-type terminals</li> </ul>	40 53 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
•	-25 +60 °C; Please observe derating at temperatures of 40 °C or above -40 +80 °C
during operation     during storage and transport	
during operation     during storage and transport     environmental category	-40 +80 °C
during operation     during storage and transport	
during operation     during storage and transport     environmental category	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get
during operation     during storage and transport     environmental category     during operation according to IEC 60721	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
during operation     during storage and transport     environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721  Environmental footprint	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)
during operation     during storage and transport     environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech
during operation     during storage and transport     environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  Communication/ Protocol	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech
during operation     during storage and transport     environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  Communication/ Protocol  communication module is supported	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A
during operation     during storage and transport     environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  Communication/ Protocol  communication module is supported     PROFINET standard	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  Communication/ Protocol  communication module is supported  PROFINET standard  EtherNet/IP	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  Communication/ Protocol  communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A  Yes  Yes
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721  Environmental footprint Siemens Eco Profile (SEP)  EMC emitted interference  Communication/ Protocol  communication module is supported     PROFINET standard     EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A  Yes  Yes  Yes
during operation     during storage and transport     environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  Communication/ Protocol  communication module is supported      PROFINET standard      EtherNet/IP      Modbus RTU      Modbus TCP      PROFIBUS  UL/CSA ratings	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A  Yes  Yes  Yes
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  Communication/ Protocol  communication module is supported      PROFINET standard      EtherNet/IP      Modbus RTU      Modbus TCP      PROFIBUS  UL/CSA ratings  manufacturer's article number	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A  Yes  Yes  Yes
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  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	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A  Yes  Yes  Yes  Yes  Yes
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  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	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721  Environmental footprint Siemens Eco Profile (SEP)  EMC emitted interference 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	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  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      — d0/480 V according to UL      — at 460/480 V at inside-delta circuit according to UL	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  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 at inside-delta circuit according to UL      — 60/480 V at inside-delta circuit according to UL	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Siemens type: 3VA51, max. 125 A; Iq = 10 kA  Siemens type: 3VA51, max. 125 A; Iq max = 65 kA  Siemens type: 3VA51, max. 125 A; Iq = 10 kA  Siemens type: 3VA51, max. 125 A; Iq max = 65 kA
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  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 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	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A  Yes Yes Yes Yes Yes Yes Yes Siemens type: 3VA51, max. 125 A; Iq = 10 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  Communication/ Protocol  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 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	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Siemens type: 3VA51, max. 125 A; Iq = 10 kA  Siemens type: 3VA51, max. 125 A; Iq max = 65 kA  Siemens type: 3VA51, max. 125 A; Iq = 10 kA  Siemens type: 3VA51, max. 125 A; Iq max = 65 kA
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  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 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     — of the fuse	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye
during operation     during storage and transport  environmental category     during operation according to IEC 60721      during storage according to IEC 60721      during transport according to IEC 60721  Environmental footprint  Siemens Eco Profile (SEP)  EMC emitted interference  Communication/ Protocol  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 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	-40 +80 °C  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  Siemens EcoTech  acc. to IEC 60947-4-2: Class A  Yes Yes Yes Yes Yes Yes Yes Siemens type: 3VA51, max. 125 A; Iq = 10 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA Siemens type: 3VA51, max. 125 A; Iq max = 65 kA

— usable for High Faults up to 575/600 V according to UL	Type: Class J / L, max. 250 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. 250 A; Iq = 10 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. 250 A; Iq = 100 kA
operating power [hp] for 3-phase motors	
<ul> <li>at 200/208 V at 50 °C rated value</li> </ul>	20 hp
<ul> <li>at 220/230 V at 50 °C rated value</li> </ul>	25 hp
<ul> <li>at 460/480 V at 50 °C rated value</li> </ul>	50 hp
<ul> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> </ul>	30 hp
<ul> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> </ul>	40 hp
• at 460/480 V at inside-delta circuit at 50 °C rated value	75 hp
contact rating of auxiliary contacts according to UL	R300-B300
Electrical Safety	
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
Approvals Certificates	

approvais Certificates

## **General Product Approval**









Confirmation



General Product Approval

EMV

**Test Certificates** 

Marine / Shipping





<u>KC</u>

Type Test Certificates/Test Report





Marine / Shipping

other

**Environment** 





Confirmation





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=3RW5226-3AC14

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RW5226-3AC14}}$ 

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RW5226-3AC14

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5226-3AC14&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current <a href="https://support.industry.siemens.com/cs/ww/en/ps/3RW5226-3AC14/char">https://support.industry.siemens.com/cs/ww/en/ps/3RW5226-3AC14/char</a>

Characteristic: Installation altitude

 $\underline{\text{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5226-3AC14\&objecttype=14\&gridview=view1}$ 

Simulation Tool for Soft Starters (STS)

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







