# SIEMENS



#### Data sheet

#### 3RW5234-6AC15



SIRIUS soft starter 200-600 V 113 A, 110-250 V AC Screw terminals Analog output

product brand name	SIRIUS
product category	Hybrid switching devices
product designation	Soft starter
product type designation	3RW52
manufacturer's article number	
<ul> <li>of standard HMI module usable</li> </ul>	<u>3RW5980-0HS00</u>
<ul> <li>of high feature HMI module usable</li> </ul>	<u>3RW5980-0HF00</u>
<ul> <li>of communication module PROFINET standard usable</li> </ul>	<u>3RW5980-0CS00</u>
<ul> <li>of communication module PROFIBUS usable</li> </ul>	<u>3RW5980-0CP00</u>
<ul> <li>of communication module Modbus TCP usable</li> </ul>	<u>3RW5980-0CT00</u>
<ul> <li>of communication module Modbus RTU usable</li> </ul>	<u>3RW5980-0CR00</u>
<ul> <li>of communication module Ethernet/IP</li> </ul>	<u>3RW5980-0CE00</u>
<ul> <li>of circuit breaker usable at 400 V</li> </ul>	3VA2216-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of circuit breaker usable at 400 V at inside-delta circuit</li> </ul>	3VA2220-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	3NA3244-6: Type of coordination 1, Iq = 65 kA
<ul> <li>of the gG fuse usable at inside-delta circuit up to 500 V</li> </ul>	<u>3NA3244-6; Type of coordination 1, Iq = 65 kA</u>
<ul> <li>of full range R fuse link for semiconductor protection usable up to 690 V</li> </ul>	<u>3NE1225-0: Type of coordination 2. Iq = 65 kA</u>
<ul> <li>of back-up R fuse link for semiconductor protection usable up to 690 V</li> </ul>	<u>3NE3332-0B; Type of coordination 2, Iq = 65 kA</u>
General technical data	
starting voltage [%]	30 100 %
stopping voltage [%]	50 %; non-adjustable
start-up ramp time of soft starter	0 20 s
current limiting value [%] adjustable	130 700 %
certificate of suitability	
CE marking	Yes
UL approval	Yes
CSA approval	Yes
product component	
HMI-High Feature	No
<ul> <li>is supported HMI-Standard</li> </ul>	Yes
<ul> <li>is supported HMI-High Feature</li> </ul>	Yes
product feature integrated bypass contact system	Yes
number of controlled phases	3
trip class	CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2
buffering time in the event of power failure	
<ul> <li>for main current circuit</li> </ul>	100 ms

for control circuit	100 ms
insulation voltage rated value	600 V 3, acc. to IEC 6094
degree of pollution	
impulse voltage rated value	6 kV
blocking voltage of the thyristor maximum	1 800 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
<ul> <li>ramp-down (soft stop)</li> </ul>	Yes
Soft Torque	Yes
<ul> <li>adjustable current limitation</li> </ul>	Yes
<ul> <li>pump ramp down</li> </ul>	Yes
<ul> <li>intrinsic device protection</li> </ul>	Yes
<ul> <li>motor overload protection</li> </ul>	Yes; Electronic motor overload protection
<ul> <li>evaluation of thermistor motor protection</li> </ul>	No
inside-delta circuit	Yes
auto-RESET	Yes
manual RESET	Yes
remote reset	Yes; By turning off the control supply voltage
<ul> <li>communication function</li> </ul>	Yes
<ul> <li>operating measured value display</li> </ul>	Yes; Only in conjunction with special accessories
error logbook	Yes; Only in conjunction with special accessories
<ul> <li>via software parameterizable</li> </ul>	No
<ul> <li>via software configurable</li> </ul>	Yes
PROFlenergy	Yes; in connection with the PROFINET Standard communication module
firmware update	Yes
<ul> <li>removable terminal for control circuit</li> </ul>	Yes
torque control	No
<ul> <li>analog output</li> </ul>	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature
	HMI)
Power Electronics	
operational current	
• at 40 °C rated value	113 A
• at 50 °C rated value	101 A
• at 60 °C rated value	89 A
operational current at inside-delta circuit	
<ul> <li>at 40 °C rated value</li> </ul>	196 A
<ul> <li>at 50 °C rated value</li> </ul>	175 A
• at 60 °C rated value	154 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	
<ul> <li>at 230 V at 40 °C rated value</li> </ul>	30 kW
	55 kW
<ul> <li>at 230 V at inside-delta circuit at 40 °C rated value</li> </ul>	55 KW

<ul> <li>at 400 V at inside-delta circuit at 40 °C rated value</li> </ul>	<ul> <li>110 kW</li> <li>75 kW</li> <li>132 kW</li> </ul>
<ul> <li>at 500 V at 40 °C rated value</li> </ul>	75 kW
<ul> <li>at 500 V at inside-delta circuit at 40 °C rated value</li> </ul>	
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>	53 A
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	57 A
<ul> <li>at rotary coding switch on switch position 3</li> </ul>	61 A
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	65 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	69 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	73 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	77 A
<ul> <li>at rotary coding switch on switch position 8</li> </ul>	81 A
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	85 A
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	89 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	93 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	97 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	101 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	105 A
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	109 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	113 A
• minimum	53 A
adjustable motor current	
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> </ul>	91.8 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>	98.7 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>	106 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>	113 A
• for inside-delta circuit at rotary coding switch on switch position 5	120 A
• for inside-delta circuit at rotary coding switch on switch position 6	126 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> </ul>	133 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</li> </ul>	140 A 147 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 9</li> <li>for inside delta circuit at rotary coding switch on</li> </ul>	154 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	161 A
<ul> <li>for inside-delta circuit at rotary coding switch on</li> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	168 A
<ul> <li>for inside-delta circuit at rotary coding switch on</li> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	175 A
<ul> <li>for inside-delta circuit at rotary coding switch on</li> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	182 A
<ul> <li>switch position 14</li> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	189 A
<ul> <li>switch position 15</li> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	196 A
switch position 16 • at inside-delta circuit minimum	91.8 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	46 W
● at 50 °C after startup	42 W
• at 60 °C after startup	39 W

power loss [W] at AC at current limitation 350 %	1 512 W 1 291 W
<ul> <li>at 40 °C during startup</li> </ul>	1 512 W
<ul> <li>at 50 °C during startup</li> </ul>	1 291 W
<ul> <li>at 60 °C during startup</li> </ul>	1 086 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
locked-rotor current at close of bypass contact 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
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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is
Inputs/ Outputs	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is
	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 number of digital outputs	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	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 number of digital outputs onot parameterizable digital output version	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 number of digital outputs onot parameterizable digital output version number of analog outputs	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)
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs	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
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs	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)
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs o at AC-15 at 250 V rated value o at DC-13 at 24 V rated value	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
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs o at AC-15 at 250 V rated value	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
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs output	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
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs outputs outputs at AC-15 at 250 V rated value outputs at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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	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
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         • at the side	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
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         • at the side         weight without packaging	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
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         • at the side         weight without packaging         Connections/ Terminals	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
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         • at the side         weight without packaging         Connections/ Terminals         type of electrical connection	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 6.6 kg

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type of connectable conductor cross-sections       2: (15 6: 9 mm <sup>2</sup> ) x (0.5 2.5 mm <sup>2</sup> ) x (0.5 1.5 mm <sup>2</sup> ) x (0.5 2.5 mm <sup>2</sup> ) x (0.5 2.5 mm <sup>2</sup> ) x (0.5 2.5 mm <sup>2</sup> ) x (0.5 1.5 m <sup>2</sup>		
type of connectable conductor cross-sections         1: (0.54.0 mm/), 2x (0.52.5 mm/)           1: or control circuit solid         1: (0.54.0 mm/), 2x (0.52.5 mm/)           1: (0.54.0 mm/), 2x (0.52.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.51.1 mm/)           1: (0.51.1 mm/), 2x (0.51.1 mm/)         1: (0.51.1 mm/)           1: (0.51.1 mm/), 2x (0.51.1 mm/)         1: (0.51.1 mm/)           1: (0.51.1 mm/)         1: (0.51.1 mm/) <td>type of connectable conductor cross-sections</td> <td>diantudana</td>	type of connectable conductor cross-sections	diantudana
type of connectable conductor cross-sections         1: (0.54.0 mm/), 2x (0.52.5 mm/)           1: or control circuit solid         1: (0.54.0 mm/), 2x (0.52.5 mm/)           1: (0.54.0 mm/), 2x (0.52.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.54.0 mm/), 2x (0.51.5 mm/)           1: (0.54.0 mm/), 2x (0.51.5 mm/)         1: (0.51.1 mm/)           1: (0.51.1 mm/), 2x (0.51.1 mm/)         1: (0.51.1 mm/)           1: (0.51.1 mm/), 2x (0.51.1 mm/)         1: (0.51.1 mm/)           1: (0.51.1 mm/)         1: (0.51.1 mm/) <td>0</td> <td>2x (16 95 mm²)</td>	0	2x (16 95 mm²)
<ul> <li>Cor control circuit solid</li> <li>Cor control circuit solid</li> <li>Control control circuit solid</li> <li>Control control circuit solid</li> <li>Control control con</li></ul>		2x (25 120 mm <sup>2</sup> )
processing       = it XVC cables for control circuit solid       1x (20 12), 2x (20 14)         wire length       = 800 m         • elseveen soft staffer and motor maximum       800 m         • or man controls with screw-type terminals       10 14 N m         • or man controls with screw-type terminals       0 12 N m         • or man controls with screw-type terminals       0 12 N m         • or man controls with screw-type terminals       80 12 N m         • or man controls with screw-type terminals       80 12 N m         • or main controls with screw-type terminals       80 12 N m         • or main controls with screw-type terminals       7 10.3 lb fin         • metalation althude at height above sea level maximum       6 000 m; Derating as of 1000 m; see catalog         • during storage and transport       -40 +80 °C         • during storage according to IEC 60721       -40 +80 °C         • during storage according to IEC 60721       25 (21, 251, 2M2 (max, fall height 0.3 m)         • during transport according to IEC 60721       242, 201, 281, 2M2 (max, fall height 0.3 m)         • ElsenNet/IP       Yes         • Modulus RTU       Yes         • Modulus RTU       Yes         • Modulus RTU       Yes         • Modulus RTU       Yes         •		
wire length         Solution           • Edween soft starter and motor maximum         600 m           • at the digital inputs at AC maximum         800 m           • for main contacts with screw-type terminals         10 14 N m           • for auxiliary and control contacts with screw-type terminals         10 14 N m           • for auxiliary and control contacts with screw-type terminals         98 124 Ibr/in           • for auxiliary and control contacts with screw-type terminals         90 m           • for auxiliary and control contacts with screw-type terminals         90 m           • during contacts with screw-type terminals         5000 m; Derating as of 1000 m, see catalog           • during storage and transport         - 0 480 °C           • during storage and transport         - 40 + 80 °C           • during storage according to IEC 60721         3Ki (no lee formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6           • during transport according to IEC 60721         BKO emited Interforence           • EMC emited Interforence         - 12 C. 21 S1, 2M2 (max. Fall height 0.3 m)           • Communication module is supported         Yes           • Modus RTU         Yes           • Modus RTU         Yes           • Modus RTU         Yes           • Inside of devidavia at 400/480 V at ni	processing	
		1x (20 12), 2x (20 14)
tightning torque <ul> <li>for main contacts with screw-type terminals</li> <li>for main screw terminals</li> <li>for main scording to IEC 60721</li> </ul>		
• for main contacts with screw-type terminals       10 14 Nm         • for main contacts with screw-type terminals       0 12 Nm         • for main contacts with screw-type terminals       0 12 Nm         • for auxiliary and control contacts with screw-type terminals       80 12 Nm         • for auxiliary and control contacts with screw-type terminals       80 12 Nm         • for auxiliary and control contacts with screw-type terminals       5 000 m; Derating as of 1000 m; see catalog         • mistaliation altitude at height above sea level maximum       5 000 m; Derating as of 1000 m; see catalog         • during storage and transport       -40 +80 °C         • during storage according to IEC 60721       3K6 (no ice formation, only occasional condensation), 3C3 (no sait mist), 3S2 (sam the devices), 3M6         • during storage according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max; fail height 0.3 m)         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max; fail height 0.3 m)         • EMC emitted interference       ac: to IEC 60947-4-2: Class A         • Communication module is supported       Yes         • PROFIBUS       Yes         • U/CSA ratings       Yes         • U/CSA ratings       Siemens type: 3VA52, max, 250 A; lq = 10 kA         • ousble for Standard Faults at 460/480 V at inside-deta circuit according to UL.       Siemens type: 3VA52, max, 250 A; lq = 10 kA		100 m
		40 44 N
• for main contacts with screw-type terminals         89 124 lbrin           • for auxiliary and control contacts with screw-type terminals         7 10.3 lbFin           Ambient conditions         5.000 m; Derating as of 1000 m; see catalog           installation altitude at height above sea level maximum         5.000 m; Derating as of 1000 m; see catalog           ambient temperature         - 40 + 60 °C; Please observe derating at temperatures of 40 °C or above           • during storage and transport         -40 + 60 °C           • during storage according to IEC 60721         3K6 (no lee formation, only occasional condensation), 3C3 (no salt mist), 352 (sand must not get inside the devices), 3M4           • during transport according to IEC 60721         2K2, 2C1, 2S1, 2K2 (max, 1al height 0.3 m)           • during transport according to IEC 60721         2K2, 2C1, 2S1, 2K2 (max, 1al height 0.3 m)           • during transport according to IEC 60721         2K2, 2C1, 2S1, 2K2 (max, 1al height 0.3 m)           • during transport according to IEC 60721         2K2, 2C1, 2S1, 2K2 (max, 1al height 0.3 m)           • during transport according to IEC 60721         2K2, 2C1, 2S1, 2K2 (max, 1al height 0.5 m)           • during transport according to IEC 60721         Yes           • Emernitation         Yes           • Emernitation         Yes           • Communication/ Protocol         Communication           Communication <td><ul> <li>for auxiliary and control contacts with screw-type</li> </ul></td> <td></td>	<ul> <li>for auxiliary and control contacts with screw-type</li> </ul>	
for auxiliary and control contacts with screw-type         terminals          Anblent conditions          Installation altitude at height above sea level maximum         amblent temperature         • during storage and transport         • during storage and transport         • during storage and transport         • during storage according to IEC 60721         • during transport according to IEC 60721         • vashe for Standard Faults at 460/480 V         according to IL         • usable for Standard Faults at 460/480 V         according to UL         • usable for Standard Faults at 575/600 V         according to UL	tightening torque [lbf·in]	
Ambient conditions       Installation allitude at height above sea level maximum         Ambient conditions       5 000 m; Derating as of 1000 m, see catalog         ambient temperature       - 40 + 60 °C         • during storage and transport       -40 + 60 °C         environmental category       -40 + 60 °C         • during storage according to IEC 60721       3K6 (no loc formation, only occasional condensation), 3C3 (no salt mist), 152 (sand must not get link the devices), 1M4         • during transport according to IEC 60721       2K2, 221, 281, 281, 282 (max, fail height 0.3 m)         • during transport according to IEC 60721       2K2, 221, 281, 281, 282 (max, fail height 0.3 m)         • during transport according to IEC 60721       2K2, 221, 281, 281, 281, 282 (max, fail height 0.3 m)         • during transport according to IEC 60721       2K2, 221, 281, 281, 281, 281, 281, 281, 28	<ul> <li>for main contacts with screw-type terminals</li> </ul>	89 124 lbf·in
Installation altitude at height above sea level maximum       5 000 m; Derating as of 1000 m, see catalog         ambient temperature       -40 +60 °C; Please observe derating at temperatures of 40 °C or above         - during storage and transport       -40 +80 °C         - during storage and transport       -40 +80 °C         - during storage according to IEC 60721       3K6 (no ice formation, only occasional condensation), 3C3 (no sait mist), 3S2 (sand must not get into the devices), 3M6         - during transport according to IEC 60721       3K6 (no ice formation, only occasional condensation), 3C3 (no sait mist), 3S2 (sand must not get inside the devices), 3M6         - during transport according to IEC 60721       3K6 (no ice formation, only occasional condensation), 3C3 (no sait mist), 3S2 (sand must not get inside the devices), 1M4         - during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)         EMC emitted Interference       acc. to IEC 60947.4-2: Class A         Communication Module is supported       Yes         - PROFINET standard       Yes         - Modbus RTU       Yes         - Modbus RTU       Yes         - usable for Standard Faults at 460/480 V at inside-detta circuit according to UL.       Siemens type: 3VA52, max. 250 A; Iq max = 65 kA         Siemens type: 3VA52, max. 250 A; Iq = 10 kA       Siemens type: 3VA52, max. 250 A; Iq = 10 kA         - usable for Standard Faults at 575/600 V accordi	, , , , , , , , , , , , , , , , , , ,	7 10.3 lbf·in
ambient temperature       -25 +60 °C; Please observe derating at temperatures of 40 °C or above         • during storage and transport       -40 +80 °C         • during storage and transport       -40 +80 °C         • during storage and transport       -40 +80 °C         • during storage according to IEC 60721       3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)         • EMC emitted interference       acc. to IEC 60947-4-2: Class A         Communication Module is supported       Yes         • PROFIBUS       Yes         • Modbus TCP       Yes         • Modbus TCP       Yes         • Difficit breaker       -usable for Standard Faults at 460/480 V at inside-delta circuit according to UL.         - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL.       Siemens type: 3VA52, max. 250 A; Iq = 10 kA         Siemens type: 3VA52, max. 250 A; Iq = 10 kA       Siemens type: 3VA52, max. 250 A; Iq = 10 kA         - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL.       Siemens type: 3VA52, max. 250 A; Iq = 10 kA         - usable for Standard Faults at 55/600 V according to UL.       Siemens type: 3VA52, max. 250 A; Iq = 10 kA         - usable for Standard Faults at 55/600 V according to UL.	Ambient conditions	
<ul> <li>during operation</li> <li>25+00 °C; Please observe derating at temperatures of 40 °C or above</li> <li>during storage and transport</li> <li>40+40 °C</li> <li>environmental category</li> <li>during operation according to IEC 60721</li> <li>during storage according to IEC 60721</li> <li>during storage according to IEC 60721</li> <li>BKG (not) occasional condensation, 1/22 (no salt mist), 1S2 (sand must not get into the devices), 3M6</li> <li>during transport according to IEC 60721</li> <li>BKC emitted interference</li> <li>acc. to IEC 60947-4-2; Class A</li> <li>Communication module is supported</li> <li>PROFINET standard</li> <li>Yes</li> <li>EtherWit/P</li> <li>Yes</li> <li>PROFIBUS</li> <li>Ves</li> <li>Ves</li> <li>UCSA ratings</li> <li>maufacturer's article number</li> <li>of circuit breaker</li> <li> usable for Standard Faults at 460/480 V at inside-delta circuit according to U.</li> <li> usable for Standard Faults at 460/480 V at inside-delta circuit according to U.</li> <li> usable for Standard Faults at 460/480 V at inside-delta circuit according to U.</li> <li> usable for Standard Faults at 460/480 V at inside-delta circuit according to U.</li> <li> usable for Standard Faults at 460/480 V at inside-delta circuit according to U.</li> <li> usable for Standard Faults at 460/480 V at inside-delta circuit according to U.</li> <li> usable for Standard Faults at 575/600 V according to U.</li> <li> usable for Standard Faults at 575/600 V according to U.</li> <li> usable for Standard Faults at 575/600 V according to U.</li> <li> usable for Standard Faults at 575/600 V according to U.</li> <li> usable for Standard Faults at 575/600 V according to U.</li> <li> usable for Standard Faults at 575/600 V according to U.</li> <li> usable for Standard Faults at 575/600 V according to U.</li> <li> usable</li></ul>	installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
above       -40480 °C         environmental category       -40480 °C         eduring storage according to IEC 60721       3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get inside the devices), 3M6         eduring transport according to IEC 60721       3K6 (no ice formation, only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4         eduring transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m)         acc. to IEC 60947-4-2: Class A       Communication module is supported         • PROFINET standard       Yes         • BROFINET standard       Yes         • Modbus TCP       Yes         • PROFIBUS       Yes         • UL/CSA ratings       Yes         manufacturer's article number       • of circuit breaker         - usable for Standard Faults at 460/480 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for High Faults at 460/480 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Figh Faults at 460/480 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults at 460/480 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults at 575/600 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         <	ambient temperature	
environmental category <ul> <li>during operation according to IEC 60721</li> <li>during storage according to IEC 60721</li> <li>th 6 (only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M4</li> <li>during transport according to IEC 60721</li> <li>th 6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4</li> <li>during transport according to IEC 60721</li> <li>th 6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4</li> <li>during transport according to IEC 60721</li> <li>th 6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4</li> <li>during transport according to IEC 60721</li> <li>th 6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4</li> <li>exc. to IEC 60947-4-2; Class A</li> </ul> <li>Communication module is supported</li> <li>PROFINET standard</li> <li>PROFIBUS</li> <li>Hodbus RTU</li> <li>Ves</li> <li>VICSA ratings</li> <li>manufacturer's article number</li> <li>of circuit breaker</li> <li>usable for High Faults at 460/480 V at inside-deta circuit according to UL</li> <li>usable for High Faults at 460/480 V at inside-deta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for High Faults at 460/480 V at inside-detta circuit according to UL</li> <li>usable for High Faults at 675/600 V according to UL</li> <li>usable for High Faults at 575/600 V according to UL</li> <li>usable for High Faults at binside-detta circuit</li>	• during operation	
during operation according to IEC 60721     during storage according to IEC 60721     during storage according to IEC 60721     during transport according to IU     veshof or Standard Faults at 460/480 V according to UL     usable for Standard Faults at 460/480 V at inside-     delta circuit according to UL     usable for Standard Faults at 460/480 V at inside-     delta circuit according to UL     usable for Standard Faults at 450/480 V at inside-     delta circuit according to UL     usable for Standard Faults at 450/480 V at inside-     delta circuit according to UL     usable for Standard Faults at 575/600 V     according to UL     usable for Standard Faults at 575/600 V     according to UL     usable for Standard Faults up to 575/600 V     according to UL     usable for Standard Faults up to 575/600 V     according to UL     usable for Standard Faults up to 575/600 V     according to UL     usable for Standard Faults up to 575/600 V     according to UL     usable for Standard Faults up to 575/600 V     accord	<ul> <li>during storage and transport</li> </ul>	-40 +80 °C
<ul> <li>during storage according to IEC 60721</li> <li>during storage according to IEC 60721</li> <li>tK6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4</li> <li>during transport according to IEC 60721</li> <li>2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m)</li> <li>EMC emitted interference</li> <li>acc. to IEC 60947-4-2: Class A</li> </ul> Communication module is supported <ul> <li>PROFINET standard</li> <li>Yes</li> <li>Modbus RTU</li> <li>Yes</li> <li>Modbus RTU</li> <li>Yes</li> <li>PROFIBUS</li> <li>Yes</li> <li>PROFIBUS</li> <li>Ves</li> <li>Ves</li> <li>Of ircuit breaker</li> <li>of circuit breaker</li> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for High Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-de</li></ul>		
not get inside the devices), 1M4       ind get inside the devices), 1M4         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m)         2K02 emitted interference       acc. to IEC 60947-4-2: Class A         Communication module is supported       • PROFINET standard         • PROFINET standard       Yes         • Modbus RTU       Yes         • Modbus TCP       Yes         • Nordiget for Standard Faults at 460/480 V       Yes         manufacturer's article number       • of circuit breaker         - usable for Standard Faults at 460/480 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults at 575/600 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults at 575/600 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults up to 575/600 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults up to 575/600 V according to UL       Siemens type: 3VA52, max. 350 A; lq = 10 kA         - usable for Standard Faults up to 575/600	<ul> <li>during operation according to IEC 60721</li> </ul>	
EMC emitted interference       acc. to IEC 60947-4-2; Class A         Communication/Protocol         communication/Protocol         communication/Protocol         communication/Protocol         eEherNet/IP         • PROFINET standard         • EberNet/IP         • Modbus RTU         • Modbus TCP         • PROFIBUS         U/CSA ratings         manufacturer's article number         • of circuit breaker         — usable for Standard Faults at 460/480 V according to UL         — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL         — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL         — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL         — usable for Standard Faults at 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up	<ul> <li>during storage according to IEC 60721</li> </ul>	
Communication Protocol         communication module is supported         • PROFINET standard       Yes         • EtherNet/IP       Yes         • Modbus RTU       Yes         • Of circuit breaker       -         - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for High Faults at 460/480 V at inside-delta circuit according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults at 575/600 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults at 575/600 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         • of the fuse       -       usable for High Faults at to 575/600 V according to UL       Type: Class RK5 / K5, max. 350 A; lq = 10 kA </td <td><ul> <li>during transport according to IEC 60721</li> </ul></td> <td>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</td>	<ul> <li>during transport according to IEC 60721</li> </ul>	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)
communication module is supported <ul> <li>PROFINET standard</li> <li>Yes</li> <li>EtherNet/IP</li> <li>Yes</li> <li>Modbus RTU</li> <li>Yes</li> <li>Modbus TCP</li> <li>Yes</li> </ul> Modbus TCP         Yes           PROFIBUS         Yes           UL/CSA ratings         Yes           manufacturer's article number <ul> <li>of circuit breaker</li> <li>usable for Standard Faults at 460/480 V according to UL.</li> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL.</li> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL.</li> <li>usable for Standard Faults at 575/600 V according to UL.</li> <li>usable for Standard Faults at 575/600 V according to UL.</li> <li>usable for Standard Faults at 575/600 V according to UL.</li> <li>usable for Standard Faults up to 575/600 V according to UL.</li> <li>usable for High Faults at 575/600 V according to UL.</li> <li>usable for Standard Faults up to 575/600 V according to UL.</li> <li>usable for Standard Faults up to 575/600 V according to UL.</li> <li>usable for High Faults at inside-delta circuit according to UL.</li> <li>usable for Standard Faults at inside-delta circuit according to UL.</li> <li>usable for Standard Faults at inside-delta circuit according to UL.</li> <li>usable for Standard Faults at inside-delta circuit according to UL.</li> <li>usable for High Faults at inside-delta circuit accord</li></ul>	ENO a malifier al limita of a	
<ul> <li>PROFINET standard</li> <li>Yes</li> <li>EtherNet/IP</li> <li>Yes</li> <li>Modbus RTU</li> <li>Yes</li> <li>Modbus TCP</li> <li>PROFIBUS</li> <li>Yes</li> <li>ULCSA ratings</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 kA</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 kA</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 kA</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 kA</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 kA</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 kA</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 kA</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 kA</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 kA</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 kA</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 kA</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 kA</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 kA</li> <li>Siemens type: Class RK5 / K5, max. 350 A; Iq = 10 kA</li> <li>Coording to UL</li> <li>U. usable for Standard Faults up to 575/600 V</li> <li>Siemens type: Class RK5 / K5, max. 350 A; Iq = 10 kA</li> <li>Coording to UL</li> <li>Usable for Standard Faults at inside-delta circuit according to UL</li> <li>Usable for Standard Faults at inside-delta circuit according to UL</li> <li>Usable for Standard Faults at inside-delta circuit up to 575/600 V</li> <li>Class RK5 / K5, m</li></ul>		acc. to IEC 60947-4-2: Class A
<ul> <li>EtherNet/IP</li> <li>Yes</li> <li>Modbus RTU</li> <li>Yes</li> <li>Modbus TCP</li> <li>Yes</li> <li>PROFIBUS</li> <li>Yes</li> <li>UL/CSA ratings</li> <li>UL/CSA ratings</li> <li>Siemens type: 3VA52, max. 250 A; Iq = 10 KA</li> <li>according to UL</li> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit according to UL</li> <li>usable for Standard Faults at inside-delta circuit according to UL</li> <li>usable for Standard Faults at inside-delta circuit according to UL</li> <li>usable for Standard Faults at inside-delta circuit according to UL</li> <li>usable for Standard Faults at inside-delta circuit according to UL</li> <li>usable for High Faults at inside-delta circuit accord</li></ul>	Communication/ Protocol	acc. to IEC 60947-4-2: Class A
Modbus RTU     Yes     Modbus TCP     Yes     Yes     Yes     PROFIBUS     Yes      UL/CSA ratings      Turnification number     of circuit breaker         — usable for Standard Faults at 460/480 V         according to UL         — usable for Standard Faults at 460/480 V according         to UL         — usable for Standard Faults at 460/480 V according         to UL         — usable for Standard Faults at 460/480 V according         to UL         — usable for Standard Faults at 460/480 V at         inside-delta circuit according to UL         — usable for Standard Faults at 460/480 V at         delta circuit according to UL         — usable for Standard Faults at 460/480 V at         inside-delta circuit according to UL         — usable for Standard Faults at 575/600 V         according to UL         — usable for Standard Faults at 575/600 V at         inside-delta circuit according to UL         — usable for Standard Faults up to 575/600 V         according to UL         — usable for Fligh Faults up to 575/600 V         according to UL         — usable for Fligh Faults up to 575/600 V         according to UL         — usable for Fligh Faults up to 575/600 V         according to UL         — usable for Fligh Faults up to 575/600 V         according to UL         — usable for Fligh Faults up to 575/600 V         according to UL         — usable for Fligh Faults at inside-delta         circuit up to 575/600 V         according to UL         — usable for Fligh Faults at inside-delta         circuit up to 575/600 V         according to UL         — usable for Fligh Faults at inside-delta         circuit up to 575/600 V         according to UL         — usable for Fligh Faults at inside-delta         circuit up to 575/600 V         according to UL         — usable for Fligh Faults at inside-delta         circuit up to 575/600 V         according to UL         — usable for Fligh Faults at inside-delta         circuit up to 575/600 V         according to UL         — usable for Fligh Faults at inside-delta	Communication/ Protocol communication module is supported	
Modbus TCP     Yes     Yes     PROFIBUS     Yes  UL/CSA ratings  manufacturer's article number     of circuit breaker	Communication/ Protocol communication module is supported • PROFINET standard	Yes
PROFIBUS     Yes  UL/CSA ratings  manufacturer's article number     of circuit breaker     - usable for Standard Faults at 460/480 V     according to UL     - usable for Standard Faults at 460/480 V according     to UL     - usable for Standard Faults at 460/480 V at     inside-delta circuit according to UL     - usable for Standard Faults at 460/480 V at     inside-delta circuit according to UL     - usable for Standard Faults at 460/480 V at     inside-delta circuit according to UL     - usable for Standard Faults at 460/480 V at     inside-delta circuit according to UL     - usable for Standard Faults at 460/480 V at     inside-delta circuit according to UL     - usable for Standard Faults at 575/600 V     according to UL     - usable for Standard Faults at 575/600 V at     inside-delta circuit according to UL     - usable for Standard Faults at 575/600 V at     inside-delta circuit according to UL     - usable for Standard Faults up to 575/600 V     according to UL     - usable for Standard Faults up to 575/600 V     according to UL     - usable for Standard Faults up to 575/600 V     according to UL     - usable for Standard Faults up to 575/600 V     according to UL     - usable for Standard Faults up to 575/600 V     according to UL     - usable for Standard Faults up to 575/600 V     according to UL     - usable for Standard Faults up to 575/600 V     according to UL     - usable for Standard Faults up to 575/600 V     according to UL     - usable for Standard Faults up to 575/600 V     according to UL     - usable for High Faults up to 575/600 V     according to UL     - usable for High Faults up to 575/600 V     according to UL     - usable for Standard Faults at inside-delta     circuit up to 575/600 V     according to UL     - usable for Standard Faults at inside-delta     circuit up to 575/600 V     according to UL     - usable for Standard Faults up to 575/600 V     according to UL     - usable for High Faults at inside-delta circuit up     Type: Class RK5 / K5, max. 350 A; lq = 10 kA     cor	Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP	Yes Yes
UL/CSA ratings         manufacturer's article number         • of circuit breaker         - usable for Standard Faults at 460/480 V         according to UL         - usable for High Faults at 460/480 V according to UL         - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL         - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL         - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL         - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL         - usable for Standard Faults at 575/600 V according to UL         - usable for Standard Faults at 575/600 V according to UL         - usable for Standard Faults at 575/600 V according to UL         - usable for Standard Faults at 575/600 V according to UL         - usable for Standard Faults up to 575/600 V according to UL         - usable for Standard Faults up to 575/600 V according to UL         - usable for Standard Faults up to 575/600 V according to UL         - usable for High Faults up to 575/600 V according to UL         - usable for Standard Faults up to 575/600 V according to UL         - usable for Standard Faults up to 575/600 V according to UL         - usable for Standard Faults up to 575/600 V according to UL         - usable for Standard Faults up to 575/600 V according to UL         - usable for Standard Faults tinside-delta ci	Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU	Yes Yes Yes
manufacturer's article number       • of circuit breaker         - usable for Standard Faults at 460/480 V       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for High Faults at 460/480 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for High Faults at 460/480 V at inside-delta circuit according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults at 575/600 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults at 575/600 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults at 575/600 V according to UL       Siemens type: 3VA52, max. 250 A; lq = 10 kA         - usable for Standard Faults up to 575/600 V according to UL       Siemens type: 3VA52, max. 350 A; lq = 10 kA         - usable for Standard Faults up to 575/600 V according to UL       Type: Class RK5 / K5, max. 350 A; lq = 10 kA         - usable for High Faults at inside-delta circuit up to 575/600 V according to UL       Type: Class RK5 / K5, max. 350 A; lq = 10 kA         - usable for High Faults at inside-delta circuit up       Type: Class RK5 / K5, max. 350 A; lq = 10 kA         - usable for High Faults at i	Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus TCP	Yes Yes Yes Yes
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V</li> <li>according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta</li> <li>usable for High Faults at inside-delta</li></ul></li></ul>	Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS	Yes Yes Yes Yes
	Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS UL/CSA ratings	Yes Yes Yes Yes
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for High Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta circuit up</li> <li>Type: Class RK5 / K5, max. 350 A; lq = 10 kA</li> <li>Type: Class RK5 / K5, max. 350 A; lq = 10 kA</li> </ul>	Communication/ Protocol communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS UL/CSA ratings manufacturer's article number	Yes Yes Yes Yes
<ul> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for High Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults up to 575/600 V at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up</li> <li>Type: Class RK5 / K5, max. 350 A; Iq = 10 kA</li> <li>Type: Class RK5 / K5, max. 350 A; Iq = 10 kA</li> </ul>	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	Yes Yes Yes Yes Yes
<ul> <li>usable for High Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>of the fuse</li> <li>usable for Standard Faults up to 575/600 V at according to UL</li> <li>usable for Standard Faults up to 575/600 V at inside-delta circuit up to 575/600 V</li> <li>usable for Standard Faults up to 575/600 V</li> <li>usable for High Faults up to 575/600 V</li> <li>usable for High Faults up to 575/600 V</li> <li>usable for High Faults up to 575/600 V</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V</li> <li>usable for Standard Faults at inside-delta circuit up</li> <li>Type: Class RK5 / K5, max. 350 A; Iq = 10 kA</li> <li>Type: Class RK5 / K5, max. 350 A; Iq = 10 kA</li> </ul>	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 — usable for High Faults at 460/480 V according	Yes Yes Yes Yes Yes Siemens type: 3VA52, max. 250 A; lq = 10 kA
<ul> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>of the fuse</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up</li> <li>Type: Class RK5 / K5, max. 350 A; Iq = 10 kA</li> <li>Type: Class RK5 / K5, max. 350 A; Iq = 10 kA</li> </ul>	Communication/ Protocol  communication module is supported  PROFINET standard  EtherNet/IP Modbus RTU Modbus RTU Modbus TCP PROFIBUS  UL/CSA ratings  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard Faults at 460/480 V according to UL  usable for High Faults at 460/480 V at	Yes Yes Yes Yes Siemens type: 3VA52, max. 250 A; lq = 10 kA Siemens type: 3VA52, max. 250 A; lq max = 65 kA
<ul> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up</li> <li>Type: Class RK5 / K5, max. 350 A; Iq = 10 kA</li> <li>Type: Class RK5 / K5, max. 350 A; Iq = 10 kA</li> <li>Type: Class RK5 / K5, max. 350 A; Iq = 10 kA</li> </ul> </li> </ul>	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  usable for Standard Faults at 460/480 V at inside-delta circuit according to UL  usable for High Faults at 460/480 V at inside-delta circuit according to UL  usable for High Faults at 460/480 V at inside-delta circuit according to UL  usable for High Faults at 460/480 V at inside-delta circuit according to UL  usable for High Faults at 460/480 V at inside-delta circuit according to UL	Yes Yes Yes Yes Yes Siemens type: 3VA52, max. 250 A; lq = 10 kA Siemens type: 3VA52, max. 250 A; lq max = 65 kA Siemens type: 3VA52, max. 250 A; lq = 10 kA
<ul> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta circuit up</li> <li>Type: Class RK5 / K5, max. 350 A; lq = 10 kA</li> </ul> </li> </ul>	Communication/ Protocol  Communication module is supported  PROFINET standard  EtherNet/IP Modbus RTU Modbus TCP PROFIBUS  UL/CSA ratings  UL/CSA ratings  Manufacturer's article number of circuit breaker  usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V	Yes Yes Yes Yes Yes Siemens type: 3VA52, max. 250 A; lq = 10 kA Siemens type: 3VA52, max. 250 A; lq max = 65 kA Siemens type: 3VA52, max. 250 A; lq = 10 kA Siemens type: 3VA52, max. 250 A; lq max = 65 kA
according to UL       — usable for High Faults up to 575/600 V       Type: Class J / L, max. 350 A; Iq = 100 kA         — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL       Type: Class RK5 / K5, max. 350 A; Iq = 10 kA         — usable for High Faults at inside-delta circuit up       Type: Class J / L, max. 350 A; Iq = 10 kA	Communication/ Protocol  Communication module is supported  PROFINET standard  EtherNet/IP Modbus RTU Modbus TCP PROFIBUS  UL/CSA ratings  UL/CSA ratings  Manufacturer's article number  of circuit breaker  usable for Standard Faults at 460/480 V according to UL  usable for Standard Faults at 460/480 V at inside-delta circuit according to UL  usable for Standard Faults at 460/480 V at inside-delta circuit according to UL  usable for High Faults at 460/480 V at inside-delta circuit according to UL  usable for Standard Faults at 575/600 V according to UL  usable for Standard Faults at 575/600 V at	Yes Yes Yes Yes Yes Yes Siemens type: 3VA52, max. 250 A; lq = 10 kA Siemens type: 3VA52, max. 250 A; lq max = 65 kA Siemens type: 3VA52, max. 250 A; lq = 10 kA Siemens type: 3VA52, max. 250 A; lq = 10 kA
according to UL       — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL       Type: Class RK5 / K5, max. 350 A; lq = 10 kA         — usable for High Faults at inside-delta circuit up       Type: Class J / L, max. 350 A; lq = 100 kA	Communication/ Protocol communication module is supported PROFINET standard EtherNet/IP Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker - usable for Standard Faults at 460/480 V according to UL - usable for High Faults at 460/480 V at inside-delta circuit according to UL - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL - usable for High Faults at 460/480 V at inside-delta circuit according to UL - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL - usable for Standard Faults at 575/600 V according to UL - usable for Standard Faults at 575/600 V at inside-delta circuit according to UL	Yes Yes Yes Yes Yes Yes Siemens type: 3VA52, max. 250 A; lq = 10 kA Siemens type: 3VA52, max. 250 A; lq max = 65 kA Siemens type: 3VA52, max. 250 A; lq = 10 kA Siemens type: 3VA52, max. 250 A; lq max = 65 kA Siemens type: 3VA52, max. 250 A; lq max = 65 kA
<ul> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta circuit up</li> <li>Type: Class RK5 / K5, max. 350 A; lq = 10 kA</li> <li>Type: Class J / L, max. 350 A; lq = 100 kA</li> </ul>	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 - usable for High Faults at 460/480 V at inside-delta circuit according to UL - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL - usable for High Faults at 460/480 V at inside-delta circuit according to UL - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL - usable for Standard Faults at 575/600 V according to UL - usable for Standard Faults at 575/600 V at inside-delta circuit according to UL - usable for Standard Faults at 575/600 V at inside-delta circuit according to UL - usable for Standard Faults at 575/600 V at inside-delta circuit according to UL - usable for Standard Faults up to 575/600 V	Yes Yes Yes Yes Yes Siemens type: $3VA52$ , max. $250$ A; lq = $10$ kA Siemens type: $3VA52$ , max. $250$ A; lq max = $65$ kA Siemens type: $3VA52$ , max. $250$ A; lq max = $65$ kA Siemens type: $3VA52$ , max. $250$ A; lq = $10$ kA Siemens type: $3VA52$ , max. $250$ A; lq max = $65$ kA Siemens type: $3VA52$ , max. $250$ A; lq = $10$ kA Siemens type: $3VA52$ , max. $250$ A; lq = $10$ kA
	Communication/ Protocol  Communication module is supported  PROFINET standard  EtherNet/IP Modbus RTU Modbus RTU Modbus TCP PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard Faults at 460/480 V according to UL  usable for High Faults at 460/480 V at inside-delta circuit according to UL  usable for High Faults at 460/480 V at inside-delta circuit according to UL  usable for Standard Faults at 460/480 V at inside-delta circuit according to UL  usable for Standard Faults at 460/480 V at inside-delta circuit according to UL  usable for Standard Faults at 460/480 V at inside-delta circuit according to UL  usable for Standard Faults at 575/600 V according to UL  usable for Standard Faults up to 575/600 V according to UL  usable for High Faults up to 575/600 V	Yes Yes Yes Yes Yes Yes Siemens type: $3VA52$ , max. $250$ A; lq = $10$ kA Siemens type: $3VA52$ , max. $250$ A; lq max = $65$ kA Siemens type: $3VA52$ , max. $250$ A; lq = $10$ kA Siemens type: $3VA52$ , max. $250$ A; lq = $10$ kA Siemens type: $3VA52$ , max. $250$ A; lq = $10$ kA Siemens type: $3VA52$ , max. $250$ A; lq = $10$ kA Siemens type: $3VA52$ , max. $250$ A; lq = $10$ kA Siemens type: $3VA52$ , max. $250$ A; lq = $10$ kA
	Communication / Protocol communication module is supported PROFINET standard EtherNet/IP Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker - usable for Standard Faults at 460/480 V according to UL - usable for High Faults at 460/480 V at inside-delta circuit according to UL - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL - usable for Standard Faults at 460/480 V at inside-delta circuit according to UL - usable for Standard Faults at 575/600 V according to UL - usable for Standard Faults at 575/600 V at inside-delta circuit according to UL - usable for Standard Faults up to 575/600 V according to UL - usable for Standard Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes

operating power [hp]	-	i			dia	ntudong
• at 200/208 V at	50 °C rated value		30 hp		чии с	
• at 220/230 V at			30 hp			ucuuony
<ul> <li>at 460/480 V at 50 °C rated value</li> </ul>		75 hp			-	
<ul> <li>at 575/600 V at 50 °C rated value</li> </ul>		100 hp				
<ul> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> </ul>		50 hp				
• at 220/230 V at value	inside-delta circuit at	50 °C rated	60 hp			
• at 460/480 V at value	inside-delta circuit at	50 °C rated	125 hp	)		
• at 575/600 V at value	inside-delta circuit at	50 °C rated	150 hp	)		
contact rating of aux	iliary contacts acco	rding to UL	R300-E	B300		
afety related data	-	-				
protection class IP o 60529	n the front accordin	g to IEC	IP00; I	P20 with cover		
touch protection on t	the front according	to IEC 60529	finger-	safe, for vertical co	ntact from the front wi	th cover
electromagnetic com			-	ordance with IEC 60		
Certificates/ approvals						
General Product Ap			_			EMC
General Product Ap	provai					EWIC
				Ű	EHL	RCM
Declaration of Confo	ormity	Test Certifica	ates	Marine / Shipping	1	
CE EG-Konf.	UK CA	<u>Type Test Ce</u> ates/Test Re		ABS	B U REAU VERITAS	Lloyd's Register urs
Marine / Shipping		other				
PRS		<u>Confirmatic</u>	<u>nc</u>			
urther information						
Further information Information- and Dow https://www.siemens.c Industry Mall (Online https://mall.industry.sie	ordering system)		ŗ	RW5234-6AC15		
https://www.siemens.cc Industry Mall (Online https://mall.industry.sie Cax online generator http://support.automati	om/ic10 ordering system) emens.com/mall/en/e ion.siemens.com/WW	n/Catalog/product	t?mlfb=3l lt.aspx?la	ang=en&mlfb=3RW	<u>'5234-6AC15</u>	
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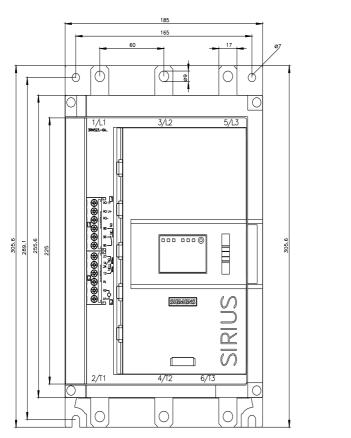
https://support.industry.siemens.com/cs/ww/en/ps/3RW5234-6AC15/char

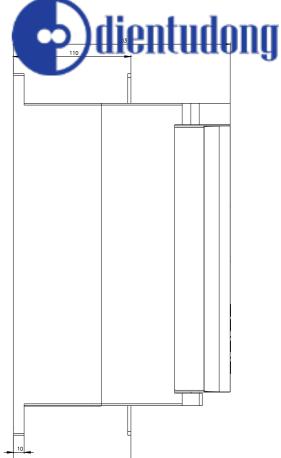
Characteristic: Installation altitude

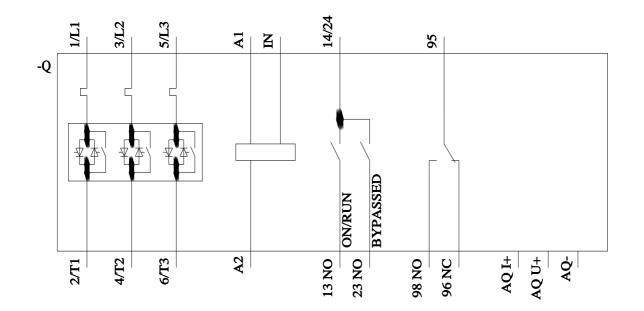
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5234-6AC15&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

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









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4/10/2022 🖸

