## SIEMENS

## Data sheet

## 3RW5243-2AC05



SIRIUS soft starter 200-600 V 210 A, 24 V AC/DC spring-type 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>	3VA2325-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10	
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3VA2325-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10	
<ul> <li>of circuit breaker usable at 400 V at inside-delta circuit</li> </ul>	3VA2440-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10	
<ul> <li>of circuit breaker usable at 500 V at inside-delta circuit</li> </ul>	3VA2440-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10	
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	2x3NA3354-6; Type of coordination 1, Iq = 65 kA	
<ul> <li>of the gG fuse usable at inside-delta circuit up to 500 V</li> </ul>	2x3NA3354-6; 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>	<u>3NE1230-2; 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>3NE3333; Type of coordination 2, Iq = 65 kA</u>	

## General technical data

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	
for main current circuit	100 ms
for control circuit	100 ms

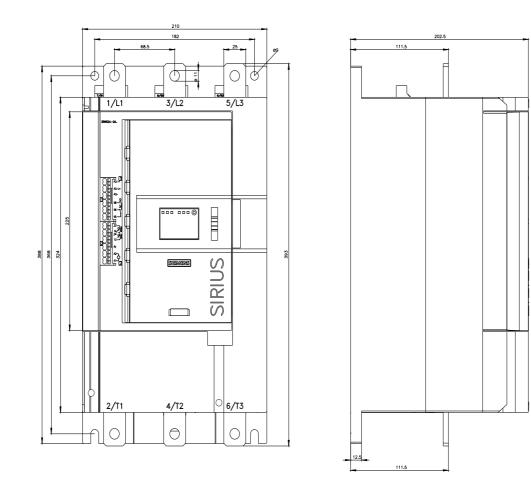
insulation voltage rated volve	600 \/				
insulation voltage rated value	600 V				
degree of pollution	3, acc. to IEC 60947-4-2				
impulse voltage rated value	6 kV				
blocking voltage of the thyristor maximum	1 600 V				
service factor	1				
surge voltage resistance rated value	6 kV				
maximum permissible voltage for protective separation					
between main and auxiliary circuit	600 V				
shock resistance	15 g / 11 ms, from 12 g / 11 ms with potential contact lifting				
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					
• 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				
<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				
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	210 A				
• at 50 °C rated value	186 A				
at 60 °C rated value	170 A				
operational current at inside-delta circuit					
• at 40 °C rated value	364 A				
• at 50 °C rated value	322 A				
at 60 °C rated value	294 A				
operating voltage	200 600 \/				
rated value     a st incide delta circuit rated value	200 600 V				
at inside-delta circuit rated value	200 600 \/				
relative negative tolerance of the operating voltage	200 600 V				
rolative positive telerance of the energing veltage	-15 %				
relative positive tolerance of the operating voltage	-15 % 10 %				
relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage at inside-delta circuit	-15 %				
relative negative tolerance of the operating voltage at	-15 % 10 %				
relative negative tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at	-15 % 10 % -15 %				
relative negative tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit	-15 % 10 % -15 %				
relative negative tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit operating power for 3-phase motors	-15 % 10 % -15 % 10 %				
relative negative tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit operating power for 3-phase motors • at 230 V at 40 °C rated value	-15 % 10 % -15 % 10 % 55 kW				
relative negative tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit operating power for 3-phase motors • at 230 V at 40 °C rated value • at 230 V at inside-delta circuit at 40 °C rated value	-15 % 10 % -15 % 10 % 55 kW 110 kW				
relative negative tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit operating power for 3-phase motors • at 230 V at 40 °C rated value • at 230 V at inside-delta circuit at 40 °C rated value • at 400 V at 40 °C rated value	-15 % 10 % -15 % 10 % 55 kW 110 kW 110 kW				

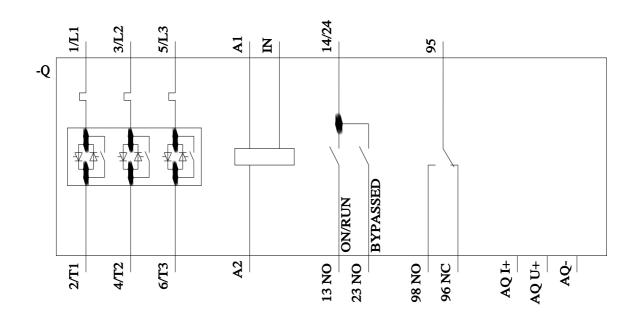
Operating frequency 1 rated value	50 Hz
Operating frequency 2 rated value	60 Hz
relative negative tolerance of the operating frequency	-10 %
relative positive tolerance of the operating frequency	10 %
adjustable motor current	
<ul> <li>at rotary coding switch on switch position 1</li> </ul>	90 A
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	98 A
<ul> <li>at rotary coding switch on switch position 3</li> </ul>	106 A
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	114 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	122 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	130 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	138 A
<ul> <li>at rotary coding switch on switch position 8</li> </ul>	146 A
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	154 A
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	162 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	170 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	178 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	186 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	194 A
at rotary coding switch on switch position 15	202 A
at rotary coding switch on switch position 16	210 A
minimum	90 A
djustable motor current	50/A
for inside-delta circuit at rotary coding switch on switch     position 1	156 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>	170 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>	184 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>	197 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> </ul>	211 A
• for inside-delta circuit at rotary coding switch on switch position 6	225 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> </ul>	239 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>	253 A 267 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	281 A
<ul> <li>for inside delta circuit at rotary coding switch on switch</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	294 A
position 11  • for inside-delta circuit at rotary coding switch on switch	308 A
<ul> <li>position 12</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	322 A
<ul> <li>position 13</li> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> </ul>	336 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 15</li> </ul>	350 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> </ul>	364 A
<ul> <li>at inside-delta circuit minimum</li> </ul>	156 A
ninimum load [%]	15 %; Relative to smallest settable le
ower loss [W] for rated value of the current at AC	
• at 40 °C after startup	75 W
• at 50 °C after startup	68 W
• at 60 °C after startup	63 W
power loss [W] at AC at current limitation 350 %	
• at 40 °C during startup	3 562 W
• at 50 °C during startup	2 979 W
• at 60 °C during startup	2 617 W

Control circuit/ Control					
type of voltage of the control supply voltage	AC/DC				
control supply voltage at AC					
• at 50 Hz rated value	24 V				
at 60 Hz rated value	24 V				
relative negative tolerance of the control supply voltage at AC at 50 Hz	-20 %				
relative positive tolerance of the control supply voltage at AC at 50 Hz	20 %				
relative negative tolerance of the control supply voltage at AC at 60 Hz	-20 %				
relative positive tolerance of the control supply voltage at AC at 60 Hz	20 %				
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 voltage					
at DC rated value	24 V				
relative negative tolerance of the control supply voltage at DC	-20 %				
relative positive tolerance of the control supply voltage at DC	20 %				
control supply current in standby mode rated value	160 mA				
holding current in bypass operation rated value	470 mA				
inrush current by closing the bypass contacts maximum	7.6 A				
inrush current peak at application of control supply voltage maximum	3.3 A				
duration of inrush current peak at application of control supply voltage	12.1 ms				
design of the overvoltage protection	Varistor				
design of short-circuit protection for control circuit	4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply				
Inputs/ Outputs					
number of digital inputs	1				
number of digital outputs	3				
not parameterizable	2				
digital output version	2 normally-open contacts (NO) / 1 changeover contact (CO)				
number of analog outputs switching capacity current of the relay outputs					
	2.4				
• at AC-15 at 250 V rated value	3 A				
• at DC-13 at 24 V rated value	1 A				
Installation/ mounting/ dimensions					
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back				
fastening method	screw fixing				
height	393 mm				
width	210 mm				
depth	203 mm				
required spacing with side-by-side mounting					
<ul> <li>forwards</li> </ul>	10 mm				
	0 mm				
<ul> <li>backwards</li> </ul>	0 mm				
backwards     upwards	100 mm				
• upwards	100 mm				
<ul><li>upwards</li><li>downwards</li></ul>	100 mm 75 mm				
<ul><li>upwards</li><li>downwards</li><li>at the side</li></ul>	100 mm 75 mm 5 mm				
upwards     downwards     at the side  weight without packaging  Connections/ Terminals	100 mm 75 mm 5 mm				
upwards     downwards     at the side  weight without packaging  Connections/ Terminals  type of electrical connection	100 mm 75 mm 5 mm 9.9 kg				
upwards     downwards     at the side  weight without packaging  Connections/ Terminals  type of electrical connection      for main current circuit	100 mm 75 mm 5 mm 9.9 kg busbar connection				
upwards     downwards     at the side  weight without packaging  Connections/ Terminals  type of electrical connection      for main current circuit      for control circuit	100 mm 75 mm 5 mm 9.9 kg busbar connection spring-loaded terminals				
upwards     downwards     at the side  weight without packaging  Connections/ Terminals  type of electrical connection      for main current circuit	100 mm 75 mm 5 mm 9.9 kg busbar connection				

<ul> <li>for DIN cable lug for main contacts stranded</li> </ul>	2x (50 240 mm²)				
<ul> <li>for DIN cable lug for main contacts finely stranded</li> </ul>	2x (70 240 mm²)				
type of connectable conductor cross-sections					
<ul> <li>for control circuit solid</li> </ul>	2x (0.25 1.5 mm <sup>2</sup> )				
<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	2x (0.25 1.5 mm²)				
<ul> <li>for AWG cables for control circuit solid</li> </ul>	2x (24 16)				
<ul> <li>for AWG cables for control circuit finely stranded with</li> </ul>	2x (24 16)				
core end processing					
wire length					
between soft starter and motor maximum	800 m				
at the digital inputs at AC maximum	100 m				
at the digital inputs at DC maximum	1 000 m				
tightening torque					
for main contacts with screw-type terminals	14 24 N·m				
<ul> <li>for auxiliary and control contacts with screw-type terminals</li> </ul>	0.8 1.2 N·m				
tightening torque [lbf·in]					
<ul> <li>for main contacts with screw-type terminals</li> </ul>	124 210 lbf-in				
<ul> <li>for auxiliary and control contacts with screw-type</li> </ul>	7 10.3 lbf-in				
terminals					
Ambient conditions					
installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog				
ambient temperature					
during operation	-25 +60 °C; Please observe derating at temperatures of 40 °C or above				
during storage and transport	-40 +80 °C				
environmental category					
<ul> <li>during operation according to IEC 60721</li> </ul>	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2				
	(sand must not get into the devices), 3M6				
<ul> <li>during storage according to IEC 60721</li> </ul>	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get				
a during transport apparding to IEC 60721	inside the devices), 1M4				
• during transport according to IEC 60721  EMC emitted interference	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) acc. to IEC 60947-4-2: Class A				
Communication/ Protocol	acc. to fee 00947-4-2. Class A				
communication module is supported	Vee				
PROFINET standard	Yes				
• EtherNet/IP	Yes				
Modbus RTU	Yes				
Modbus TCP	Yes				
DDOFIDUO	No.				
PROFIBUS	Yes				
UL/CSA ratings	Yes				
UL/CSA ratings manufacturer's article number	Yes				
UL/CSA ratings manufacturer's article number • of circuit breaker					
UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according	Yes Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA				
UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA				
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	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA				
UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA				
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-	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA				
UL/CSA ratings 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 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</li> </ul>	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA				
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 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 according	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA				
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 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 inside-	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA				
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 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 Standard Faults at 575/600 V according to UL         — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA				
UL/CSA ratings manufacturer's article number <ul> <li>of circuit breaker</li></ul>	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA				
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 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 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 at inside-delta circuit according to UL         • of the fuse         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 10 kA				
<ul> <li>UL/CSA ratings</li> <li>manufacturer's article number</li> <li>of circuit breaker <ul> <li>usable for Standard Faults at 460/480 V 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 High 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 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> </ul> </li> </ul>	Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq max = 65 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq max = 65 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA				
<ul> <li>UL/CSA ratings</li> <li>manufacturer's article number</li> <li>of circuit breaker <ul> <li>usable for Standard Faults at 460/480 V 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 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 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 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> </ul> </li> </ul>	Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq max = 65 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq max = 65 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Type: Class J / L, max. 700 A; lq = 10 kA Type: Class J / L, max. 700 A; lq = 10 kA				
UL/CSA ratings         manufacturer's article number         • of circuit breaker	Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq max = 65 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq max = 65 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Siemens type: $3VA53$ , max. 400 A or $3VA54$ , max. 600 A; lq = 10 kA Type: Class J / L, max. 700 A; lq = 10 kA Type: Class J / L, max. 700 A; lq = 10 kA				

• at 460/480 V at 50 °C rated value		150 hp			
• at 575/600 V at 50 °C rated value		150 hp			
• at 200/208 V at inside-delta circuit at	t 50 °C rated value	100 hp			
• at 220/230 V at inside-delta circuit at	t 50 °C rated value	125 hp			
• at 460/480 V at inside-delta circuit at	t 50 °C rated value	250 hp			
• at 575/600 V at inside-delta circuit at	t 50 °C rated value	300 hp			
contact rating of auxiliary contacts acco	ording to UL	R300-B300			
Safety related data	<b>J</b>				
protection class IP on the front accordin	ng to IEC 60529	IP00; IP20 with cov	/er		
touch protection on the front according	0	finger-safe, for vertical contact from the front with cover			er
electromagnetic compatibility		in accordance with IEC 60947-4-2			
Certificates/ approvals					
General Product Approval					EMC
					LING
Confirmation				EHC	
Declaration of Conformity	Test Certificat	es Marine / Sl	nipping		
UK CA EG-Konf.	<u>Type Test Cer</u> <u>ates/Test Re</u>		s	B U R E A U VER ITAS	Lloyd's Register
Marine / Shipping other Confirmation PRS					
urther information Siemens has decided to exit the Russian https://press.siemens.com/global/en/press Siemens is working on the renewal of th	release/siemens-wind-do				
Please contact your local Siemens office of EAC relevant market (other than the sancti Information on the packaging https://support.industry.siemens.com/cs/ww	n the status of validity of oned EAEU member sta	the EAC certification		mport or offer to su	pply these products to an
Information- and Downloadcenter (Catal					
https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/e	en/Catalog/product2mlfb	=3RW5243-24005			
Cax online generator		<u> </u>			
http://support.automation.siemens.com/WV			/5243-2AC05		
Service&Support (Manuals, Certificates, https://support.industry.siemens.com/cs/ww					
Image database (product images, 2D dir http://www.automation.siemens.com/bilddb	nension drawings, 3D	models, device circu		PLAN macros,)	
Characteristic: Tripping characteristics,					
https://support.industry.siemens.com/cs/ww Characteristic: Installation altitude http://www.automation.siemens.com/bilddb	v/en/ps/3RW5243-2AC0	<u>5/char</u>		=148 gridview-vie	w1
Simulation Tool for Soft Starters (STS) https://support.industry.siemens.com/cs/wy		<u>0600000000000000000000000000000000000</u>	ιουσαουμουιγμε		<u>** 1</u>





1/14/2023 🖸