## **SIEMENS**

product brand name product category

Data sheet 3RW5236-2TC04

SIRIUS

Hybrid switching devices



SIRIUS soft starter 200-480 V 171 A, 24 V AC/DC spring-type terminals Thermistor input

product category	Tybrid Switching devices	
product designation	Soft starter	
product type designation	3RW52	
manufacturer's article number		
<ul> <li>of standard HMI module usable</li> </ul>	3RW5980-0HS00	
<ul> <li>of high feature HMI module usable</li> </ul>	3RW5980-0HF00	
<ul> <li>of communication module PROFINET standard usable</li> </ul>	3RW5980-0CS00	
<ul> <li>of communication module PROFIBUS usable</li> </ul>	3RW5980-0CP00	
<ul> <li>of communication module Modbus TCP usable</li> </ul>	3RW5980-0CT00	
<ul> <li>of communication module Modbus RTU usable</li> </ul>	3RW5980-0CR00	
<ul> <li>of communication module Ethernet/IP</li> </ul>	3RW5980-0CE00	
<ul> <li>of circuit breaker usable at 400 V</li> </ul>	3VA2325-7MN32-0AA0; Type of coordination 1, Iq = 30 kA, CLASS 10	
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3VA2325-7MN32-0AA0; Type of coordination 1, Iq = 10 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 = 30 kA, CLASS 10	
• of circuit breaker usable at 500 V at inside-delta circuit	3VA2440-7MN32-0AA0; Type of coordination 1, Iq = 10 kA, CLASS 10	
• of the gG fuse usable up to 690 V	3NA3365-6; Type of coordination 1, Iq = 65 kA	
• of the gG fuse usable at inside-delta circuit up to 500 V	3NA3365-6; 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>	3NE1230-0; Type of coordination 2, Iq = 65 kA	
<ul> <li>of back-up R fuse link for semiconductor protection usable up to 690 V</li> </ul>	3NE3335; Type of coordination 2, Iq = 65 kA	
Seneral technical data		
starting voltage [%]	30 100 %	
stopping voltage [%]	50 %; non-adjustable	
start-up ramp time of soft starter	0 20 s	
current limiting value [%] adjustable	130 700 %	
certificate of suitability		
CE marking	Yes	
UL approval	Yes	
CSA approval	Yes	
product component		
HMI-High Feature	No	
• is supported HMI-Standard	Yes	
• is supported HMI-High Feature	Yes	
product feature integrated bypass contact system	Yes	
number of controlled phases	3	
trip class	CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2	
buffering time in the event of power failure		
<ul><li>buffering time in the event of power failure</li><li>for main current circuit</li></ul>	100 ms	

inculation valtage rated value	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	1 400 V		
service factor	1		
surge voltage resistance rated value	6 kV		
maximum permissible voltage for protective separation			
between main and auxiliary circuit	600 V		
shock resistance	15 g / 11 ms, from 12 g / 11 ms with potential contact lifting		
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		
<ul><li>ramp-down (soft stop)</li></ul>	Yes		
Soft Torque	Yes		
adjustable current limitation	Yes		
pump ramp down	Yes		
intrinsic device protection	Yes		
motor overload protection	Yes; Full motor protection (thermistor motor protection and electronic motor overload protection)		
<ul> <li>evaluation of thermistor motor protection</li> </ul>	Yes; Type A PTC or Klixon / Thermoclick		
• 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		
<ul><li>error logbook</li></ul>	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		
analog output	No		
Power Electronics			
operational current			
<ul> <li>at 40 °C rated value</li> </ul>	171 A		
at 50 °C rated value	153 A		
at 60 °C rated value	141 A		
operational current at inside-delta circuit			
• at 40 °C rated value	296 A		
● at 50 °C rated value	265 A		
at 60 °C rated value	244 A		
operating voltage			
• rated value	200 480 V		
at inside-delta circuit rated value	200 480 V		
relative negative tolerance of the operating voltage	-15 %		
relative positive tolerance of the operating voltage	10 %		
relative negative tolerance of the operating voltage at inside-delta circuit	-15 % 		
relative positive tolerance of the operating voltage at inside-delta circuit	10 %		
operating power for 3-phase motors			
at 230 V at 40 °C rated value	45 kW		
• at 230 V at inside-delta circuit at 40 °C rated value	90 kW		
• at 400 V at 40 °C rated value	90 kW		
• at 400 V at inside-delta circuit at 40 °C rated value	160 kW		
Operating frequency 1 rated value	50 Hz		
Operating frequency 2 rated value	60 Hz		

relative negative tolerance of the operating frequency	-10 % 10 %
relative positive tolerance of the operating frequency	10 %
adjustable motor current	04.4
at rotary coding switch on switch position 1	81 A
at rotary coding switch on switch position 2	87 A
at rotary coding switch on switch position 3	93 A
at rotary coding switch on switch position 4	99 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	105 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	111 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	117 A
<ul> <li>at rotary coding switch on switch position 8</li> </ul>	123 A
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	129 A
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	135 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	141 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	147 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	153 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	159 A
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	165 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	171 A
• minimum	81 A
adjustable motor current	
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> </ul>	140 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>	151 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>	161 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>	171 A
for inside-delta circuit at rotary coding switch on switch position 5	182 A
for inside-delta circuit at rotary coding switch on switch position 6      for inside delta circuit at rotary coding switch on switch position 6	192 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	203 A 213 A
position 8  • for inside-delta circuit at rotary coding switch on switch	223 A
position 9  • for inside-delta circuit at rotary coding switch on switch	234 A
position 10  • for inside-delta circuit at rotary coding switch on switch	244 A
position 11 • for inside-delta circuit at rotary coding switch on switch	255 A
<ul><li>position 12</li><li>for inside-delta circuit at rotary coding switch on switch</li></ul>	265 A
position 13 • for inside-delta circuit at rotary coding switch on switch	275 A
for inside-delta circuit at rotary coding switch on switch	286 A
<ul> <li>position 15</li> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> </ul>	296 A
at inside-delta circuit minimum	140 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	1.5 7.5, Modulito to diffusion della di la
• at 40 °C after startup	63 W
• at 50 °C after startup	58 W
•	56 VV 54 W
at 60 °C after startup  nower loss IWI at AC at current limitation 350 %.	₩ ¥¥
power loss [W] at AC at current limitation 350 %	2.405 W
at 40 °C during startup  at 50 °C during startup	2 405 W
at 50 °C during startup  at 60 °C during	2 037 W
at 60 °C during startup	1 826 W
ontrol circuit/ Control	

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	380 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	0
switching capacity current of the relay outputs	
• at AC-15 at 250 V rated value	3 A
<ul> <li>at DC-13 at 24 V rated value</li> </ul>	
a. 50 .0 a. 5	1 A
Installation/ mounting/ dimensions	1 A
	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
Installation/ mounting/ dimensions	with vertical mounting surface +/-90° rotatable, with vertical mounting surface
Installation/ mounting/ dimensions mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
Installation/ mounting/ dimensions mounting position fastening method	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing
Installation/ mounting/ dimensions mounting position  fastening method height width depth	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm
Installation/ mounting/ dimensions mounting position  fastening method height width	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm
Installation/ mounting/ dimensions mounting position  fastening method height width depth	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm
Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm
Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards	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
Installation/ mounting/ dimensions  mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards	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
Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side	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
Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 100 mm
Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side	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
Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side  weight without packaging  Connections/ Terminals type of electrical connection	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 100 mm 100 mm 75 mm 5 mm 5 mm 7.15 kg
Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals	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
Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side  weight without packaging  Connections/ Terminals type of electrical connection	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 100 mm 100 mm 75 mm 5 mm 5 mm 7.15 kg
Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit	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 7.15 kg
Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging  Connections/ Terminals type of electrical connection • for main current circuit • for control circuit	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 100 mm 100 mm 75 mm 5 mm 7.15 kg
Installation/ mounting/ dimensions mounting position  fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging  Connections/ Terminals type of electrical connection • for main current circuit • for control circuit width of connection bar maximum	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 100 mm 100 mm 75 mm 5 mm 7.15 kg

• with conductor cross-section = 2.5 mm² maximum	250 m	
type of connectable conductor cross-sections		
<ul> <li>for DIN cable lug for main contacts stranded</li> </ul>	2x (16 95 mm²)	
for DIN cable lug for main contacts finely stranded	2x (25 120 mm²)	
type of connectable conductor cross-sections		
<ul> <li>for control circuit solid</li> </ul>	2x (0.25 1.5 mm²)	
<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	2x (0.25 1.5 mm²)	
<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 core end processing</li> </ul>	2x (24 16)	
wire length		
<ul> <li>between soft starter and motor maximum</li> </ul>	800 m	
at the digital inputs at AC maximum	100 m	
at the digital inputs at DC maximum	1 000 m	
tightening torque		
<ul> <li>for main contacts with screw-type terminals</li> </ul>	10 14 N·m	
<ul> <li>for auxiliary and control contacts with screw-type</li> </ul>	0.8 1.2 N·m	
terminals		
tightening torque [lbf·in]		
<ul> <li>for main contacts with screw-type terminals</li> </ul>	89 124 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		
<ul> <li>during operation</li> </ul>	-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 inside the devices), 1M4	
a during transport asserting to IEO 00704	21/2 20/4 20/4 20/2 (many fall beight 0.2 m)	
during transport according to IEC 60721	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)	
during transport according to IEC 60/21  EMC emitted interference	acc. to IEC 60947-4-2: Class A	
EMC emitted interference		
EMC emitted interference Communication/ Protocol		
EMC emitted interference  Communication/ Protocol  communication module is supported	acc. to IEC 60947-4-2: Class A	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard	acc. to IEC 60947-4-2: Class A Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP	acc. to IEC 60947-4-2: Class A  Yes Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU	Yes Yes Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS	Yes Yes Yes Yes Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP	Yes Yes Yes Yes Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number	Yes Yes Yes Yes Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according	Yes Yes Yes Yes Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL	Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  — usable for Standard Faults at 460/480 V at inside-	Yes Yes Yes Yes Yes Yes Yes Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  — usable for Standard Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 460/480 V at insidedelta	Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  — usable for High Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 460/480 V at insidedelta circuit according to UL  — usable for Standard Faults at 450/480 V at insidedelta circuit according to UL  — usable for Standard Faults at 575/600 V according	Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  — usable for High Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 460/480 V at insidedelta circuit according to UL  — usable for Standard Faults at 575/600 V according to UL  — usable for Standard Faults at 575/600 V at insidedelta circuit according to UL  — usable for Standard Faults at 575/600 V at insidedelta circuit according to UL	Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  — usable for High Faults at 460/480 V according to UL  — usable for Standard Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 460/480 V at insidedelta 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	Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  — usable for High Faults at 460/480 V according to UL  — usable for Standard Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 450/480 V at insidedelta circuit according to UL  — usable for Standard Faults at 575/600 V according to UL  — usable for Standard Faults at 575/600 V at insidedelta circuit according to UL  — usable for Standard Faults at 575/600 V at insidedelta circuit according to UL  • of the fuse  — usable for Standard Faults up to 575/600 V	Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  — usable for Standard Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 460/480 V at insidedelta circuit according to UL  — usable for Standard Faults at 575/600 V according to UL  — usable for Standard Faults at 575/600 V at insidedelta circuit according to UL  — usable for Standard Faults up to 575/600 V according to UL  • of the fuse  — usable for Standard Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL	Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus TCP  PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard Faults at 460/480 V according to UL  usable for High Faults at 460/480 V according to UL  usable for Standard Faults at 460/480 V at insidedelta circuit according to UL  usable for High Faults at 460/480 V at insidedelta circuit according to UL  usable for High Faults at 460/480 V at insidedelta circuit according to UL  usable for Standard Faults at 575/600 V according to UL  usable for Standard Faults at 575/600 V at insidedelta 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 Standard Faults at inside-delta circuit up	Yes	
EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  — usable for High Faults at 460/480 V according to UL  — usable for Standard Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 460/480 V at insidedelta circuit according to UL  — usable for High Faults at 575/600 V according to UL  — usable for Standard Faults at 575/600 V at insidedelta circuit according to UL  — usable for Standard Faults at 575/600 V at insidedelta circuit according to UL  — usable for Standard Faults up to 575/600 V according to UL  • of the fuse  — 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	Yes	
EMC emitted interference  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 according to UL  usable for Standard Faults at 460/480 V at insidedelta circuit according to UL  usable for High Faults at 460/480 V at insidedelta circuit according to UL  usable for Standard Faults at 575/600 V according to UL  usable for Standard Faults at 575/600 V at insidedelta circuit according to UL  usable for Standard Faults up to 575/600 V according to UL  of the fuse  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 High Faults at inside-delta circuit up to 575/600 V according to UL  usable for High Faults at inside-delta circuit up to	Yes	

<ul> <li>at 200/208 V at 50 °C rated value</li> </ul>	50 hp	
***		
<ul> <li>at 220/230 V at 50 °C rated value</li> </ul>	50 hp	
<ul> <li>at 460/480 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>	75 hp	
<ul> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> </ul>	100 hp	
• at 460/480 V at inside-delta circuit at 50 °C rated value	200 hp	
contact rating of auxiliary contacts according to UL	R300-B300	
Safety related data		
protection class IP on the front according to IEC 60529	IP00; IP20 with cover	
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front with cover	
electromagnetic compatibility	in accordance with IEC 60947-4-2	
Certificates/ approvals		
General Product Approval		EMC

**(1)** 



Confirmation







**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping

other



Confirmation

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

 $\underline{\text{https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5236-2TC04}}$ 

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5236-2TC04

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5236-2TC04

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04\&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04\&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04\&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04\&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04\&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04\&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=endersetation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=endersetation.siemens.com/bilddb/cax_de.aspx.com/bildd$ 

Characteristic: Tripping characteristics,  $I^2t$ , Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RW5236-2TC04/char

Characteristic: Installation altitude

 $\underline{\text{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5236-2TC04\&objecttype=14\&gridview=view1}$ 

Simulation Tool for Soft Starters (STS)

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







