## SIEMENS

## Data sheet

## 3RW5236-2TC04



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

product brand name	SIRIUS
product brand name	Hybrid switching devices
product designation	Soft starter
product designation	3RW52
manufacturer's article number	5111152
of standard HMI module usable	3RW5980-0HS00
	3RW5980-0H500
<ul> <li>of high feature HMI module usable</li> <li>of communication module PROFINET standard</li> </ul>	
usable	<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 = 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
<ul> <li>of circuit breaker usable at 500 V at inside-delta circuit</li> </ul>	3VA2440-7MN32-0AA0; Type of coordination 1, Iq = 10 kA, CLASS 10
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	3NA3365-6: Type of coordination 1, Iq = 65 kA
<ul> <li>of the gG fuse usable at inside-delta circuit up to 500 V</li> </ul>	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
eneral technical data	
starting voltage [%]	30 100 %
stopping voltage [%]	50 50 %
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 is supported	
HMI-Standard	Yes
HMI-High Feature	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 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 safe isolation	
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 acc. to IEC 60947-4-2	AC 53a
reference code acc. to IEC 81346-2	Q
Substance Prohibitance (Date)	15.02.2018 00:00:00
product function	
• ramp-up (soft starting)	Yes
• ramp-down (soft stop)	Yes
Soft Torque	Yes
adjustable current limitation	Yes
pump ramp down	Yes
	Yes
intrinsic device protection	
<ul> <li>motor overload protection</li> </ul>	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
<ul> <li>inside-delta circuit</li> </ul>	Yes
auto-RESET	Yes
manual RESET	Yes
<ul> <li>remote reset</li> </ul>	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
<ul> <li>analog output</li> </ul>	No
Power Electronics	
operational current	
• at 40 °C rated value	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	-15 %
inside-delta circuit	

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>	45 kW
<ul> <li>at 230 V at inside-delta circuit at 40 °C rated value</li> </ul>	90 kW
<ul> <li>at 400 V at 40 °C rated value</li> </ul>	90 kW
<ul> <li>at 400 V at inside-delta circuit at 40 °C rated value</li> </ul>	160 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>	81 A
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	87 A
<ul> <li>at rotary coding switch on switch position 3</li> </ul>	93 A
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	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
• at rotary coding switch on switch position 13	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
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> </ul>	182 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> </ul>	192 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> </ul>	203 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 8</li> </ul>	213 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 9</li> </ul>	223 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> </ul>	234 A
• for inside-delta circuit at rotary coding switch on switch position 11	244 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 12</li> <li>for inside delta circuit at rotary coding switch on</li> </ul>	255 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 13</li> </ul>	265 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> </ul>	275 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 15</li> <li>for inside delta circuit at rotary coding switch on</li> </ul>	286 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> </ul>	296 A

<ul> <li>at inside-delta circuit minimum</li> </ul>	140 A
	140 A 15 %: Relative to smallest settable le
minimum load [%]	15 %, Relative to smallest settable le
<ul> <li>power loss [W] for rated value of the current at AC</li> <li>at 40 °C after startup</li> </ul>	63 W
• at 50 °C after startup	58 W
• at 60 °C after startup	54 W
power loss [W] at AC at current limitation 350 %	0.405 W
• at 40 °C during startup	2 405 W
• at 50 °C during startup	2 037 W
• at 60 °C during startup	1 826 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	380 mA
locked-rotor current at close of bypass contact 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 inputs for thermistor connection	1; Type A PTC or Klixon / Thermoclick
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
• 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	306 mm

width	185 mm
depth	203 mm
required spacing with side-by-side mounting	
• forwards	10 mm
backwards	0 mm
• upwards	100 mm
downwards	75 mm
at the side	5 mm
weight without packaging	7.15 kg
Connections/ Terminals	
type of electrical connection	
for main current circuit	busbar connection
for control circuit	spring-loaded terminals
width of connection bar maximum	25 mm
wire length for thermistor connection	20 1111
<ul> <li>with conductor cross-section = 0.5 mm<sup>2</sup> maximum</li> </ul>	50 m
<ul> <li>with conductor cross-section = 0.5 mm<sup>2</sup> maximum</li> <li>with conductor cross-section = 1.5 mm<sup>2</sup> maximum</li> </ul>	150 m
<ul> <li>with conductor cross-section = 2.5 mm² maximum</li> </ul>	250 m
• will conductor cross-section = 2.5 mill maximum	
for DIN cable lug for main contacts stranded	2x (16 95 mm²)
<ul> <li>for DIN cable lug for main contacts stranded</li> <li>for DIN cable lug for main contacts finely stranded</li> </ul>	2x (10 95 mm <sup>2</sup> ) 2x (25 120 mm <sup>2</sup> )
type of connectable conductor cross-sections	28 (25 120 mm )
for control circuit solid	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>at AWG cables for control circuit solid</li> </ul>	2x (24 16)
• at AWG cables for control circuit finely stranded with	2x (24 16)
core end processing	
wire length	
<ul> <li>between soft starter and motor maximum</li> </ul>	800 m
<ul> <li>at the digital inputs at AC maximum</li> </ul>	100 m
<ul> <li>at the digital inputs at DC maximum</li> </ul>	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]	
for main contacts with screw-type terminals	89 124 lbf·in
<ul> <li>for auxiliary and control contacts with screw-type terminals</li> </ul>	7 10.3 lbf·in
Ambient conditions	
	5 000 m: Derating as of 1000 m, see estalog
installation altitude at height above sea level maximum ambient temperature	5 000 m; Derating as of 1000 m, see catalog
during operation	-25 +60 °C; Please observe derating at temperatures of 40 °C or
	above
<ul> <li>during storage and transport</li> </ul>	-40 +80 °C
environmental category	
<ul> <li>during operation acc. 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 acc. to IEC 60721</li> </ul>	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must
	not get inside the devices), 1M4
during transport acc. 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/ Protocol	
communication module is supported	
PROFINET standard	Yes
• EtherNet/IP	Yes
Modbus RTU	Yes
Modbus TCP	Yes
PROFIBUS	Yes

manufacturer's article number         • of circuit breaker
<ul> <li>usable for Standard Faults at 460/480 V</li> <li>usable for High Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V at coording 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</li> <li>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 coording to UL</li> <li>usable for Standard Faults at 575/600 V at coording to UL</li> <li>usable for Standard Faults up to 575/600 V at coording 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</li> <li>according to UL</li> <li>usable for Standard Faults up to 575/600 V</li> <li>according to UL</li> <li>usable for Standard Faults up to 575/600 V</li> <li>according to UL</li> <li>usable for High Faults up to 575/600 V</li> <li>according to UL</li> <li>usable for Standard Faults at inside-delta</li> <li>circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta</li> <li>circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta</li> <li>circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta</li> <li>circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta</li> <li>circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta</li> <li>circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta</li> <li>to 75/600 V according to UL</li> <li>usable for High Faults at 50 °C rated</li></ul>
according to UL 
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-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 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 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 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 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 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 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 Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit at 50 °C rated value is at 220/230 V at 50 °C rated value is at 220/230 V at inside-delta circuit at 50 °C rated value
<ul> <li>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</li> <li>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 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 Fland Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>— usable for Fland Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>— usable for Fland Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>— usable for Fligh 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 Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>— usable for Fligh Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>Type: Class RK5 / K5, max. 400 A; lq = 10 kA</li> <li>Type: Class J / L, max. 350 A; lq = 100 kA</li> <li>Type: Class J / L, max. 350 A; lq = 100 kA</li> <li>50 hp</li> <li>at 200/208 V at 50 °C rated value</li> <li>50 hp</li> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li></li></ul>
delta circuit according to ULSiemens type: 3VA52, max. 250 A; lq = 10 kA
according to ULSiemens type: 3VA52, max. 250 A; lq = 10 kA usable for Standard Faults at 575/600 V at inside-delta circuit according to ULSiemens type: 3VA52, max. 250 A; lq = 10 kA usable for Standard Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 400 A; lq = 10 kA usable for Standard Faults up to 575/600 V according to ULType: Class J / L, max. 350 A; lq = 100 kA usable for Standard Faults up to 575/600 V 
Inside-delta circuit according to ULAnd the fuse- usable for Standard Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 400 A; lq = 10 kA- usable for High Faults up to 575/600 V according to ULType: Class J / L, max. 350 A; lq = 100 kA- usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 400 A; lq = 10 kA- usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 400 A; lq = 10 kA- usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 350 A; lq = 100 kA- usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 350 A; lq = 100 kA- usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 350 A; lq = 100 kA- usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 350 A; lq = 100 kA- usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 350 A; lq = 100 kA- usable for High Faults at inside-delta circuit at 50 °C rated value50 hp- at 220/230 V at inside-delta circuit at 50 °C rated value100 hp- at 220/230 V at inside-delta circuit at 50 °C rated value100 hp
— usable for Standard Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 400 A; lq = 10 kA— usable for High Faults up to 575/600 V according to ULType: Class J / L, max. 350 A; lq = 100 kA— usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 400 A; lq = 10 kA— usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 400 A; lq = 10 kA— usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 350 A; lq = 100 kA• at 200/208 V at 50 °C rated value50 hp• at 220/230 V at 50 °C rated value50 hp• at 220/230 V at 50 °C rated value100 hp• at 220/230 V at inside-delta circuit at 50 °C rated value75 hp• at 220/230 V at inside-delta circuit at 50 °C rated value100 hp
according to ULType: Class J / L, max. 350 A; Iq = 100 kA usable for High Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 400 A; Iq = 10 kA usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 400 A; Iq = 10 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 350 A; Iq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 350 A; Iq = 100 kAoperating power [hp] for 3-phase motors
according to ULType: Class RK5 / K5, max. 400 A; lq = 10 kA usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 400 A; lq = 10 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 350 A; lq = 100 kAoperating power [hp] for 3-phase motors
circuit up to 575/600 V according to ULType: Class J / L, max. 350 A; lq = 100 kA usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 350 A; lq = 100 kAoperating power [hp] for 3-phase motors50 hp- at 200/208 V at 50 °C rated value50 hp- at 220/230 V at 50 °C rated value50 hp- at 460/480 V at 50 °C rated value100 hp- at 200/208 V at inside-delta circuit at 50 °C rated75 hp- at 220/230 V at inside-delta circuit at 50 °C rated100 hp
to 575/600 V according to ULIf the function of the fu
<ul> <li>at 200/208 V at 50 °C rated value</li> <li>at 220/230 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>by the text of the text of tex of text of tex of text of text of text of tex</li></ul>
<ul> <li>at 220/230 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> </ul>
<ul> <li>at 460/480 V at 50 °C rated value</li> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>100 hp</li> <li>100 hp</li> </ul>
<ul> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> </ul>
value • at 220/230 V at inside-delta circuit at 50 °C rated 100 hp value
value
• at 460/480 V at inside-delta circuit at 50 °C rated 200 hp
value
contact rating of auxiliary contacts according to UL R300-B300
Safety related data
protection class IP on the front acc. to IEC 60529 IP00; IP20 with cover
touch protection on the front acc. 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 Declaration of Conformity
CSA CCC UL LILL RCM EG-Konf.
Test Certificates Marine / Shipping
Type Test Certific- ates/Test Report
ABS BUREAU LRS PRS EWALCOMAY
VERITAS

**Confirmation** 

Further information

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=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, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5236-2TC04&lang=en

Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

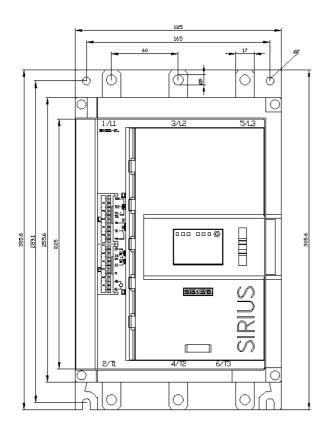
https://support.industry.siemens.com/cs/ww/en/ps/3RW5236-2TC04/char

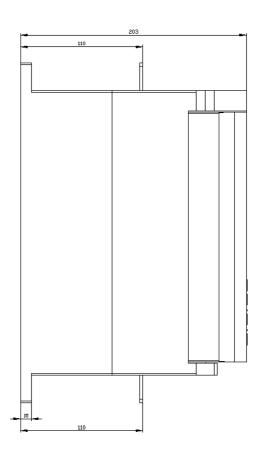
Characteristic: Installation altitude

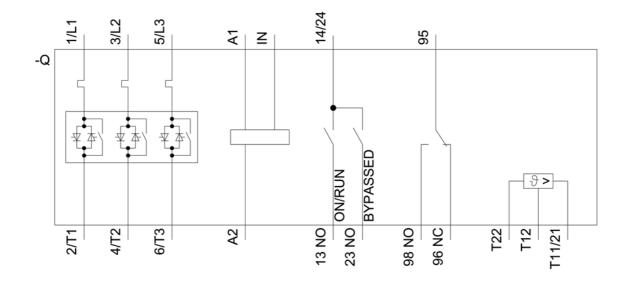
 $\underline{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5236-2TC04\&objecttype=14\&gridview=view1, aspx?view=Search\&mlfb=3RW5236-2TC04\&objecttype=14\&gridview=view1, aspx?view=Search\&mlfb=3RW5236-2TC04\&objecttype=14\&gridview=view1, aspx?view=Search\&mlfb=3RW5236-2TC04\&objecttype=14\&gridview=view1,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

Simulation Tool for Soft Starters (STS)

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







last modified:

12/15/2020 🖸