# **SIEMENS**

Data sheet 3RW5217-3TC05



SIRIUS soft starter 200-600 V 38 A, 24 V AC/DC spring-type terminals Thermistor input

product brand name product category product designation product type designation manufacturer's article number

- of standard HMI module usable
- of high feature HMI module usable
- of communication module PROFINET standard usable
- of communication module PROFIBUS usable
- of communication module Modbus TCP usable
- of communication module Modbus RTU usable
- of communication module Ethernet/IP
- of circuit breaker usable at 400 V
- of circuit breaker usable at 500 V
- of circuit breaker usable at 400 V at inside-delta circuit
- of circuit breaker usable at 500 V at inside-delta circuit
- of the gG fuse usable up to 690 V
- of the gG fuse usable at inside-delta circuit up to 500 V
- $\bullet$  of full range R fuse link for semiconductor protection usable up to 690 V
- of back-up R fuse link for semiconductor protection usable up to 690 V

SIRIUS

Hybrid switching devices

Soft starter

3RW52

3RW5980-0HS00

3RW5980-0HF00

3RW5980-0CS00

3RW5980-0CP00

3RW5980-0CT00

3RW5980-0CR00 3RW5980-0CE00

3RV2032-4WA10; Type of coordination 1, Iq = 65 kA, CLASS 10

3RV2032-4WA10; Type of coordination 1, Iq = 10 kA, CLASS 10

3RV2032-4RA10; Type of coordination 1, Iq = 65 kA, CLASS 10

3RV2032-4RA10; Type of coordination 1, Iq = 10 kA, CLASS 10

3NA3824-6; Type of coordination 1, Iq = 65 kA

3NA3824-6; Type of coordination 1, Iq = 65 kA

3NE1820-0; Type of coordination 2, Iq = 65 kA

3NE8024-1; Type of coordination 2, Iq = 65 kA

## General technical data

starting voltage [%] stopping voltage [%] start-up ramp time of soft starter current limiting value [%] adjustable certificate of suitability

- CE marking
- UL approval
- CSA approval

### product component

- HMI-High Feature
- is supported HMI-Standard
- is supported HMI-High Feature

product feature integrated bypass contact system number of controlled phases

trip class

buffering time in the event of power failure

30 ... 100 %

50 %; non-adjustable

0 ... 20 s

130 ... 700 %

Yes

Yes

Yes

No

Yes

Yes

Yes

3

CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2

for main current circuit	100 ms
<ul> <li>for control circuit</li> </ul>	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	1 600 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	
ramp-up (soft starting)	Yes
• ramp-down (soft stop)	Yes
Soft Torque	Yes
adjustable current limitation	Yes
pump ramp down     intrinsic devices mante et al.	Yes
intrinsic device protection	Yes
motor overload protection	Yes; Full motor protection (thermistor motor protection and electronic motor overload protection)
evaluation of thermistor motor protection	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 Yes
communication function	
operating measured value display     orrest lephock	Yes; Only in conjunction with special accessories Yes; Only in conjunction with special accessories
<ul><li>error logbook</li><li>via software parameterizable</li></ul>	No
via software configurable	Yes
	163
<ul><li>via software configurable</li><li>PROFlenergy</li></ul>	Yes; in connection with the PROFINET Standard communication
PROFlenergy	module
<ul><li>PROFlenergy</li><li>firmware update</li></ul>	module Yes
<ul> <li>PROFlenergy</li> <li>firmware update</li> <li>removable terminal for control circuit</li> </ul>	module Yes Yes
<ul> <li>PROFlenergy</li> <li>firmware update</li> <li>removable terminal for control circuit</li> <li>torque control</li> </ul>	module Yes Yes No
<ul> <li>PROFlenergy</li> <li>firmware update</li> <li>removable terminal for control circuit</li> <li>torque control</li> <li>analog output</li> </ul>	module Yes Yes
PROFlenergy     firmware update     removable terminal for control circuit     torque control     analog output  Power Electronics	module Yes Yes No
PROFlenergy     firmware update     removable terminal for control circuit     torque control     analog output  Power Electronics  operational current	module Yes Yes No No
PROFlenergy      firmware update     removable terminal for control circuit     torque control     analog output  Power Electronics  operational current     at 40 °C rated value	module Yes Yes No No
PROFlenergy  firmware update removable terminal for control circuit torque control analog output  Power Electronics  operational current at 40 °C rated value at 50 °C rated value	module Yes Yes No No 38 A 33.5 A
PROFlenergy  firmware update removable terminal for control circuit torque control analog output  Power Electronics  operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value  at 60 °C rated value	module Yes Yes No No
PROFlenergy  firmware update removable terminal for control circuit torque control analog output  Power Electronics  operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit	module Yes Yes No No No 38 A 33.5 A 30.5 A
PROFlenergy  In firmware update  removable terminal for control circuit  torque control  analog output  Power Electronics  operational current  at 40 °C rated value  at 50 °C rated value  at 60 °C rated value  operational current at inside-delta circuit  at 40 °C rated value	module Yes Yes No No No  38 A 33.5 A 30.5 A
PROFlenergy  In firmware update removable terminal for control circuit torque control analog output  Power Electronics  Operational current  At 40 °C rated value At 50 °C rated value Toperational current at inside-delta circuit At 40 °C rated value  Operational current at inside-delta circuit At 40 °C rated value  Operational current at inside-delta circuit At 40 °C rated value  Operational current at inside-delta circuit	module Yes Yes No No No  38 A 33.5 A 30.5 A 65.8 A 58 A
PROFlenergy  In firmware update  removable terminal for control circuit  torque control analog output  Power Electronics  operational current  at 40 °C rated value at 50 °C rated value operational current at inside-delta circuit at 40 °C rated value  or at 60 °C rated value  or at 60 °C rated value  or at 60 °C rated value	module Yes Yes No No No  38 A 33.5 A 30.5 A
PROFlenergy  In firmware update removable terminal for control circuit torque control analog output  Power Electronics  Operational current  At 40 °C rated value At 60 °C rated value Toperational current at inside-delta circuit At 40 °C rated value  Operational current at inside-delta circuit At 40 °C rated value  The removable terminal for control circuit Toperational current  The removable terminal for control circuit Toperational current Tope	module Yes Yes No No No  38 A 33.5 A 30.5 A 65.8 A 58 A 52.8 A
PROFlenergy  In firmware update  removable terminal for control circuit  torque control analog output  Power Electronics  operational current at 40 °C rated value at 50 °C rated value  operational current at inside-delta circuit at 40 °C rated value  operational current at inside-delta circuit at 40 °C rated value operational current at value operational current at value operational current value operational current value operational current value	module Yes Yes No No No  38 A 33.5 A 30.5 A 65.8 A 58 A
PROFlenergy  In firmware update  removable terminal for control circuit  torque control analog output  Power Electronics  operational current at 40 °C rated value at 50 °C rated value operational current at inside-delta circuit at 40 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 50 °C rated value at 60 °C rated value at inside-delta circuit rated value  operating voltage at inside-delta circuit rated value	module Yes Yes No No No  38 A 33.5 A 30.5 A  65.8 A 58 A 52.8 A
PROFlenergy  firmware update removable terminal for control circuit torque control analog output  Power Electronics  operational current at 40 °C rated value at 50 °C rated value operational current at inside-delta circuit at 40 °C rated value operational current at inside-delta circuit at 40 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value operating voltage rated value operating voltage rated value operating voltage	module Yes Yes No No No  38 A 33.5 A 30.5 A  65.8 A 58 A 52.8 A  200 600 V 200 600 V
PROFlenergy  In firmware update  removable terminal for control circuit  torque control analog output  Power Electronics  operational current at 40 °C rated value at 50 °C rated value operational current at inside-delta circuit at 40 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 50 °C rated value at 60 °C rated value at inside-delta circuit rated value  operating voltage at inside-delta circuit rated value	module Yes Yes No No No  38 A 33.5 A 30.5 A  65.8 A 58 A 52.8 A  200 600 V 200 600 V -15 %
PROFlenergy  In firmware update  removable terminal for control circuit  torque control analog output  Power Electronics  operational current at 40 °C rated value at 50 °C rated value operational current at inside-delta circuit at 40 °C rated value operational current at inside-delta circuit at 40 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value operating voltage rated value operating voltage relative negative tolerance of the operating voltage	module Yes Yes No No No  38 A 33.5 A 30.5 A  65.8 A 58 A 52.8 A  200 600 V 200 600 V -15 % 10 %
PROFlenergy  In firmware update  removable terminal for control circuit  torque control  analog output  Power Electronics  operational current  at 40 °C rated value  at 50 °C rated value  at 60 °C rated value  operational current at inside-delta circuit  at 40 °C rated value  operational current at value  at 50 °C rated value  at 50 °C rated value  at 60 °C rated value  at 60 °C rated value  at 60 °C rated value  operating voltage  rated value  operating voltage  relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at	module Yes Yes No No No  38 A 33.5 A 30.5 A  65.8 A 58 A 52.8 A  200 600 V 200 600 V -15 % 10 % -15 %
PROFlenergy  In firmware update  removable terminal for control circuit  torque control  analog output  Power Electronics  operational current  at 40 °C rated value  at 50 °C rated value  at 60 °C rated value  operational current at inside-delta circuit  at 40 °C rated value  operational current at inside-delta circuit  at 40 °C rated value  at 50 °C rated value  at 60 °C rated value  at 60 °C rated value  operating voltage  rated value  operating voltage  relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage at inside-delta circuit  relative positive tolerance of the operating voltage at inside-delta circuit	module Yes Yes No No No  38 A 33.5 A 30.5 A  65.8 A 58 A 52.8 A  200 600 V 200 600 V -15 % 10 % -15 %
PROFlenergy  In firmware update  removable terminal for control circuit  torque control  analog output  Power Electronics  operational current  at 40 °C rated value  at 50 °C rated value  at 60 °C rated value  operational current at inside-delta circuit  at 40 °C rated value  at 50 °C rated value  at 50 °C rated value  at 60 °C rated value  at 60 °C rated value  at 60 °C rated value  operating voltage  rated value  at inside-delta circuit rated value  relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage 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	module Yes Yes No No No  38 A 33.5 A 30.5 A  65.8 A 58 A 52.8 A  200 600 V 200 600 V -15 % 10 % -15 %
PROFlenergy  In firmware update  removable terminal for control circuit  torque control analog output  Power Electronics  operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value  operational current at inside-delta circuit at 40 °C rated value  operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value operating voltage rated value operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage relative positive 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	module Yes Yes No No No  38 A 33.5 A 30.5 A 65.8 A 58 A 52.8 A 200 600 V 200 600 V -15 % 10 % -15 % 10 %
PROFlenergy  In firmware update  removable terminal for control circuit  torque control  analog output  Power Electronics  operational current  at 40 °C rated value  at 50 °C rated value  operational current at inside-delta circuit  at 40 °C rated value  operational current at inside-delta circuit  at 40 °C rated value  operating voltage  rated value  operating voltage  rated value  operative negative tolerance of the operating voltage 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	module Yes Yes No No No No  38 A 33.5 A 30.5 A 65.8 A 58 A 52.8 A  200 600 V 200 600 V -15 % 10 % -15 % 10 %

• at 500 V at inside-delta circuit at 40 °C rated value	37 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>	15.5 A
at rotary coding switch on switch position 2	17 A
<ul> <li>at rotary coding switch on switch position 3</li> </ul>	18.5 A
at rotary coding switch on switch position 4	20 A
at rotary coding switch on switch position 5	21.5 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	23 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	24.5 A
at rotary coding switch on switch position 8	26 A
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	27.5 A
at rotary coding switch on switch position 10	29 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	30.5 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	32 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	33.5 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	35 A
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	36.5 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	38 A
• minimum	15.5 A
adjustable motor current	
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> </ul>	26.8 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>	29.4 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>	32 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>	34.6 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> </ul>	37.2 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> </ul>	39.8 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> </ul>	42.4 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 8</li> </ul>	45 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 9</li> </ul>	47.6 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> </ul>	50.2 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 11</li> </ul>	52.8 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 12</li> </ul>	55.4 A
for inside-delta circuit at rotary coding switch on switch position 13	58 A
for inside-delta circuit at rotary coding switch on switch position 14     for inside delta circuit at rotary coding switch on switch on the circuit at rotary coding switch at	60.6 A
for inside-delta circuit at rotary coding switch on switch position 15     for inside delta circuit at rotary coding switch on	63.2 A
for inside-delta circuit at rotary coding switch on switch position 16	65.8 A
at inside-delta circuit minimum  minimum load [9/1]	26.8 A
minimum load [%] power loss [W] for rated value of the current at AC	15 %; Relative to smallest settable le
• at 40 °C after startup	23 W
• at 50 °C after startup	22 W
at 60 °C after startup	21 W
power loss [W] at AC at current limitation 350 %	
• at 40 °C during startup	628 W
at 50 °C during startup	526 W
at 60 °C during startup	464 W
Control circuit/ Control	

type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	
<ul> <li>at 50 Hz rated value</li> </ul>	24 V
<ul> <li>at 60 Hz rated value</li> </ul>	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	-10 %
voltage frequency	
relative positive tolerance of the control supply voltage frequency	10 %
control supply voltage	
<ul> <li>at DC rated value</li> </ul>	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	360 mA
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
In a set of Osstanita	not part of scope of supply
Inputs/ Outputs	4
number of digital inputs	1
number of digital outputs	3 2
<ul> <li>not parameterizable</li> <li>digital output version</li> </ul>	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	275 mm
width	170 mm
depth	152 mm
required spacing with side-by-side mounting	40
• forwards	10 mm
backwards     upwards	0 mm
<ul><li>upwards</li><li>downwards</li></ul>	100 mm 75 mm
• at the side	5 mm
weight without packaging	2.3 kg
Connections/ Terminals	<del></del>
type of electrical connection	
for main current circuit	screw-type terminals
for control circuit	spring-loaded terminals
wire length for thermistor connection	opining todada torrimiano
with conductor cross-section = 0.5 mm² maximum	50 m
with conductor cross-section = 0.5 mm² maximum     with conductor cross-section = 1.5 mm² maximum	150 m
<ul> <li>with conductor cross-section = 2.5 mm² maximum</li> </ul>	250 m
<ul> <li>with conductor cross-section = 2.5 mm² maximum</li> <li>type of connectable conductor cross-sections</li> </ul>	250 m

<ul> <li>— solid</li> <li>— finely stranded with core end processing</li> <li>• at AWG cables for main current circuit solid</li> <li>• for control circuit solid</li> <li>• for control circuit finely stranded with core end processing</li> <li>• at AWG cables for control circuit solid</li> <li>• at AWG cables for control circuit finely stranded with core end processing</li> <li>• at AWG cables for control circuit finely stranded with core end processing</li> <li>• wire length</li> <li>2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)</li> <li>2x (16 12), 2x (14 8)</li> <li>2x (0.25 1.5 mm²)</li> <li>2x (0.25 1.5 mm²)</li> <li>2x (24 16)</li> <li>2x (24 16)</li> </ul>	
<ul> <li>at AWG cables for main current circuit solid</li> <li>type of connectable conductor cross-sections</li> <li>for control circuit solid</li> <li>for control circuit finely stranded with core end processing</li> <li>at AWG cables for control circuit finely stranded with core end processing</li> <li>at AWG cables for control circuit finely stranded with core end processing</li> </ul> 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 2x (24 16) 2x (24 16) 2x (24 16)	
<ul> <li>type of connectable conductor cross-sections</li> <li>for control circuit solid</li> <li>for control circuit finely stranded with core end processing</li> <li>at AWG cables for control circuit solid</li> <li>at AWG cables for control circuit finely stranded with core end processing</li> </ul> 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 2x (24 16) 2x (24 16)	
<ul> <li>for control circuit solid</li> <li>for control circuit finely stranded with core end processing</li> <li>at AWG cables for control circuit solid</li> <li>at AWG cables for control circuit finely stranded with core end processing</li> </ul> 2x (0.25 1.5 mm²) 2x (24 16) 2x (24 16) 2x (24 16)	
<ul> <li>for control circuit finely stranded with core end processing</li> <li>at AWG cables for control circuit solid</li> <li>at AWG cables for control circuit finely stranded with core end processing</li> </ul> 2x (0.25 1.5 mm²) 2x (24 16) 2x (24 16)	
processing  • at AWG cables for control circuit solid  • at AWG cables for control circuit finely stranded with core end processing  2x (24 16)  2x (24 16)	
• at AWG cables for control circuit finely stranded with core end processing  2x (24 16)	
core end processing	
WITE TETRALIT	
<ul> <li>between soft starter and motor maximum</li> <li>800 m</li> </ul>	
• 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> <li>for auxiliary and control contacts with screw-type</li> <li>2 2.5 N·m</li> <li>0.8 1.2 N·m</li> </ul>	
<ul> <li>for auxiliary and control contacts with screw-type</li> <li>terminals</li> <li>0.8 1.2 N⋅m</li> </ul>	
tightening torque [lbf·in]	
• for main contacts with screw-type terminals 18 22 lbf·in	
<ul> <li>for auxiliary and control contacts with screw-type</li> <li>terminals</li> <li>7 10.3 lbf⋅in</li> </ul>	
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> <li>-25 +60 °C; Please observe derating at temperatures of 40 °C or above</li> </ul>	
• during storage and transport -40 +80 °C	
environmental category	
<ul> <li>during operation according to IEC 60721</li> <li>3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6</li> </ul>	
<ul> <li>during storage according to IEC 60721</li> <li>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand not get inside the devices), 1M4</li> </ul>	must
<ul> <li>during transport according to IEC 60721</li> <li>EMC emitted interference</li> <li>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>acc. to IEC 60947-4-2: Class A</li> </ul>	
Communication/ Protocol	
communication module is supported	
PROFINET standard     Yes	
• EtherNet/IP Yes	
Modbus RTU  Yes	
Modbus TCP     Yes	
• PROFIBUS Yes	
UL/CSA ratings	
manufacturer's article number	
of circuit breaker      unable for Standard Foults at 460/490 V      Sigmans type: 2DV/2742, may, 70 A or 2V/451, may, 125 A: In = 5 I.	. ^
— usable for Standard Faults at 460/480 V according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 k	
— usable for High Faults at 460/480 V according to UL  Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; Iq max = kA	
— usable for Standard Faults at 460/480 V at inside-delta circuit according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 k	IA.
	. ^
— usable for High Faults at 460/480 V at insidedelta circuit according to UL  Siemens type: 3VA51, max. 60 A; Iq max = 65 kA	<i>τ</i> Δ
<ul> <li>usable for High Faults at 460/480 V at insidedelta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>Siemens type: 3VA51, max. 60 A; Iq max = 65 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 k</li> </ul>	
<ul> <li>usable for High Faults at 460/480 V at insidedelta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V</li> <li>Siemens type: 3VA51, max. 60 A; Iq max = 65 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 k</li> </ul>	
<ul> <li>— usable for High Faults at 460/480 V at insidedelta 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>Siemens type: 3VA51, max. 60 A; Iq max = 65 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 k</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 k</li> </ul>	
<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>• of the fuse</li> <li>— usable for Standard Faults up to 575/600 V</li> <li>Siemens type: 3VA51, max. 60 A; Iq max = 65 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 k</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 k</li> <li>Type: Class RK5 / K5, max. 150 A; Iq = 5 kA</li> </ul>	
<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>• 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 High Faults up to 575/600 V according to UL</li> <li>Type: Class RK5 / K5, max. 150 A; Iq = 100 kA</li> <li>Type: Class J / L, max. 150 A; Iq = 100 kA</li> </ul>	

#### operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value 10 hp • at 220/230 V at 50 °C rated value 10 hp • at 460/480 V at 50 °C rated value 20 hp at 575/600 V at 50 °C rated value 30 hp • at 200/208 V at inside-delta circuit at 50 °C rated 15 hp value • at 220/230 V at inside-delta circuit at 50 °C rated 20 hp value • at 460/480 V at inside-delta circuit at 50 °C rated 40 hp • at 575/600 V at inside-delta circuit at 50 °C rated 50 hp value R300-B300 contact rating of auxiliary contacts according to UL Safety related data protection class IP on the front according to IEC IP20 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front electromagnetic compatibility in accordance with IEC 60947-4-2

Certificates/ approvals

**General Product Approval** 

**EMC** 





Confirmation







**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping

other



Confirmation

#### **Further information**

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

 $\underline{https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5217-3TC05}$ 

Cax online generator

 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RW5217-3TC05}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5217-3TC05

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5217-3TC05&lang=en

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

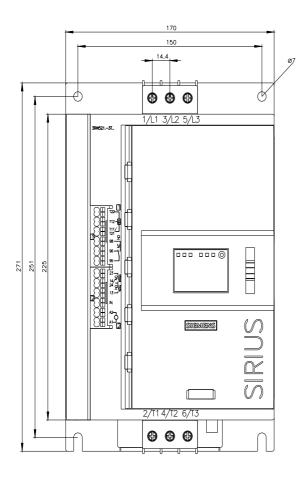
https://support.industry.siemens.com/cs/ww/en/ps/3RW5217-3TC05/char

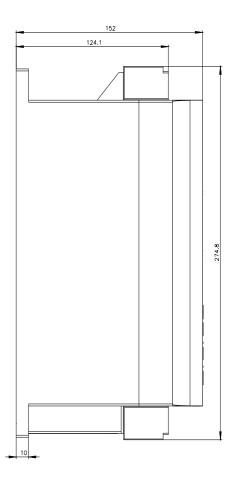
Characteristic: Installation altitude

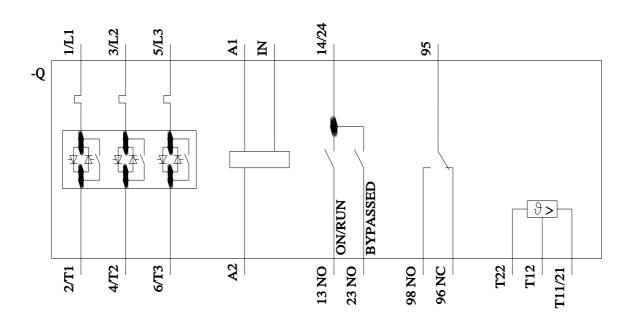
 $\underline{\text{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5217-3TC05\&objecttype=14\&gridview=view1}$ 

Simulation Tool for Soft Starters (STS)

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







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