## SIEMENS

## Data sheet

## 3RW5235-6TC04



SIRIUS soft starter 200-480 V 143 A, 24 V AC/DC Screw terminals Thermistor input

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>	3VA2220-7MN32-0AA0: Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of circuit breaker usable at 400 V at inside-delta circuit</li> </ul>	3VA2325-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	3NA3244-6; Type of coordination 1, Iq = 65 kA
<ul> <li>of the gG fuse usable at inside-delta circuit up to 500 V</li> </ul>	<u>3NA3244-6; Type of coordination 1, Iq = 65 kA</u>
<ul> <li>of full range R fuse link for semiconductor protection usable up to 690 V</li> </ul>	<u>3NE1227-0: Type of coordination 2. Iq = 65 kA</u>
<ul> <li>of back-up R fuse link for semiconductor protection usable up to 690 V</li> </ul>	<u>3NE3334-0B; Type of coordination 2, Iq = 65 kA</u>
General 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
product feature integrated bypass contact system	Yes
number of controlled phases	3
trip class	CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2
buffering time in the event of power failure	
<ul> <li>for main current circuit</li> </ul>	100 ms
<ul> <li>for control circuit</li> </ul>	100 ms

inculation voltage reted volue	600.1/
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	
<ul> <li>ramp-up (soft starting)</li> </ul>	Yes
<ul> <li>ramp-down (soft stop)</li> </ul>	Yes
Soft Torque	Yes
<ul> <li>adjustable current limitation</li> </ul>	Yes
<ul> <li>pump ramp down</li> </ul>	Yes
<ul> <li>intrinsic device protection</li> </ul>	Yes
<ul> <li>motor overload protection</li> </ul>	Yes; 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
error logbook	Yes; Only in conjunction with special accessories
<ul> <li>via software parameterizable</li> </ul>	No
<ul> <li>via software configurable</li> </ul>	Yes
PROFlenergy	Yes; in connection with the PROFINET Standard communication
	module
<ul> <li>firmware update</li> </ul>	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	
<ul> <li>at 40 °C rated value</li> </ul>	143 A
<ul> <li>at 50 °C rated value</li> </ul>	128 A
• at 60 °C rated value	118 A
operational current at inside-delta circuit	
<ul> <li>at 40 °C rated value</li> </ul>	248 A
<ul> <li>at 50 °C rated value</li> </ul>	222 A
• at 60 °C rated value	204 A
operating voltage	
rated value	200 480 V
<ul> <li>at inside-delta circuit rated value</li> </ul>	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	37 kW
<ul> <li>at 230 V at inside-delta circuit at 40 °C rated value</li> </ul>	75 kW
<ul> <li>at 400 V at 40 °C rated value</li> </ul>	75 kW
<ul> <li>at 400 V at inside-delta circuit at 40 °C rated value</li> </ul>	132 kW

Operating frequency 2 rade value         60 Hz           relative negative tolerance of the operating frequency         10 %           adjustable motor current         64 A           - at rotary coding switch on switch position 1         68 A           - at rotary coding switch on switch position 2         73 A           - at rotary coding switch on switch position 3         78 A           - at rotary coding switch on switch position 4         83 A           - at rotary coding switch on switch position 5         98 A           - at rotary coding switch on switch position 1         118 A           - at rotary coding switch on switch position 1         118 A           - at rotary coding switch on switch position 1         118 A           - at rotary coding switch on switch position 1         118 A           - at rotary coding switch on switch position 1         118 A           - at rotary coding switch on switch position 1         118 A           - at rotary coding switch on switch position 1         118 A           - at rotary coding switch on switch position 1         118 A           - at rotary coding switch on switch position 1         118 A           - at rotary coding switch on switch position 1         118 A           - at rotary coding switch on switch position 1         118 A           - at rotary coding switch on switch position	Operating frequency 1 rated value	50 Hz
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switch position 6170 A• for inside-delta circuit at rotary coding switch on switch position 7170 A• for inside-delta circuit at rotary coding switch on switch position 8178 A• for inside-delta circuit at rotary coding switch on switch position 10187 A• for inside-delta circuit at rotary coding switch on switch position 10196 A• for inside-delta circuit at rotary coding switch on switch position 11204 A• for inside-delta circuit at rotary coding switch on switch position 12213 A• for inside-delta circuit at rotary coding switch on switch position 12222 A• for inside-delta circuit at rotary coding switch on switch position 13230 A• for inside-delta circuit at rotary coding switch on switch position 14230 A• for inside-delta circuit at rotary coding switch on switch position 15248 A• for inside-delta circuit at rotary coding switch on switch position 16118 A• at inside-delta circuit at rotary coding switch on switch position 15128 A• for inside-delta circuit at rotary coding switch on switch position 16118 A• for inside-delta circuit at rotary coding switch on switch position 16118 A• at inside-delta circuit at rotary coding switch on switch position 1615 %; Relative to smallest settable le• at a 0 °C after startup55 W• at 40 °C after startup50 W• at 60 °C after startup50 W• at 60 °C after startup50 W• at 60 °C after startup2127 W	switch position 5	
switch position 7178 A• for inside-delta circuit at rotary coding switch on switch position 8178 A• for inside-delta circuit at rotary coding switch on switch position 9187 A• for inside-delta circuit at rotary coding switch on switch position 10196 A• for inside-delta circuit at rotary coding switch on switch position 11204 A• for inside-delta circuit at rotary coding switch on switch position 11213 A• for inside-delta circuit at rotary coding switch on switch position 12213 A• for inside-delta circuit at rotary coding switch on switch position 13230 A• for inside-delta circuit at rotary coding switch on switch position 14230 A• for inside-delta circuit at rotary coding switch on switch position 15239 A• for inside-delta circuit at rotary coding switch on switch position 16248 A• for inside-delta circuit at rotary coding switch on switch position 15248 A• for inside-delta circuit at rotary coding switch on switch position 1615 %; Relative to smallest settable le• at inside-delta circuit at rotary coding switch on switch position 1615 %; Relative to smallest settable le• at at 0°C after startup55 W• at 0°C after startup50 W• at 0°C after startup47 W• at 0°C after startup2127 W	switch position 6	
switch position 8IBY A• for inside-delta circuit at rotary coding switch on switch position 9196 A• for inside-delta circuit at rotary coding switch on switch position 10204 A• for inside-delta circuit at rotary coding switch on switch position 11204 A• for inside-delta circuit at rotary coding switch on switch position 12213 A• for inside-delta circuit at rotary coding switch on switch position 12222 A• for inside-delta circuit at rotary coding switch on switch position 13230 A• for inside-delta circuit at rotary coding switch on switch position 14239 A• for inside-delta circuit at rotary coding switch on switch position 15248 A• for inside-delta circuit at rotary coding switch on switch position 16215 %; Relative to smallest settable le• for inside-delta circuit at rotary coding switch on switch position 1555 W• for inside-delta circuit at rotary coding switch on switch position 1655 W• at inside-delta circuit at rotary coding switch on switch position 1655 W• at on °C after startup50 W• at 40 °C after startup50 W• at 60 °C after startup50 W• at 60 °C after startup47 W• at 40 °C during startup2 127 W	switch position 7	
switch position 9196 A• for inside-delta circuit at rotary coding switch on switch position 10204 A• for inside-delta circuit at rotary coding switch on switch position 11204 A• for inside-delta circuit at rotary coding switch on switch position 12213 A• for inside-delta circuit at rotary coding switch on switch position 13222 A• for inside-delta circuit at rotary coding switch on switch position 13230 A• for inside-delta circuit at rotary coding switch on switch position 14230 A• for inside-delta circuit at rotary coding switch on switch position 15239 A• for inside-delta circuit at rotary coding switch on switch position 16248 A• for inside-delta circuit at rotary coding switch on switch position 16248 A• at inside-delta circuit at rotary coding switch on switch position 1655 W• at a 0°C after startup50 W• at 40 °C after startup50 W• at 60 °C after startup50 W• at 40 °C during startup212 W	switch position 8	
switch position 10 • for inside-delta circuit at rotary coding switch on switch position 11 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit minimum for inside-delta circuit at rotary coding switch on switch position 16 • at sole Cafter startup • at 40 °C after startup • at 60 °C after startup • at 60 °C after startup • at 40 °C during startup	switch position 9	
switch position 11213 A• for inside-delta circuit at rotary coding switch on switch position 12213 A• for inside-delta circuit at rotary coding switch on switch position 13222 A• for inside-delta circuit at rotary coding switch on switch position 14230 A• for inside-delta circuit at rotary coding switch on switch position 14239 A• for inside-delta circuit at rotary coding switch on switch position 15248 A• for inside-delta circuit at rotary coding switch on switch position 16118 A• at inside-delta circuit minimum118 A• at 40 °C after startup • at 60 °C after startup55 W• at 0 °C after startup • at 40 °C during startup20 W• at 0 °C during startup21 27 W	switch position 10	
• for inside-delta circuit at rotary coding switch on switch position 13222 A• for inside-delta circuit at rotary coding switch on switch position 14230 A• for inside-delta circuit at rotary coding switch on switch position 15239 A• for inside-delta circuit at rotary coding switch on switch position 15248 A• for inside-delta circuit at rotary coding switch on switch position 16248 A• for inside-delta circuit minimum118 Aminimum load [%]15 %; Relative to smallest settable lepower loss [W] for rated value of the current at AC • at 40 °C after startup55 W• at 60 °C after startup50 W• at 60 °C after startup2127 W	switch position 11	213 A
• for inside-delta circuit at rotary coding switch on switch position 14230 A• for inside-delta circuit at rotary coding switch on switch position 15239 A• for inside-delta circuit at rotary coding switch on switch position 16248 A• at inside-delta circuit minimum118 Aminimum load [%]15 %; Relative to smallest settable le• at 40 °C after startup55 W• at 40 °C after startup50 W• at 60 °C after startup20 W• at 40 °C after startup2127 W	<ul> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	222 A
• for inside-delta circuit at rotary coding switch on switch position 15239 A• for inside-delta circuit at rotary coding switch on switch position 16248 A• at inside-delta circuit minimum118 Aminimum load [%]15 %; Relative to smallest settable le• at 40 °C after startup55 W• at 60 °C after startup50 W• at 40 °C after startup50 W• at 60 °C after startup2127 W	• for inside-delta circuit at rotary coding switch on	230 A
• for inside-delta circuit at rotary coding switch on switch position 16248 A• at inside-delta circuit minimum118 Aminimum load [%]15 %; Relative to smallest settable lepower loss [W] for rated value of the current at AC-• at 40 °C after startup55 W• at 50 °C after startup50 W• at 60 °C after startup47 Wpower loss [W] at AC at current limitation 350 %-• at 40 °C during startup2 127 W	<ul> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	239 A
• at inside-delta circuit minimum118 Aminimum load [%]15 %; Relative to smallest settable lepower loss [W] for rated value of the current at AC55 W• at 40 °C after startup55 W• at 50 °C after startup50 W• at 60 °C after startup47 Wpower loss [W] at AC at current limitation 350 %2127 W	<ul> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	248 A
minimum load [%]15 %; Relative to smallest settable lepower loss [W] for rated value of the current at AC-• at 40 °C after startup55 W• at 50 °C after startup50 W• at 60 °C after startup47 Wpower loss [W] at AC at current limitation 350 %-• at 40 °C during startup2 127 W		118 A
power loss [W] for rated value of the current at AC• at 40 °C after startup55 W• at 50 °C after startup50 W• at 60 °C after startup47 Wpower loss [W] at AC at current limitation 350 %2 127 W		
• at 40 °C after startup55 W• at 50 °C after startup50 W• at 60 °C after startup47 W• power loss [W] at AC at current limitation 350 %2 127 W		
• at 50 °C after startup         50 W           • at 60 °C after startup         47 W           • power loss [W] at AC at current limitation 350 %         2 127 W		55 W
• at 60 °C after startup     47 W       power loss [W] at AC at current limitation 350 %     2 127 W	•	
power loss [W] at AC at current limitation 350 %       • at 40 °C during startup       2 127 W		
• at 40 °C during startup 2 127 W		
		2 127 W
• at 50 °C during startup 1 807 W		1 807 W

• at 60 °C during startup	1 605 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	-20 %	
voltage at AC at 50 Hz		
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 -10 %	
relative negative tolerance of the control supply voltage frequency		
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	10 mm	
<ul> <li>forwards</li> <li>backwards</li> </ul>	10 mm 0 mm	
Dackwards     upwards	100 mm	
downwards	75 mm	
at the side	5 mm	
weight without packaging	6.6 kg	
Connections/ Terminals		
type of electrical connection		
Sec of offoundation connection		

a for main ourrant size wit	husher connection
for main current circuit     for control circuit	busbar connection
for control circuit	screw-type terminals
width of connection bar maximum wire length for thermistor connection	25 mm
with conductor cross-section = 0.5 mm <sup>2</sup> maximum	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
with conductor cross-section = 2.5 mm <sup>2</sup> maximum     type of connectable conductor cross-sections	250 m
	$2x (46 - 05 mm^2)$
for DIN cable lug for main contacts stranded     for DIN cable lug for main contacts finally stranded	2x (16 95 mm <sup>2</sup> )
for DIN cable lug for main contacts finely stranded     type of connectable conductor cross-sections	2x (25 120 mm²)
for control circuit solid	$1 \times (0.5 \pm 4.0 \text{ mm}^2) \times (0.5 \pm 2.5 \text{ mm}^2)$
	$1x (0.5 4.0 \text{ mm}^2), 2x (0.5 2.5 \text{ mm}^2)$ $1x (0.5 2.5 \text{ mm}^2), 2x (0.5 1.5 \text{ mm}^2)$
for control circuit finely stranded with core end processing	1x (0.5 2.5 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> )
at AWG cables for control circuit solid	1x (20 12), 2x (20 14)
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	
<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 terminals</li> </ul>	0.8 1.2 N·m
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 terminals</li> </ul>	7 10.3 lbf·in
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
<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
• during storage acc. to IEC 60721	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
<ul> <li>during transport acc. to IEC 60721</li> </ul>	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
UL/CSA ratings	
manufacturer's article number	
of circuit breaker	
<ul> <li>— usable for Standard Faults at 460/480 V according to UL</li> </ul>	Siemens type: 3VA52, max. 250 A; lq = 10 kA
— usable for High Faults at 460/480 V according to UL	Siemens type: 3VA52, max. 250 A; lq max = 65 kA
— usable for Standard Faults at 460/480 V at inside-delta circuit according to UL	Siemens type: 3VA52, max. 250 A; Iq = 10 kA
— usable for High Faults at 460/480 V at inside- delta circuit according to UL	Siemens type: 3VA52, max. 250 A; lq max = 65 kA
— usable for Standard Faults at 575/600 V according to UL	Siemens type: 3VA52, max. 250 A; Iq = 10 kA
<ul> <li>— usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> </ul>	Siemens type: 3VA52, max. 250 A; lq = 10 kA
of the fuse	

<ul> <li>— usable for Standard Faults up to 575/600 V according to UL</li> </ul>	Type: Class RK5 / K5, ma	ax. 350 A; lq = 10 kA		
<ul> <li>— usable for High Faults up to 575/600 V according to UL</li> </ul>	Type: Class J / L, max. 350 A; lq = 100 kA			
<ul> <li>— usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> </ul>	Type: Class RK5 / K5, max. 350 A; lq = 10 kA Type: Class J / L, max. 350 A; lq = 100 kA			
<ul> <li>— usable for High Faults at inside-delta circuit up to 575/600 V according to UL</li> </ul>				
operating power [hp] for 3-phase motors				
• at 200/208 V at 50 °C rated value	40 hp			
• at 220/230 V at 50 °C rated value	40 hp			
• at 460/480 V at 50 °C rated value	100 hp			
at 200/208 V at inside-delta circuit at 50 °C rated value		75 hp		
at 220/230 V at inside-delta circuit at 50 °C rated value	75 hp			
at 460/480 V at inside-delta circuit at 50 °C rated value	150 hp			
contact rating of auxiliary contacts according to UL	R300-B300			
ifety related data				
orotection class IP on the front acc. to IEC 60529 ouch protection on the front acc. to IEC 60529	IP00; IP20 with cover finger-safe, for vertical co	intact from the front with	h cover	
electromagnetic compatibility	in accordance with IEC 6			
ertificates/ approvals				
			Declaration of	
	) EAC		Conformity Cefe EG-Konf.	
	) EAC		Conformity	
General Product Approval         Image: Constraint of the second	) EAC	EMC RCM	Conformity	
Test Certificates Marine / Shipping		EMC RCM	Conformity	
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Test Certificates Marine / Shipping   Type Test Certificates Marine / Shipping	Constant of the second	EMC ECM	Conformity CC EG-Konf.	
Image: Second secon	Constant of the second	EMC ECM	Conformity CC EG-Konf,	
Image: Second system       Image: Second system       Image: Second system       Image: Second system         Test Certificates       Marine / Shipping         Type Test Certificates       Image: Second system       Image: Second system         Type Test Certificates       Image: Second system       Image: Second system         Type Test Certificates       Image: Second system       Image: Second system         Type Test Certificates       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system	Constraints of the second seco	EMC ECM	Conformity CC EG-Konf, EG-Konf,	
Image: Second system       Image: Second system       Image: Second system       Image: Second system         Test Certificates       Marine / Shipping         Type Test Certificates       Image: Second system       Image: Second system         Type Test Certificates       Image: Second system       Image: Second system         Type Test Certificates       Image: Second system       Image: Second system         Type Test Certificates       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system         Image: Second system       Image: Second system       Image: Second system		EMC ECM	Conformity CC EG-Konf, EG-Konf,	
Image: State of the	s,)	EMC	Conformity CC EG-Konf, EG-Konf,	

https://support.industry.siemens.com/cs/ww/en/ps/3RW5235-6TC04

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

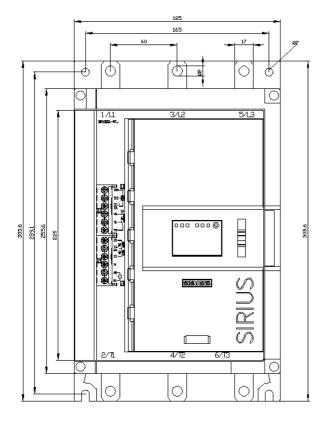
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5235-6TC04&lang=en

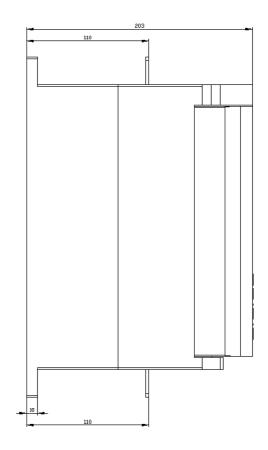
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

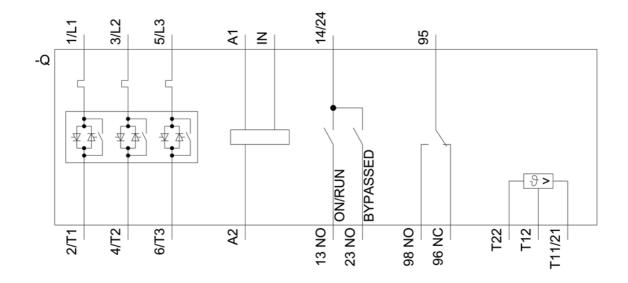
https://support.industry.siemens.com/cs/ww/en/ps/3RW5235-6TC04/char

Characteristic: Installation altitude

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5235-6TC04&objecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS)







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