SIEMENS

Data sheet 3RW5245-6TC15



SIRIUS soft starter 200-600 V 315 A, 110-250 V AC Screw 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

3VA2440-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10

3VA2440-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10

3VA2580-6HN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10

3VA2580-6HN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10

2x3NA3365-6; Type of coordination 1, Iq = 65 kA

2x3NA3365-6; Type of coordination 1, Iq = 65 kA

3NE1334-2; Type of coordination 2, Iq = 65 kA

3NE3336; 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
 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	1 600 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 according to IEC 60947-4-2	AC 53a
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	02/15/2018
product function	
ramp-up (soft starting)	Yes
ramp-down (soft stop)	Yes
Soft Torque	Yes
adjustable current limitation	Yes
• pump ramp down	Yes
intrinsic device protection	Yes
motor overload protection	Yes; Full motor protection (thermistor motor protection and electronic motor overload protection)
evaluation of thermistor motor protection incide delta giravit	Yes; Type A PTC or Klixon / Thermoclick
• inside-delta circuit	Yes
auto-RESET	Yes
manual RESET	Yes
remote resetcommunication function	Yes; By turning off the control supply voltage Yes
operating measured value displayerror logbook	Yes; Only in conjunction with special accessories Yes; Only in conjunction with special accessories
error logbook	res, Only in conjunction with special accessories
	No
 via software parameterizable 	No Yes
	No Yes Yes; in connection with the PROFINET Standard communication module
via software parameterizablevia software configurable	Yes Yes; in connection with the PROFINET Standard communication
via software parameterizablevia software configurablePROFlenergy	Yes Yes; in connection with the PROFINET Standard communication module
 via software parameterizable via software configurable PROFlenergy firmware update 	Yes Yes; in connection with the PROFINET Standard communication module Yes
 via software parameterizable via software configurable PROFlenergy firmware update removable terminal for control circuit 	Yes Yes; in connection with the PROFINET Standard communication module Yes Yes
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at rotary coding switch on switch position 14 at rotary coding switch on switch position 15 at rotary coding switch on switch position 16 minimum for inside-delta circuit at rotary coding switch on switch position 16 switch position 2 for inside-delta circuit at rotary coding switch on switch position 3 for inside-delta circuit at rotary coding switch on switch position 4 for inside-delta circuit at rotary coding switch on switch position 5 for inside-delta circuit at rotary coding switch on switch position 6 for inside-delta circuit at rotary coding switch on switch position 6 for inside-delta circuit at rotary coding switch on switch position 7 for inside-delta circuit at rotary coding switch on switch position 8 for inside-delta circuit at rotary coding switch on switch position 9 for inside-delta circuit at rotary coding switch on switch position 9 for inside-delta circuit at rotary coding switch on switch position 10 for inside-delta circuit at rotary coding switch on 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 15 for inside-delta circuit at rotary coding switch on switch position 15 for inside-delta circuit at rotary coding switch on switch position 15 for inside-delta circuit at rotary coding switch on switch position 15 for inside-delta circuit at rotary coding switch on switch position 15 for inside-delta circuit at rotary coding switch on switch position 15 for inside-delta circuit at rotary coding switch on switch position 15 for inside-delta circuit at rotary coding switch on switch position 15 for circuit at rotary coding switch on switch position 15 for inside-delta circuit at rotary coding switch on switch position 15 for inside-delta circuit at rotary coding switch on swit	 at rotary coding switch on switch position 12 	
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switch position 1 • for inside-delta circuit at rotary coding switch on switch position 2 • for inside-delta circuit at rotary coding switch on switch position 3 • for inside-delta circuit at rotary coding switch on switch position 4 • for inside-delta circuit at rotary coding switch on switch position 5 • for inside-delta circuit at rotary coding switch on switch position 5 • for inside-delta circuit at rotary coding switch on switch position 6 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on 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 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 13 • 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 minimum load [%] • for inside-delta circuit minimum minimum load [%] • for inside-delta circuit minimum ### Ado "C after startup • at 60 "C during startup • at 60 "C dur	•	
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• for inside-delta circuit at rotary coding switch on switch position 4 • for inside-delta circuit at rotary coding switch on switch position 5 • for inside-delta circuit at rotary coding switch on switch position 6 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on 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 13 • 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 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 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 at rotary coding switch on switch position 16 • at of of cafer startup • at 60 °C after startup • at 60 °C after startup • at 60 °C during startup	 for inside-delta circuit at rotary coding switch on 	275 A
switch position 5 • for inside-delta circuit at rotary coding switch on switch position 6 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on 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 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 15 • 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 234 A minimum load [%] power loss [M] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 50 °C after startup • at 50 °C during startup • at 60 °C during startup	 for inside-delta circuit at rotary coding switch on 	296 A
switch position 6 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on 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 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 13 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • 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 minimum 234 A minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 50 °C after startup • at 50 °C during startup • at 50 °C during startup • at 50 °C during startup • at 60 °C during startup		317 A
switch position 7 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on 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 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 13 • 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 minimum 234 A minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup • at 40 °C during startup • at 50 °C during startup • at 50 °C during startup • at 50 °C during startup • at 60 °C during startup	switch position 6	338 A
switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on 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 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 15 • 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 minimum 234 A minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup • at 60 °C after startup • at 40 °C during startup • at 40 °C during startup • at 50 °C during startup • at 60 °C during startup	switch position 7	
in switch position 9 in for inside-delta circuit at rotary coding switch on switch position 10 in for inside-delta circuit at rotary coding switch on switch position 11 in for inside-delta circuit at rotary coding switch on switch position 12 in for inside-delta circuit at rotary coding switch on switch position 13 in for inside-delta circuit at rotary coding switch on switch position 13 in for inside-delta circuit at rotary coding switch on switch position 14 in for inside-delta circuit at rotary coding switch on switch position 15 in for inside-delta circuit at rotary coding switch on switch position 15 in 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 a for inside-delta circuit at rotary coding switch on switch position 16 at a for inside-delta circuit at rotary coding switch on switch position 16 at a for inside-delta circuit at rotary coding switch on switch position 16 at a for inside-delta circuit at rotary coding switch on switch position 16 at a for inside-delta circuit at rotary coding switch on switch position 16 at a for inside-delta circuit at rotary coding switch on switch position 15 at a for inside-delta circuit at rotary coding switch on switch position 15 at 40 °C after startup at 40 °C during startup at 40 °C during startup at 60 °C during startup	switch position 8	
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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 15 • 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 minimum 234 A minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 60 °C after startup • at 40 °C during startup • at 40 °C during startup • at 50 °C during startup • at 60 °C during startup	switch position 10	
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 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit minimum 234 A minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup • at 40 °C during startup • at 40 °C during startup • at 50 °C during startup • at 50 °C during startup • at 60 °C during startup	switch position 11	
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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 minimum 234 A minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup • at 40 °C during startup • at 50 °C during startup • at 50 °C during startup • at 60 °C during startup	switch position 13	
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switch position 16 • at inside-delta circuit minimum minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup • at 40 °C during startup • at 50 °C during startup • at 60 °C during startup	switch position 15	
minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup • at 40 °C during startup • at 40 °C during startup • at 60 °C during startup	switch position 16	234 A
power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup power loss [W] at AC at current limitation 350 % • at 40 °C during startup • at 50 °C during startup • at 60 °C during startup		
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• at 60 °C during startup 3 934 W	 at 40 °C during startup 	5 350 W
	 at 50 °C during startup 	4 471 W
	at 60 °C during startup	3 934 W
Control circuit/ Control	Control circuit/ Control	

type of voltage of the control supply voltage	AC
control supply voltage at AC	
• at 50 Hz	110 250 V
• at 60 Hz	110 250 V
relative negative tolerance of the control supply voltage at AC at 50 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 50 Hz	10 %
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 60 Hz	10 %
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 current in standby mode rated value	30 mA
holding current in bypass operation rated value	100 mA
inrush current peak at application of control supply voltage maximum	12.2 A
duration of inrush current peak at application of control supply voltage	2.2 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
 at DC-13 at 24 V rated value 	1 A
Installation/ mounting/ dimensions	
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting
	surface +/- 22.5° tiltable to the front and back
fastening method	screw fixing
height	393 mm
width	210 mm
depth	203 mm
required spacing with side-by-side mounting	
forwards	10 mm
backwards	0 mm
• upwards	100 mm
downwards	75 mm
at the side	5 mm
weight without packaging	9.9 kg
Connections/ Terminals	
type of electrical connection	
for main current circuit	busbar connection
• for control circuit	screw-type terminals
width of connection bar maximum	45 mm
wire length for thermistor connection	
 with conductor cross-section = 0.5 mm² maximum 	50 m
 with conductor cross-section = 1.5 mm² maximum 	150 m
 with conductor cross-section = 2.5 mm² maximum 	250 m
type of connectable conductor cross-sections	
 for DIN cable lug for main contacts stranded 	2x (50 240 mm²)
 for DIN cable lug for main contacts finely stranded 	2x (70 240 mm²)
type of connectable conductor cross-sections	
for control circuit solid	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)
 for control circuit finely stranded with core end 	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)

processing	
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
tightening torque	14 24 N·m
 for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals 	0.8 1.2 N·m
tightening torque [lbf·in]	
 for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals 	124 210 lbf·in 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
during storage and transport	-40 +80 °C
 environmental category during operation according to IEC 60721 	3K6 (no ice formation, only occasional condensation), 3C3 (no salt
during operation according to IEC 60721 during storage according to IEC 60721	mist), 3S2 (sand must not get into the devices), 3M6 1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must
during transport according to IEC 60721	not get inside the devices), 1M4 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
PROFIBUS UL/CSA ratings	Yes
UL/CSA ratings manufacturer's article number	Yes
UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V	Yes Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 18 kA
UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65
UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 18 kA
UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA
UL/CSA ratings manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA
wanufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq max = 65 kA
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manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA
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■ Of circuit breaker ■ usable for Standard Faults at 460/480 V according to UL ■ usable for High Faults at 460/480 V according to UL ■ usable for Standard Faults at 460/480 V at inside-delta circuit according to UL ■ usable for High Faults at 460/480 V at inside-delta circuit according to UL ■ usable for High Faults at 460/480 V at inside-delta circuit according to UL ■ usable for Standard Faults at 575/600 V according to UL ■ usable for Standard Faults at 575/600 V at inside-delta circuit according to UL ■ usable for Standard Faults 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 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 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	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq max = 65 kA Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 18 kA Siemens type: 3VA54, max. 600 A; Iq = 18 kA Type: Class J / L, max. 1000 A; Iq = 18 kA Type: Class J / L, max. 1000 A; Iq = 100 kA Type: Class J / L, max. 1000 A; Iq = 100 kA Type: Class J / L, max. 1000 A; Iq = 100 kA
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value

• at 220/230 V at inside-delta circuit at 50 °C rated

200 hp

• at 460/480 V at inside-delta circuit at 50 °C rated

• at 575/600 V at inside-delta circuit at 50 °C rated value

contact rating of auxiliary contacts according to UL

400 hp

500 hp

R300-B300

Safety related data

protection class IP on the front according to IEC 60529

touch protection on the front according to IEC 60529 electromagnetic compatibility

IP00; IP20 with cover

finger-safe, for vertical contact from the front with cover 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)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5245-6TC15

Cax online generator

 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RW5245-6TC15}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5245-6TC15

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5245-6TC15&lang=en

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

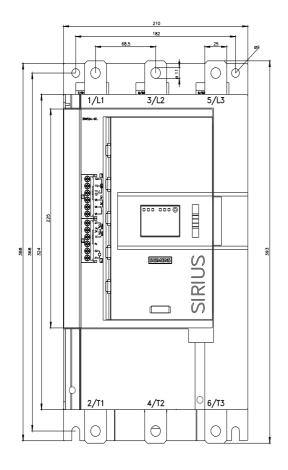
https://support.industry.siemens.com/cs/ww/en/ps/3RW5245-6TC15/char

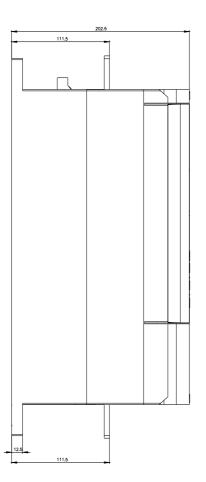
Characteristic: Installation altitude

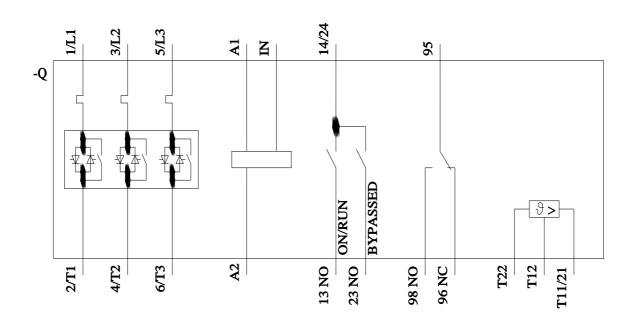
 $\underline{\text{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5245-6TC15\&objecttype=14\&gridview=view1}$

Simulation Tool for Soft Starters (STS)

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







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