SIEMENS

product brand name

Data sheet 3RW5248-6AC14

SIRIUS



SIRIUS soft starter 200-480 V 570 A, 110-250 V AC Screw terminals Analog output





product category	Hybrid switching devices
product designation	Soft starter
product type designation	3RW52
manufacturer's article number	
 of standard HMI module usable 	3RW5980-0HS00
 of high feature HMI module usable 	3RW5980-0HF00
 of communication module PROFINET standard usable 	3RW5980-0CS00
 of communication module PROFIBUS usable 	3RW5980-0CP00
 of communication module Modbus TCP usable 	3RW5980-0CT00
 of communication module Modbus RTU usable 	3RW5980-0CR00
 of communication module Ethernet/IP 	3RW5980-0CE00
 of circuit breaker usable at 400 V 	3VA2580-6HN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
 of circuit breaker usable at 500 V 	3VA2580-6HN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
 of circuit breaker usable at 400 V at inside-delta circuit 	3VA2510-6HN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
 of circuit breaker usable at 500 V at inside-delta circuit 	3VA2510-6HN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
 of the gG fuse usable up to 690 V 	2x3NA3365-6; Type of coordination 1, Iq = 65 kA
 of the gG fuse usable at inside-delta circuit up to 500 V 	2x3NA3365-6; Type of coordination 1, Iq = 65 kA
 of full range R fuse link for semiconductor protection usable up to 690 V 	3NE1437-2; Type of coordination 2, Iq = 65 kA
 of back-up R fuse link for semiconductor protection usable up to 690 V 	3NE3340-8; Type of coordination 2, Iq = 65 kA
General technical data	
starting voltage [%]	30 100 %
stopping voltage [%]	50 %; non-adjustable
start-up ramp time of soft starter	0 20 s
current limiting value [%] adjustable	130 700 %
certificate of suitability	
CE marking	Yes
 UL approval 	Yes
CSA approval	Yes
product component	
HMI-High Feature	No
• is supported HMI-Standard	Yes
is supported HMI-High Feature	Yes
product feature integrated bypass contact system	Yes
number of controlled phases	3
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	1 600 V
service factor	1
surge voltage resistance rated value	6 kV
maximum permissible voltage for protective separation	ONV
between main and auxiliary circuit	600 V
shock resistance	15 g / 11 ms, from 12 g / 11 ms with potential contact lifting
utilization category according to IEC 60947-4-2	AC 53a
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	02/15/2018
SVHC substance name	Lead - 7439-92-1
SVIIO Substance name	Lead - 7435-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 Dibutylbis(pentane-2,4-dionato-O,O')tin - 22673-19-4
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; Electronic motor overload protection
 evaluation of thermistor motor protection 	No
inside-delta circuit	Yes
• auto-RESET	Yes
manual RESET	Yes
• remote reset	Yes; By turning off the control supply voltage
communication function	Yes
 operating measured value display 	Yes; Only in conjunction with special accessories
• error logbook	Yes; Only in conjunction with special accessories
 via software parameterizable 	No
 via software configurable 	Yes
 PROFlenergy 	Yes; in connection with the PROFINET Standard communication module
• firmware update	Yes
 removable terminal for control circuit 	Yes
• torque control	No
analog output	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature HMI)
Power Electronics	
operational current	
• at 40 °C rated value	570 A
• at 50 °C rated value	504 A
at 60 °C rated value	460 A
operational current at inside-delta circuit	
at 40 °C rated value	987 A
at 50 °C rated value	873 A
at 60 °C rated value	796 A
operating voltage	
• rated value	200 480 V
at inside-delta circuit rated value	200 480 V
relative negative tolerance of the operating voltage	15 %
relative positive tolerance of the operating voltage	10 %
relative negative tolerance of the operating voltage at inside-delta circuit	-15 % -10 %
relative positive tolerance of the operating voltage at inside-delta circuit	10 %
operating power for 3-phase motors	400 kW
• at 230 V at 40 °C rated value	160 kW
at 230 V at inside-delta circuit at 40 °C rated value	315 kW

at 400 V at 40 °C rated value	315 kW
at 400 V at 40 °C rated value at 400 V at inside delta circuit at 40 °C rated value.	315 kW 560 kW
at 400 V at inside-delta circuit at 40 °C rated value Operating frequency 1 rated value	560 KW 50 Hz
Operating frequency 1 rated value	60 Hz
Operating frequency 2 rated value	-10 %
relative negative tolerance of the operating frequency	10 %
relative positive tolerance of the operating frequency	10 %
adjustable motor current	240 A
at rotary coding switch on switch position 1 at rotary coding switch on switch position 2	262 A
at rotary coding switch on switch position 2 at rotary coding switch on switch position 2	284 A
 at rotary coding switch on switch position 3 at rotary coding switch on switch position 4 	306 A
·	328 A
at rotary coding switch on switch position 5 at rotary coding switch on switch position 6	350 A
at rotary coding switch on switch position 6 at rotary coding switch on switch position 7.	372 A
at rotary coding switch on switch position 7 at rotary coding switch on switch position 9	394 A
at rotary coding switch on switch position 8 at rotary coding switch on switch position 9	416 A
at rotary coding switch on switch position 10	438 A
 at rotary coding switch on switch position 10 at rotary coding switch on switch position 11 	456 A 460 A
at rotary coding switch on switch position 12	482 A
at rotary coding switch on switch position 13	504 A
at rotary coding switch on switch position 14	526 A
at rotary coding switch on switch position 15	548 A
at rotary coding switch on switch position 16	570 A
minimum	240 A
adjustable motor current	
for inside-delta circuit at rotary coding switch on switch position 1	416 A
 for inside-delta circuit at rotary coding switch on switch position 2 	454 A
 for inside-delta circuit at rotary coding switch on switch position 3 	492 A
 for inside-delta circuit at rotary coding switch on switch position 4 	530 A
for inside-delta circuit at rotary coding switch on switch position 5 for inside delta circuit at rotary coding switch on switch position to the circuit at rotary coding switch on switch and switch on switch	568 A 606 A
 for inside-delta circuit at rotary coding switch on switch position 6 for inside-delta circuit at rotary coding switch on switch 	644 A
position 7 • for inside-delta circuit at rotary coding switch on switch	682 A
position 8 • for inside-delta circuit at rotary coding switch on switch	721 A
position 9 • for inside-delta circuit at rotary coding switch on switch	759 A
position 10 • for inside-delta circuit at rotary coding switch on switch position 11	797 A
for inside-delta circuit at rotary coding switch on switch position 12	835 A
for inside-delta circuit at rotary coding switch on switch position 13	873 A
 for inside-delta circuit at rotary coding switch on switch position 14 	911 A
 for inside-delta circuit at rotary coding switch on switch position 15 	949 A
for inside-delta circuit at rotary coding switch on switch position 16	987 A
at inside-delta circuit minimum	416 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	102 W
• at 40 °C after startup	183 W
at 50 °C after startup at 60 °C after startup	163 W
at 60 °C after startup nower loss IMI at AC at current limitation 350 %	153 W
power loss [W] at AC at current limitation 350 % • at 40 °C during startup	10 241 W
at 50 °C during startup at 50 °C during startup	8 500 W
▼ at 30 C during stattup	U DIAN VV

control supply voltage at AC • If 0 19tz •	at 60 °C during startup	7 663 W
control supply voltage at AC * at 60 Hz	Control circuit/ Control	
control supply voltage at AC * at 60 Hz	type of voltage of the control supply voltage	AC
and 60 Hz and 6	··· · · · · · · · · · · · · · · · · ·	
relative negative tolerance of the control supply voltage at Act at 50 Hz. relative positive tolerance of the control supply voltage at Act at 50 Hz. relative positive tolerance of the control supply voltage at Act at 50 Hz. relative positive tolerance of the control supply voltage at Act at 50 Hz. relative positive tolerance of the control supply voltage at Act at 50 Hz. relative positive tolerance of the control supply voltage frequency. 50 60 Hz. relative positive tolerance of the control supply voltage frequency and the control supply voltage frequency. 10 % 50 60 Hz. relative positive tolerance of the control supply voltage frequency. 10 %		110 250 V
AC at 50 kiż relative positive tolerance of the control supply voltage at AC at 50 kiż. relative negative tolerance of the control supply voltage at AC at 50 kiż. relative negative tolerance of the control supply voltage at AC at 50 kiż. relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency control supply current in standby mode rated value holding current in stypass operation rated value holding current in stypass operation rated value holding current in stypass operation rated value innush current pask at application of control supply voltage masimum. A positive frequency voltage design of short-circuit protection for control circuit design of short-circuit protection for control circuit branker (reu=600 A), C6 miniature circuit breaker (reu=300 A); Is not part of soope of supply puts/ Outputs 1 number of digital inputs 1 control supply vorting 1 and AC-15 at 25 V rated value 2 and AC-15 at 25 V rated value 3 A A 1 a 1 a 1 a 1 a 1 a 1 a 1 a 1 a 1 a	● at 60 Hz	110 250 V
AC at 50 Hz relative negative tolerance of the control supply voltage at AC at 50 Hz relative positive tolerance of the control supply voltage at AC at 50 Hz relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency control supply current in standby moder rated value holding current in bypass operation rated value holding current peak at application of control supply voltage insush current peak at application of control supply voltage maximum relative positive tolerance of the control supply voltage insush current peak at application of control supply voltage maximum insush current peak at application of control supply voltage frequency duration of firush current peak at application of control supply voltage at a polication of control supply voltage frequency positive fire positive		-15 %
AC at 60 Hz relative positive tolerance of the control supply voltage at AC at 60 Hz control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency control supply current in standby mode rated value holding current in bypass operation rated value holding current in bypass operation rated value holding current in bypass operation rated value house inrush current peak at application of control supply voltage maximum duration of inrush current peak at application of control supply voltage design of short-circuit protection for control supply voltage design of the overvoltage protection 4 A gG fluse (flu=1 kA), 6 A quick-acting fluse (flu=1 kA), C1 ministure circuit breaker fluse 300 A), is not part of soope of supply puts/ Outputs number of digital inputs 1 number of digital outputs a AC 15 at 250 V rated value a AC 15 at 250 V rated value a AC 15 at 224 V rated value a AC 15 at 224 V rated value a AC 15 at 224 V rated value a AC 15 at 225 V rated value a AC 15 at 250 V rated value b AC 150 mm current position (bight 393 mm with depth 400 mm cuprards 400 mm cuprards 400 mm cuprards 400 mm 400 mm		10 %
AC at 80 Hz control supply voltage frequency rolative negative tolerance of the control supply voltage frequency. rolative negative tolerance of the control supply voltage frequency. rolative positive tolerance of the control supply voltage frequency. rolative positive tolerance of the control supply voltage frequency. rolative positive tolerance of the control supply voltage frequency. rolative positive tolerance of the control supply voltage frequency. rolative positive tolerance of the control supply voltage massimum duration of incish current peak at application of control supply voltage design of short-circuit protection design of short-circuit protection of control supply voltage design of short-circuit protection of control circuit breaker (icu= 600 A), C8 ministure circuit breaker (icu= 300 A); is not part of scope of supply voltage of supply positive fourth of supply voltage number of digital inputs number of digital inputs number of digital outputs on the parameterizable on the parameterizable on the parameterizable on the parameterizable on the control circuit of the relay outputs on the contr		-15 %
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frequency control supply current in standby mode rated value holding current in bypass operation rated value holding current by closing the bypass contacts maximum innush current peak at application of control supply voltage maximum duration of innush current peak at application of control supply voltage design of the overvoltage protection design of short-circuit protection for control circuit by Ag G lass ((cu=1 kA), 6 A quick-acting fuse ((cu=1 kA), C1 miniature circuit breaker (cu= 300 A), 1 is not part of scope of supply puts' Outputs number of digital inputs number of digital outputs a not parameterizable 2 comally-open contacts (NO) / 1 changeover contact (CO) 1 switching capacity current of the relay outputs a ta AC-15 at 250 V rated value a ta AC-15 at 24 V rated value a ta AC-15 at 24 V rated value a ta AC-15 at 24 V rated value batallation/mounting/dimensions mounting position 4 convards 4 con maximum width 20 mm depth 20 mm required spacing with side-by-side mounting a forwards backwards 10 mm backwards 10 mm convards 100 mm convards 100 mm backwards 100 mm backwards 100 mm convards 100 mm backwards 100 mm convards 100 mm backwards 100 mm convards 100 mm backwards 100 mm backwards 100 mm backwards 100 mm convards 100 mm backwards 100 mm convards 100 mm convards 100 mm backwards 100 mm backwards 100 mm convards 100 mm backwards 100 mm convards 100		-10 %
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enot parameterizable 2 normally-open contacts (NO) / 1 changeover contact (CO) number of analog outputs 1 switching capacity current of the relay outputs eat AC-15 at 250 V rated value 3 A at DC-13 at 24 V rated value 1 A statilation/ 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 depth 200 mm depth 200 mm depth 200 mm enquired spacing with side-by-side mounting endownwards 0 mm evalue space of the side 5 mm evalue state side 5 mm weight without packaging 10.6 kg connections/Terminals type of electrical connection e for main current circuit or for main current circuit solid 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) e for control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)		1
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• at AC-15 at 250 V rated value • at DC-13 at 24 V rated value 1 A ***stallation/ mounting/ dimensions ***mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tillable to the front and back fastening method **screw fixing **height **393 mm **withth **depth **203 mm **required spacing with side-by-side mounting • forwards • backwards • 0 mm • upwards • upwards • downwards • 35 mm **weight without packaging **onnections/ Terminals **type of electrical connection • for main current circuit • for control circuit **ofor connectable conductor cross-sections • for DIN cable lug for main contacts finely stranded • for Coll connectable conductor cross-sections • for control circuit solid **to possible with out packs ging **ofor connectable conductor cross-sections • for control circuit solid **to possible with out packs ging	number of analog outputs	1
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 backwards upwards downwards at the side 5 mm weight without packaging 10.6 kg onnections/ Terminals type of electrical connection for main current circuit for control circuit screw-type terminals width of connection bar maximum type of connectable conductor cross-sections for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded 2x (50 240 mm²) type of connectable conductor cross-sections for control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 		10 mm
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 downwards at the side b mm weight without packaging 10.6 kg Innections/ Terminals type of electrical connection for main current circuit for control circuit screw-type terminals width of connection bar maximum type of connectable conductor cross-sections for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for DIN cable conductor cross-sections for control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 		
 at the side weight without packaging 10.6 kg Innections/ Terminals type of electrical connection for main current circuit for control circuit screw-type terminals width of connection bar maximum type of connectable conductor cross-sections for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 	·	
weight without packaging onnections/ Terminals type of electrical connection		
type of electrical connection • for main current circuit • for control circuit • for connection bar maximum type of connectable conductor cross-sections • for DIN cable lug for main contacts stranded • for DIN cable lug for main contacts finely stranded • for connectable conductor cross-sections • for connectable conductor cross-sections • for connectable conductor cross-sections • for control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)		
 for main current circuit for control circuit screw-type terminals width of connection bar maximum type of connectable conductor cross-sections for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 	Connections/ Terminals	
 for main current circuit for control circuit screw-type terminals width of connection bar maximum type of connectable conductor cross-sections for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 	type of electrical connection	
width of connection bar maximum type of connectable conductor cross-sections of or DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded 2x (50 240 mm²) 2x (70 240 mm²) type of connectable conductor cross-sections of or control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)		busbar connection
type of connectable conductor cross-sections • for DIN cable lug for main contacts stranded • for DIN cable lug for main contacts finely stranded 2x (50 240 mm²) 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	screw-type terminals
 for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 	width of connection bar maximum	
 ◆ 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) 	type of connectable conductor cross-sections	
type of connectable conductor cross-sections • for control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)	• for DIN cable lug for main contacts stranded	2x (50 240 mm²)
• for control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)	• for DIN cable lug for main contacts finely stranded	2x (70 240 mm²)
	type of connectable conductor cross-sections	
• for control circuit finely stranded with core end processing 1x (0.5 2.5 mm²). 2x (0.5 1.5 mm²)	• for control circuit solid	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)
	• for control circuit finely stranded with core end processing	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)

 for 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	
for main contacts with screw-type terminals	14 24 N·m
for auxiliary and control contacts with screw-type	0.8 1.2 N·m
terminals	
tightening torque [lbf·in]	
 for main contacts with screw-type terminals 	124 210 lbf-in
 for auxiliary and control contacts with screw-type terminals 	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 mist), 3S2 (sand must not get into the devices), 3M6
 during storage according to IEC 60721 	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
 during transport according to IEC 60721 	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)
Environmental footprint	
Siemens Eco Profile (SEP)	Siemens EcoTech
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
	100
	Yes
Modbus TCP	Yes Yes
Modbus TCP PROFIBUS	Yes Yes
Modbus TCP PROFIBUS UL/CSA ratings	
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number	
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse — usable for Standard Faults up to 575/600 V	
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse	Yes
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to	Type: Class J / L, max. 1600 A; Iq = 30 kA
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up	Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for 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	Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA Type: Class J / L, max. 1600 A; Iq = 30 kA
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for 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	Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA Type: Class J / L, max. 1600 A; Iq = 30 kA
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for 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 operating power [hp] for 3-phase motors	Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for 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 operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value	Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for 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 operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value	Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for 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 operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 460/480 V at 50 °C rated value at 460/480 V at 50 °C rated value	Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA 150 hp 200 hp 400 hp
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for 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 operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 460/480 V at 50 °C rated value at 200/208 V at inside-delta circuit at 50 °C rated value at 200/208 V at inside-delta circuit at 50 °C rated value	Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA 150 hp 200 hp 400 hp 300 hp
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for 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 operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 200/208 V at inside-delta circuit at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value	Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA 150 hp 200 hp 400 hp 300 hp 350 hp
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for 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 operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 460/480 V at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value	Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA 150 hp 200 hp 400 hp 300 hp 350 hp 750 hp
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for 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 operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 460/480 V at 50 °C rated value at 200/208 V at inside-delta circuit at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value	Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA 150 hp 200 hp 400 hp 300 hp 350 hp 750 hp
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for 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 operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value	Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA 150 hp 200 hp 400 hp 300 hp 350 hp 750 hp R300-B300
Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for 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 operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 260/480 V at 50 °C rated value at 200/208 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value contact rating of auxiliary contacts according to UL Electrical Safety protection class IP on the front according to IEC 60529	Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1200 A; Iq = 100 kA 150 hp 200 hp 400 hp 300 hp 350 hp 750 hp R300-B300

Confirmation











EMV Test Certificates Marine / Shipping



<u>KC</u>

Type Test Certificates/Test Report







Marine / Shipping

other

Environment



Confirmation





Environmental Confirmations

Further information

Information on the packaging

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

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5248-6AC14

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5248-6AC14

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5248-6AC14

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5248-6AC14&lang=er

Characteristic: Tripping characteristics, I2t, Let-through current

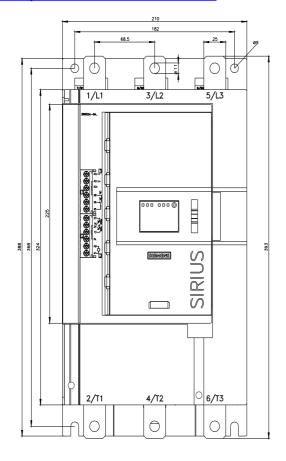
https://support.industry.siemens.com/cs/ww/en/ps/3RW5248-6AC14/char

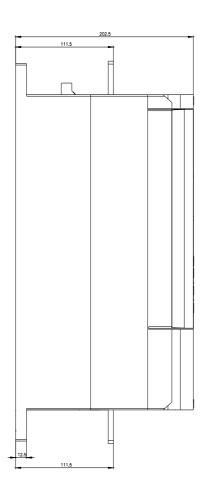
Characteristic: Installation altitude

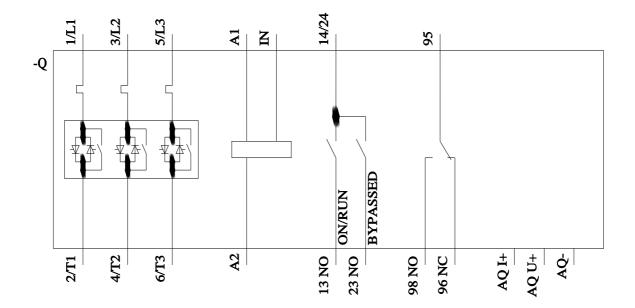
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5248-6AC14&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

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







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