SIEMENS

Data sheet

3RW5227-1AC14



SIRIUS soft starter 200-480 V 93 A, 110-250 V AC Screw terminals Analog output

product brand name	SIRIUS		
product brand name	Hybrid switching devices		
product designation	Soft starter		
product designation	3RW52		
manufacturer's article number	51/1/02		
of standard HMI module usable	3RW5980-0HS00		
 of high feature HMI module usable 	3RW5980-0HF00		
5			
 of communication module PROFINET standard usable 	<u>3RW5980-0CS00</u>		
 of communication module PROFIBUS usable 	<u>3RW5980-0CP00</u>		
 of communication module Modbus TCP usable 	<u>3RW5980-0CT00</u>		
 of communication module Modbus RTU usable 	<u>3RW5980-0CR00</u>		
 of communication module Ethernet/IP 	<u>3RW5980-0CE00</u>		
 of circuit breaker usable at 400 V 	3VA2216-7MN32-0AA0: Type of coordination 1, lq = 15 kA, CLASS 10		
 of circuit breaker usable at 500 V 	3VA2216-7MN32-0AA0; Type of coordination 1, Iq = 10 kA, CLASS 10		
 of circuit breaker usable at 400 V at inside-delta circuit 	3VA2220-7MN32-0AA0; Type of coordination 1, Iq = 15 kA, CLASS 10		
 of circuit breaker usable at 500 V at inside-delta circuit 	3VA2220-7MN32-0AA0; Type of coordination 1, Iq = 10 kA, CLASS 10		
 of the gG fuse usable up to 690 V 	3NA3136-6; Type of coordination 1, Iq = 65 kA		
 of the gG fuse usable at inside-delta circuit up to 500 V 	<u>3NA3136-6: Type of coordination 1, lq = 65 kA</u>		
 of full range R fuse link for semiconductor protection usable up to 690 V 	<u>3NE1224-0: Type of coordination 2. lq = 65 kA</u>		
 of back-up R fuse link for semiconductor protection usable up to 690 V 	<u>3NE4124; Type of coordination 2, Iq = 65 kA</u>		
eneral technical data			
starting voltage [%]	30 100 %		
stopping voltage [%]	50 50 %		
start-up ramp time of soft starter	0 20 s		
current limiting value [%] adjustable	130 700 %		
certificate of suitability			
• CE marking	Yes		
UL approval	Yes		
CSA approval	Yes		
product component is supported			
HMI-Standard	Yes		
HMI-High Feature	Yes		
	Yes		
product feature integrated bypass contact system			
product feature integrated bypass contact system number of controlled phases	3		

huffering time in the event of nower failure				
 buffering time in the event of power failure for main current circuit 	100 ms			
	100 ms			
for control circuit	100 ms 600 V			
insulation voltage rated value				
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	200 V			
between main and auxiliary circuit	600 V			
shock resistance	15 g / 11 ms, from 12 g / 11 ms with potential contact lifting			
vibration resistance	15 mm to 6 Hz; 2g to 500 Hz			
utilization category acc. to IEC 60947-4-2	AC 53a			
reference code acc. to IEC 81346-2	Q			
Substance Prohibitance (Date)	15.02.2018 00:00:00			
product function				
 ramp-up (soft starting) 	Yes			
 ramp-down (soft stop) 	Yes			
Soft Torque	Yes			
 adjustable current limitation 	Yes			
 pump ramp down 	Yes			
 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	93 A			
• at 50 °C rated value	83 A			
• at 60 °C rated value	76 A			
operational current at inside-delta circuit				
• at 40 °C rated value	161 A			
• at 50 °C rated value	143 A			
• at 60 °C rated value	131 A			
operating voltage				
rated value	200 480 V			
at inside-delta circuit rated value	200 480 V			
relative negative tolerance of the operating voltage	-15 %			
relative positive tolerance of the operating voltage	10 %			
relative negative tolerance of the operating voltage at	-15 %			
inside-delta circuit relative positive tolerance of the operating voltage at	10 %			
inside-delta circuit				
operating power for 3-phase motors				
 at 230 V at 40 °C rated value 	22 kW			

 at 230 V at inside-delta circuit at 40 °C rated value at 400 V at 40 °C rated value at 400 V at inside-delta circuit at 40 °C rated value 90 kW Operating frequency 1 rated value 50 Hz Operating frequency 2 rated value 60 Hz relative negative tolerance of the operating frequency relative positive tolerance of the operating frequency 10 % adjustable motor current at rotary coding switch on switch position 1 40.5 A at rotary coding switch on switch position 3 at rotary coding switch on switch position 4 51 A at rotary coding switch on switch position 5 54.5 A 	
 at 400 V at inside-delta circuit at 40 °C rated value 90 kW Operating frequency 1 rated value 50 Hz Operating frequency 2 rated value 60 Hz relative negative tolerance of the operating frequency -10 % relative positive tolerance of the operating frequency 10 % adjustable motor current at rotary coding switch on switch position 1 40.5 A at rotary coding switch on switch position 2 44 A at rotary coding switch on switch position 3 47.5 A at rotary coding switch on switch position 4 51 A 	
Operating frequency 1 rated value50 HzOperating frequency 2 rated value60 Hzrelative negative tolerance of the operating frequency-10 %relative positive tolerance of the operating frequency10 %adjustable motor current10 %• at rotary coding switch on switch position 140.5 A• at rotary coding switch on switch position 244 A• at rotary coding switch on switch position 347.5 A• at rotary coding switch on switch position 451 A	
Operating frequency 2 rated value60 Hzrelative negative tolerance of the operating frequency-10 %relative positive tolerance of the operating frequency10 %adjustable motor current40.5 A• at rotary coding switch on switch position 140.5 A• at rotary coding switch on switch position 244 A• at rotary coding switch on switch position 347.5 A• at rotary coding switch on switch position 451 A	
relative negative tolerance of the operating frequency-10 %relative positive tolerance of the operating frequency10 %adjustable motor current10 %• at rotary coding switch on switch position 140.5 A• at rotary coding switch on switch position 244 A• at rotary coding switch on switch position 347.5 A• at rotary coding switch on switch position 451 A	
relative positive tolerance of the operating frequency 10 % adjustable motor current 10 % • at rotary coding switch on switch position 1 40.5 A • at rotary coding switch on switch position 2 44 A • at rotary coding switch on switch position 3 47.5 A • at rotary coding switch on switch position 4 51 A	
adjustable motor current • at rotary coding switch on switch position 1 • at rotary coding switch on switch position 2 • at rotary coding switch on switch position 3 • at rotary coding switch on switch position 3 • at rotary coding switch on switch position 4 • at rotary coding switch on switch position 4	
 at rotary coding switch on switch position 1 at rotary coding switch on switch position 2 at rotary coding switch on switch position 3 at rotary coding switch on switch position 4 51 A 	
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 at rotary coding switch on switch position 3 at rotary coding switch on switch position 4 51 A 	
• at rotary coding switch on switch position 4 51 A	
• at rotary county switch on switch position 5 54.5 A	
at rotary coding switch on switch position 6 58 A	
• at rotary coding switch on switch position 7 61.5 A	
at rotary coding switch on switch position 8 65 A	
at rotary coding switch on switch position 9 68.5 A	
at rotary coding switch on switch position 10 72 A	
 at rotary coding switch on switch position 11 75.5 A at rotary coding switch on switch position 12 79 A 	
 at rotary coding switch on switch position 15 at rotary coding switch on switch position 16 93 A 	
 at rotary coding switch on switch position 16 minimum 40.5 A 	
adjustable motor current	
for inside-delta circuit at rotary coding switch on switch position 1 70.1 A	
for inside-delta circuit at rotary coding switch on 76.2 A 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 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 119 A	
for inside-delta circuit at rotary coding switch on switch position 10 for inside delta circuit at rotary coding switch on 131 A	
 for inside-delta circuit at rotary coding switch on switch position 11 for inside-delta circuit at rotary coding switch on 137 A 	
 for inside-delta circuit at rotary coding switch on for inside-delta circuit at rotary coding switch on 143 A 	
 For inside-delta circuit at rotary coding switch on for inside-delta circuit at rotary coding switch on 149 A 	
 switch position 14 for inside-delta circuit at rotary coding switch on 155 A 	
 switch position 15 for inside-delta circuit at rotary coding switch on 161 A 	
 switch position 16 at inside-delta circuit minimum 70.1 A 	
minimum load [%] 15 %; Relative to smallest settable le	
power loss [W] for rated value of the current at AC	
• at 40 °C after startup 40 W	
• at 50 °C after startup 37 W	
• at 60 °C after startup 35 W	

	-			
power loss [W] at AC at current limitation 350 %				
 at 40 °C during startup 	1 270 W			
 at 50 °C during startup 	1 077 W			
• at 60 °C during startup	959 W			
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	75 mA			
locked-rotor current at close of bypass contact maximum	2.5 A			
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				
	not part of scope of supply			
Inputs/ Outputs number of digital inputs number of inputs for thermistor connection				
number of digital inputs	not part of scope of supply			
number of digital inputs number of inputs for thermistor connection	not part of scope of supply 1 0			
number of digital inputs number of inputs for thermistor connection number of digital outputs	not part of scope of supply 1 0 3			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable	not part of scope of supply 1 0 3 2			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO)			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO)			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs	1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting oforwards outpwards odownwards odownwards	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 10 mm 5 mm			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • downwards	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 75 mm			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting oforwards outpwards odownwards odownwards odownwards	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 10 mm 5 mm			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting oforwards ownwards ownwards ownwards ownwards weight without packaging	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm			
number of digital inputs number of inputs for thermistor connection number of digital outputs • not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • at the side weight without packaging	not part of scope of supply 1 0 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm			

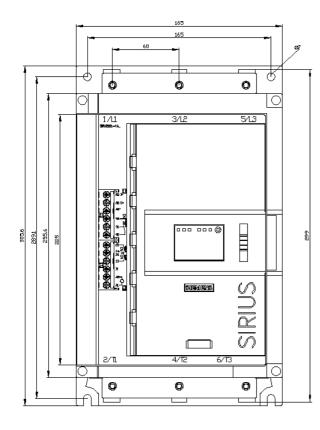
width of connection bar maximum	25 mm			
type of connectable conductor cross-sections				
 for main contacts for box terminal using the front clamping point solid 	1x (2.5 16 mm²)			
 for main contacts for box terminal using the front clamping point finely stranded with core end processing 	1x (2.5 50 mm²)			
 for main contacts for box terminal using the front clamping point stranded 	1x (10 70 mm²)			
 at AWG cables for main contacts for box terminal using the front clamping point 	1x (10 2/0)			
 for main contacts for box terminal using the back clamping point solid 	1x (2.5 16 mm²)			
 at AWG cables for main contacts for box terminal using the back clamping point 	1x (10 2/0)			
 for main contacts for box terminal using both clamping points solid 	2x (2.5 16 mm²)			
 for main contacts for box terminal using both clamping points finely stranded with core end processing 	2x (2.5 35 mm²)			
 for main contacts for box terminal using both clamping points stranded 	2x (6 16 mm²), 2x (10 50 mm²)			
 for main contacts for box terminal using the back clamping point finely stranded with core end processing 	1x (2.5 50 mm²)			
 for main contacts for box terminal using the back clamping point stranded 	1x (10 70 mm²)			
type of connectable conductor cross-sections				
for control circuit solid	1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²)			
for control circuit finely stranded with core end processing	1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²)			
at AWG cables for control circuit solid	1x (20 12), 2x (20 14)			
wire length	900 m			
 between soft starter and motor maximum at the digital inputs at AC maximum 	800 m 100 m			
tightening torque				
 for main contacts with screw-type terminals 	4.5 6 N·m			
 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 	40 53 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 temperatureduring operation	-25 +60 °C; Please observe derating at temperatures of 40 °C or			
 during storage and transport 	above -40 +80 °C			
environmental category				
during operation acc. 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 acc. to IEC 60721	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4			
 during transport acc. to IEC 60721 	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)			
EMC emitted interference	acc. to IEC 60947-4-2: Class A			
Communication/ Protocol				
communication module is supported				
PROFINET standard	Yes			
EtherNet/IP Modbus PTU	Yes			
Modbus RTU Modbus TCP	Yes			
PROFIBUS	Yes			
UL/CSA ratings				

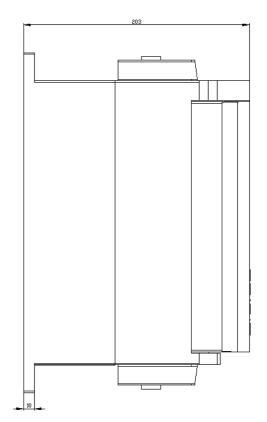
manufacturer's artic						
 of circuit brea 						
 — usable for according to 	r Standard Faults at 460/4 UL	80 V	Siemens type: 3VA51, max. 125 A; Iq = 10 kA			
— usable for to UL	⁻ High Faults at 460/480 V	according	Siemens type: 3VA51, max. 125 A; lq max = 65 kA			
	⁻ Standard Faults at 460/4 circuit according to UL	80 V at	Siemens type: 3VA51, max. 125 A; lq = 10 kA			
	⁻ High Faults at 460/480 V according to UL	' at inside-	Siemens type: 3VA51, max. 125 A; lq max = 65 kA			
 — usable for according to 	⁻ Standard Faults at 575/6 UL	00 V	Siemens type: 3VA51, max. 125 A; Iq = 10 kA			
	⁻ Standard Faults at 575/6 circuit according to UL	00 V at	Siemens type: 3VA51, max. 125 A; Iq = 10 kA			
 of the fuse 						
 — usable for according to 	⁻ Standard Faults up to 57 UL	5/600 V	Type: Class RK5 / K5,	max. 300 A; lq = 10 kA		
 — usable for according to 	⁻ High Faults up to 575/60 UL	0 V	Type: Class J / L, max. 250 A; lq = 100 kA			
	⁻ Standard Faults at inside 575/600 V according to UI		Type: Class RK5 / K5,	max. 300 A; Iq = 10 kA		
to 575/600 V	High Faults at inside-delt according to UL	a circuit up	Type: Class J / L, max. 250 A; Iq = 100 kA			
operating power [h	p] for 3-phase motors					
• at 200/208 V a	t 50 °C rated value		25 hp			
• at 220/230 V a	t 50 °C rated value		30 hp			
• at 460/480 V a	t 50 °C rated value		60 hp			
● at 200/208 V a value	t inside-delta circuit at 50	°C rated	40 hp			
value	t inside-delta circuit at 50		50 hp			
value	t inside-delta circuit at 50		100 hp			
contact rating of auxiliary contacts according to UL			R300-B300			
Safety related data						
protection class IP on the front acc. to IEC 60529		IP00; IP20 with cover				
·	the front acc. to IEC 60	529	finger-safe, for vertical contact from the front with cover			
electromagnetic co			in accordance with IEC	C 60947-4-2		
Certificates/ approva	ls					
General Product A	pproval			EMC	Declaration of Conformity	
6				A	~ ~	
œ	() ()	(NL)	EAE		CE	
CSA	ccc	UL		RCM	EG-Konf.	
Test Certificates	Marine / Shipping					
<u>Type Test Certific-</u> ates/Test Report			Lloyds Register		DNV-GL	
	ABS	BUREAU VERITAS	LRS	PRS	DAVIDLEDING	
other						
Confirmation						

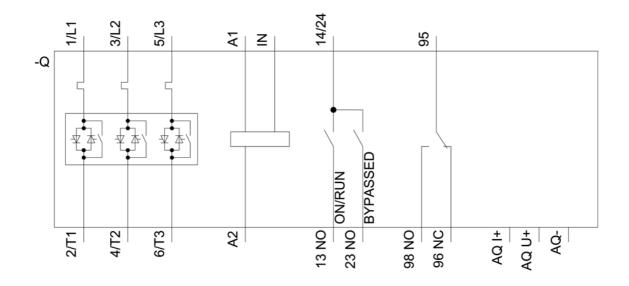
Further information

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=3RW5227-1AC14 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5227-1AC14 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RW5227-1AC14 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5227-1AC14&lang=en Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RW5227-1AC14/char Characteristic: Installation altitude http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5227-1AC14&objecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS)

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







last modified:

8/10/2021 🖸