SIEMENS

Data sheet

product brand name



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

3RW5227-3AC14



product category	Hybrid switching devices				
product designation	Soft starter				
product type designation	3RW52				
manufacturer's article number					
 of standard HMI module usable 	<u>3RW5980-0HS00</u>				
 of high feature HMI module usable 	<u>3RW5980-0HF00</u>				
 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, Iq = 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 	3NA3136-6; Type of coordination 1, Iq = 65 kA				
 of full range R fuse link for semiconductor protection usable up to 690 V 	<u>3NE1224-0; Type of coordination 2, Iq = 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 %; 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					

SIRIUS

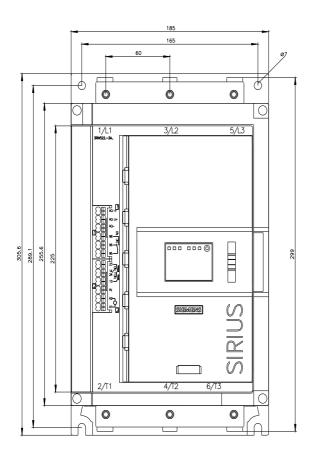
 for main current circuit 	100 ms				
for control circuit	100 ms				
insulation voltage rated value	100 ms 600 V				
degree of pollution					
impulse voltage rated value	3, acc. to IEC 60947-4-2 6 kV				
blocking voltage of the thyristor maximum	1 400 V				
service factor	1				
surge voltage resistance rated value	6 kV				
maximum permissible voltage for protective separation					
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 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 1,6,7,8,9,14,15,16,17,17,18,18- Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) covering any of its individual anti- and syn-isomers or any combination thereof Dibutylbis(pentane-2,4-dionato-O,O')tin - 22673-19-4 Dodecamethylcyclohexasiloxane (D6) - 540-97-6				
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 Yes; Only in conjunction with special accessories				
 error logbook via software parameterizable 	No				
via software configurable	Yes				
PROFlenergy	Yes 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	82.5 A				
● at 60 °C rated value	75.5 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 inside-delta circuit	-15 %				
relative positive tolerance of the operating voltage at	10 %				

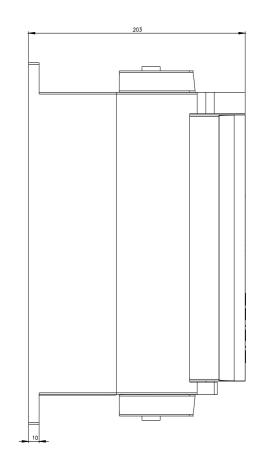
inside-delta circuit	
operating power for 3-phase motors	
at 230 V at 40 °C rated value	22 kW
at 230 V at inside-delta circuit at 40 °C rated value	45 kW
at 200 V at this develop a circuit at 40 °C rated value	45 kW
 at 400 V at 40 °C rated value at 400 V at inside-delta circuit at 40 °C rated value 	45 KW 90 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	40.5 A
 at rotary coding switch on switch position 1 at rotary coding switch on switch position 2 	40.5 A 44 A
 at rotary coding switch on switch position 2 at rotary coding switch on switch position 2 	44 A 47.5 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 rotary coding switch on switch position 6	58 A
 at rotary coding switch on switch position 7 at rotary coding switch on switch position 8 	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 13 	82.5 A
• at rotary coding switch on switch position 14	86 A
at rotary coding switch on switch position 15	89.5 A
 at rotary coding switch on switch position 16 	93 A
• 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 switch position 2 	76.2 A
 for inside-delta circuit at rotary coding switch on switch position 3 	82.3 A
 for inside-delta circuit at rotary coding switch on switch position 4 	88.3 A
 for inside-delta circuit at rotary coding switch on switch position 5 	94.4 A
 for inside-delta circuit at rotary coding switch on switch position 6 	100 A
 for inside-delta circuit at rotary coding switch on switch position 7 	107 A
 for inside-delta circuit at rotary coding switch on switch position 8 	113 A
 for inside-delta circuit at rotary coding switch on switch position 9 	119 A
 for inside-delta circuit at rotary coding switch on switch position 10 	125 A
 for inside-delta circuit at rotary coding switch on switch position 11 	131 A
 for inside-delta circuit at rotary coding switch on switch position 12 	137 A
 for inside-delta circuit at rotary coding switch on switch position 13 	143 A
 for inside-delta circuit at rotary coding switch on switch position 14 	149 A
 for inside-delta circuit at rotary coding switch on switch position 15 	155 A
 for inside-delta circuit at rotary coding switch on switch position 16 	161 A
• 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

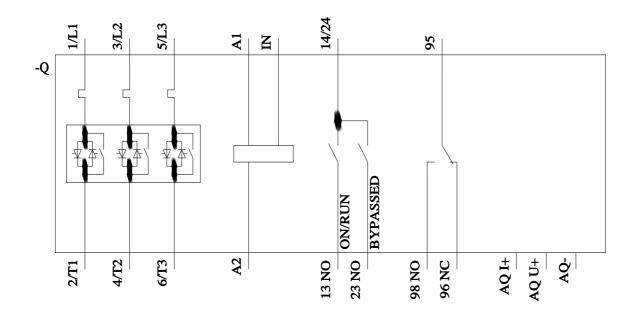
• at 60 °C after startup	35 W				
power loss [W] at AC at current limitation 350 %					
• at 40 °C during startup	1 270 W				
• at 50 °C during startup	1 077 W				
• at 60 °C during startup	959 W				
Control circuit/ Control					
type of voltage of the control supply voltage	AC				
control supply voltage at AC					
• at 50 Hz	110 250 V				
• at 60 Hz	110 250 V				
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				
inrush current by closing the bypass contacts 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					
Inputs/ Outputs number of digital inputs	1				
number of digital inputs	1				
number of digital inputs number of digital outputs	1 3				
number of digital inputs number of digital outputs • not parameterizable	1 3 2				
number of digital inputs number of digital outputs • not parameterizable digital output version	1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO)				
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs	1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO)				
number of digital inputs 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	1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1				
number of digital inputs 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	1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A				
number of digital inputs 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	1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A				
number of digital inputs 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	1 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				
number of digital inputs 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	1 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 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	1 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 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	1 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 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	1 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 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	1 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 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	1 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 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	1 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				
number of digital inputs 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 • downwards	1 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 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 obackwards outpwards odownwards odownwards odownwards	1 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 5 mm				
number of digital inputs 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 obackwards outpwards odwnwards oat the side weight without packaging	1 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 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 Connections/ Terminals	1 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 5 mm				
number of digital inputs 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 • at the side weight without packaging Connections/ Terminals type of electrical connection	1 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 6.9 kg				
number of digital inputs 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 Connections/ Terminals type of electrical connection • for main current circuit	1 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 6.9 kg				
number of digital inputs 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 • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit	1 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 6.9 kg box terminal spring-loaded terminals				
number of digital inputs 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 Connections/ Terminals type of electrical connection • for control circuit width of connection bar maximum	1 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 6.9 kg				
number of digital inputs 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 • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit	1 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 6.9 kg box terminal spring-loaded terminals				

using the front clamping point solid	1x (2.5 16 mm ²)					
 using the front clamping point finely stranded with core end processing 	1x (2.5 50 mm²)					
using the front clamping point stranded	1x (10 70 mm²)					
using the back clamping point solid	1x (2.5 16 mm ²)					
 r box terminal using the back clamping point 						
	$1x (10 \dots 2/0)$ $2x (25 \dots 16 \text{ mm}^2)$					
using both clamping points solid	2x (2.5 16 mm ²)					
 using both clamping points finely stranded with core end processing 	2x (2.5 35 mm ²)					
using both clamping points stranded	2x (6 16 mm ²), 2x (10 50 mm ²)					
 using the back clamping point finely stranded with core end processing 	1x (2.5 50 mm²)					
 using the back clamping point stranded 	1x (10 70 mm²)					
type of connectable conductor cross-sections						
 for control circuit solid 	2x (0.25 1.5 mm²)					
 for control circuit finely stranded with core end processing 	2x (0.25 1.5 mm²)					
 for AWG cables for control circuit solid 	2x (24 16)					
 for AWG cables for control circuit finely stranded with core end processing 	2x (24 16)					
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 	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 	7 10.3 lbf·in					
terminals						
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					
Modbus TCP	Yes					
PROFIBUS	Yes					
UL/CSA ratings						
manufacturer's article number						
 of circuit breaker usable for Standard Faults 						
— at 460/480 V according to UL	Siemens type: 3VA51, max. 125 A; Iq = 10 kA					
— 60/480 V according to UL	Siemens type: 3VA51, max. 125 A; lq max = 65 kA					
— at 460/480 V at inside-delta circuit according to UL	Siemens type: 3VA51, max. 125 A; lq = 10 kA					
- 60/480 V at inside-delta circuit according to UL	Siemens type: 3VA51, max. 125 A; lq max = 65 kA					
— at 575/600 V according to UL						
	Siemens type: 3VA51, max. 125 A; Iq = 10 kA					
— at 575/600 V at inside-delta circuit according to UL						
-	Siemens type: 3VA51, max. 125 A; lq = 10 kA					
- at 575/600 V at inside-delta circuit according to UL	Siemens type: 3VA51, max. 125 A; lq = 10 kA					

— usable for ⊢ UL	ligh Faults up to 575/600	V according to	Type: Class J / L, max. 250 A; Iq = 100 kA				
— usable for S to 575/600 V a	tandard Faults at inside- ccording to UL	delta circuit up	Type: Class RK5 / K5, max. 300 A; Iq = 10 kA				
— usable for ⊢ 575/600 V acc	ligh Faults at inside-delta ording to UL	a circuit up to	Type: (Type: Class J / L, max. 250 A; Iq = 100 kA			
operating power [hp] f	or 3-phase motors						
• at 200/208 V at 5	-		25 hp				
• at 220/230 V at 5	0 °C rated value		30 hp				
● at 460/480 V at 5	0 °C rated value		60 hp				
	nside-delta circuit at 50 °	C rated value	40 hp				
	nside-delta circuit at 50 °		50 hp				
	nside-delta circuit at 50 °		100 hp				
	iary contacts according		R300-E				
Electrical Safety		,	11000				
	the front according to	IEC 60529	IP00. II	P20 with cover			
-	e front according to IE				ontact from the front with cove	r	
Approvals Certificates		0 00323	inger-				
			-				
General Product Appr	oval						
				Confirmation		~	
(42)	UK	()		Committation	(m)	መ	
VC					<u>u</u>	W	
CSA	СН	EG-Konf.			ccc	UL	
General Product Approval	EMV			Test Certificates	Marine / Shipping		
	•	KC		Type Test Certif	ic and	(NU YE)	
гпг	le de la companya de la compa	<u>KC</u>		ates/Test Repo		ALL A	
r m i	<u>w</u>				1.32		
	RCM				ABS	BUREAU	
						VERITAS	
Marine / Shipping		other		Environment			
Lloyd's	(And a	Confirmation	<u>on</u>	(Environmental Con-	
Register				Siemens		firmations	
LRS	PPS			EcoTech	EPD		
0.5	Ph3				101-10 ⁰		
Further information							
Information on the pac https://support.industry	ckaging siemens.com/cs/ww/en/\	view/109813875					
	nloadcenter (Catalogs,						
https://www.siemens.co							
Industry Mall (Online of	ordering system) nens.com/mall/en/en/Ca	to log (or so du ot Oralfh-		7 24 044			
Cax online generator	nens.com/maii/en/en/Ca	talog/product?mifD=	-31519522	<u>21-3AU 14</u>			
	n.siemens.com/WW/CA	Xorder/default.aspx	x?lang=er	n&mlfb=3RW5227-	- <u>3AC14</u>		
	Service&Support (Manuals, Certificates, Characteristics, FAQs,)						
	https://support.industry.siemens.com/cs/ww/en/ps/3RW5227-3AC14						
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5227-3AC14⟨=en							
Characteristic: Tripping characteristics, I ² t, Let-through current							
https://support.industry.siemens.com/cs/ww/en/ps/3RW5227-3AC14/char							
Characteristic: Installa		v asny?view-Soore	ch&mlfb-	3P\N/5227 2AC149	&objecttype=14&gridview=viev	w1	
Simulation Tool for Sc		<u></u>		<u>51.1995221-3AU140</u>		<u>IV 1</u>	
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