SIEMENS

Data sheet

3RW5248-6AC14



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

product brand name	SIRIUS				
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 	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 	<u>3NE1437-2: Type of coordination 2. lq = 65 kA</u>				
 of back-up R fuse link for semiconductor protection usable up to 690 V 	<u>3NE3340-8; Type of coordination 2, Iq = 65 kA</u>				
General technical data					
starting voltage [%]	30 100 %				
stopping voltage [%]	50 %; non-adjustable				
start-up ramp time of soft starter	0 20 s				
start-up ramp time of soft starter current limiting value [%] adjustable	0 20 s 130 700 %				
current limiting value [%] adjustable					
current limiting value [%] adjustable certificate of suitability	130 700 %				
current limiting value [%] adjustable certificate of suitability • CE marking	130 700 % Yes				
current limiting value [%] adjustable certificate of suitability • CE marking • UL approval	130 700 % Yes Yes				
current limiting value [%] adjustable certificate of suitability • CE marking • UL approval • CSA approval	130 700 % Yes Yes				
current limiting value [%] adjustable certificate of suitability • CE marking • UL approval • CSA approval product component	130 700 % Yes Yes				
current limiting value [%] adjustable certificate of suitability • CE marking • UL approval • CSA approval product component • HMI-High Feature	130 700 % Yes Yes No				
current limiting value [%] adjustable certificate of suitability • CE marking • UL approval • CSA approval product component • HMI-High Feature • is supported HMI-Standard	130 700 % Yes Yes No Yes				



trin class	CLASS 10A (default) / 10E / 20E: acc. to IEC 60047 4 2
trip class buffering time in the event of power failure	CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2
for main current circuit	100 ms
for control circuit	100 ms
insulation voltage rated value	600 V
degree of pollution	3, acc. to IEC 60947-4-2
impulse voltage rated value	6 kV
blocking voltage of the thyristor maximum	1 600 V
service factor	1
surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation	
between main and auxiliary circuit	600 V
shock resistance	15 g / 11 ms, from 12 g / 11 ms with potential contact lifting
vibration resistance	15 mm to 6 Hz; 2g to 500 Hz
utilization category according to IEC 60947-4-2	AC 53a
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	02/15/2018
product function	
• ramp-up (soft starting)	Yes
 ramp-down (soft stop) 	Yes
Soft Torque	Yes
 adjustable current limitation 	Yes
• pump ramp down	Yes
intrinsic device protection	Yes
motor overload protection	Yes; 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	200 490 \/
rated value at inside delta airquit rated value	200 480 V
at inside-delta circuit rated value	200 480 V -15 %
relative negative tolerance of the operating voltage	-15 %
relative positive tolerance of the operating voltage at	-15 %
inside-delta circuit	
relative positive tolerance of the operating voltage at inside-delta circuit	10 %
operating power for 3-phase motors	
-	

	400 111/
• 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 inside-delta circuit at 40 °C rated value	560 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	040.4
at rotary coding switch on switch position 1	240 A
at rotary coding switch on switch position 2	262 A
at rotary coding switch on switch position 3	284 A
 at rotary coding switch on switch position 4 	306 A
at rotary coding switch on switch position 5	328 A
• at rotary coding switch on switch position 6	350 A
at rotary coding switch on switch position 7	372 A
at rotary coding switch on switch position 8	394 A
 at rotary coding switch on switch position 9 at rotary coding switch on switch position 10 	416 A
 at rotary coding switch on switch position 10 at rotary coding switch on switch position 11 	438 A
 at rotary coding switch on switch position 11 at rotary coding switch on switch position 12 	460 A
 at rotary coding switch on switch position 12 	482 A
 at rotary coding switch on switch position 13 at rotary coding switch on switch position 14 	504 A
 at rotary coding switch on switch position 14 at rotary coding switch on switch position 15 	526 A
• at rotary coding switch on switch position 15	548 A
 at rotary coding switch on switch position 16 minimum 	570 A 240 A
adjustable motor current	240 A
 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 	568 A
 for inside-delta circuit at rotary coding switch on switch position 6 	606 A
 for inside-delta circuit at rotary coding switch on switch position 7 	644 A
 for inside-delta circuit at rotary coding switch on switch position 8 	682 A
 for inside-delta circuit at rotary coding switch on switch position 9 	721 A
 for inside-delta circuit at rotary coding switch on switch position 10 for inside delta circuit at rotary coding switch on 	759 A
 for inside-delta circuit at rotary coding switch on switch position 11 for inside delta circuit at rotary coding switch on 	797 A
 for inside-delta circuit at rotary coding switch on switch position 12 for inside-delta circuit at rotary coding switch on 	835 A 873 A
 for inside-delta circuit at rotary coding switch on switch position 13 for inside-delta circuit at rotary coding switch on 	
 for inside-delta circuit at rotary coding switch on switch position 14 for inside-delta circuit at rotary coding switch on 	911 A 949 A
 for inside-delta circuit at rotary coding switch on switch position 15 for inside-delta circuit at rotary coding switch on 	949 A 987 A
 for inside-delta circuit at rotary coding switch on switch position 16 at inside-delta circuit minimum 	987 A 416 A
at inside-delta circuit minimum minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	
• at 40 °C after startup	183 W
• at 50 °C after startup	163 W
	100 11

• at 60 °C after startup	153 W
power loss [W] at AC at current limitation 350 %	
• at 40 °C during startup	10 241 W
• at 50 °C during startup	8 500 W
• at 60 °C during startup	7 663 W
Control circuit/ Control	7 005 W
	AC
type of voltage of the control supply voltage control supply voltage at AC	AC
• at 50 Hz	110 250 V
• at 60 Hz	110 250 V
relative negative tolerance of the control supply	-15 %
voltage at AC at 50 Hz	
relative positive tolerance of the control supply voltage at AC at 50 Hz	10 %
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 60 Hz	10 %
control supply voltage frequency	50 60 Hz
relative negative tolerance of the control supply voltage frequency	-10 %
relative positive tolerance of the control supply voltage frequency	10 %
control supply current in standby mode rated value	30 mA
holding current in bypass operation rated value	100 mA
locked-rotor current at close of bypass contact maximum	2.2 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
design of short-circuit protection for control circuit	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is
	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is
Inputs/ Outputs	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
Inputs/ Outputs number of digital inputs	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
Inputs/ Outputs number of digital inputs number of digital outputs	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO)
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs o at AC-15 at 250 V rated value	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs o at AC-15 at 250 V rated value o at DC-13 at 24 V rated value	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs output	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 1 3 A 1 A
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs o at AC-15 at 250 V rated value o at DC-13 at 24 V rated value	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs output	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs output	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs output	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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 393 mm
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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 393 mm 210 mm
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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 393 mm 210 mm
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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 393 mm 210 mm 203 mm 10 mm 0 mm
Inputs/ Outputs 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 • upwards	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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 393 mm 210 mm 203 mm
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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 393 mm 210 mm 203 mm 10 mm 0 mm
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 5 mm 10.6 kg
Inputs/ Outputs 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	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply 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 393 mm 210 mm 203 mm 10 mm 0 mm 100 mm 75 mm 5 mm

type of connectable conductor cross-sections 2x (60 240 mm²) i for DN cable lig of main contacts firely stranded 2x (70 240 mm²) type of connectable conductor cross-sections 5x (70 240 mm²) i for control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) i for control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 1.5 mm²) i for control circuit solid 1x (0.5 25 mm²), 2x (0.5 1.5 mm²) i for control circuit solid 1x (0.5 240 mm²) i for control circuit solid 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) i for control circuit solid 1x (0.5 240 mm²) i for control circuit solid 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) i for control circuit solid 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) i for main contacts with screw-type terminals 1x (0.5 1.2 Nm i for auxillary and control contacts with screw-type terminals 14 24 Nm i for auxillary and control contacts with screw-type terminals 5000 m; Derating as of 1000 m, see catalog installation altitude at height above sea level maximum 5000 m; Derating as of 1000 m, see catalog amblent temperature -40 +60 °C. Please observe derating at temperatures of 40 above - during storage acord masport -40 +80 °C </th <th>45 mm</th> <th>width of connection bar maximum</th>	45 mm	width of connection bar maximum		
 for DIN cable lug for main contacts finely stranded tor DIN cable lug for main contacts finely stranded tor DIN cable lug for main contacts finely stranded tor DIN cable lug for main contacts finely stranded tor DIN cable lug for main contacts finely stranded tor control circuit finely stranded with core end processing at AWG cables for control circuit solid at AWG cables for control circuit solid tx (20 12), 2x (20 14) wire length between soft starter and motor maximum at the digital inputs at AC maximum for an contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals during operation -25 +60 °C; Please observe derating at temperatures of 40 above during storage and transport -40 +80 °C environmental category during storage according to IEC 60721 during transport according to IEC 60721 during transport according to IEC 60721 the devices), 3046 the devices), 3046 the devices), 104 during transport according to IEC 60721 the devices), 104 during transport according to IEC 60721 the devices), 204 the devices), 204 the devices), 204 the devices), 204 <l< td=""><td></td><td></td></l<>				
• for DIN cable Lig for main contacts finely stranded 2x (70 240 mm?) Lype of connectable conductor cross-sections in (0, 5 2, 5 mm?), 2x (0, 5 2, 5 mm?) • for control circuit finely stranded with core end processing in (0, 5 2, 5 mm?), 2x (0, 5 1, 5 mm?) • of control circuit solid 1x (0, 5 2, 5 mm?), 2x (0, 5 1, 5 mm?) • of a control circuit solid 1x (20 12), 2x (20 14) • wite length ebowen soft starter and motor maximum • of main contacts with screw-type terminals 600 m • for main contacts with screw-type terminals 14 24 N m • for main contacts with screw-type terminals 124 210 lbfin • for main contacts with screw-type terminals 124 210 lbfin • for main contacts with screw-type terminals 5.000 m; Derating as of 1000 m, see catalog ambient conditions 5.000 m; Derating as of 1000 m, see catalog ambient temperature -40 +80 °C; Please observe derating at temperatures of 40 above • during operation according to IEC 60721 600 °C; Please observe derating at temperatures of 40 above • during storage according to IEC 60721 5000 m; Derating as of 1000 m, see catalog • during operation according to IEC 60721 500 °C; Pleas J (L, max, fall height 0.3 m		51		
type of connectable conductor cross-sections 1x (0.54.0 mm²), 2x (0.52.5 mm²) • for control circuit sold 1x (0.54.0 mm²), 2x (0.515 mm²) • of control circuit foildy standed with core end processing 1x (0.52.5 mm²), 2x (0.515 mm²) • of control circuit sold 1x (2012), 2x (2014) wire length 800 m • at the digital inputs at AC maximum 100 m • of ranking contacts with screw-type terminals 1424 N m • for auxilary and control contacts with screw-type terminals 1424 N m • for auxilary and control contacts with screw-type terminals 124210 lbfin • for auxilary and control contacts with screw-type terminals 124210 lbfin • for auxilary and control contacts with screw-type terminals 5.000 m; Derating as of 1000 m, see catalog ambient temperature 5.000 m; Derating as of 1000 m, see catalog • during operation according to IEC 60721 3K6 (no lee formation, only occasional condensation), 3C3 (nc msit), 3S2 (sand must not get into the devices), 3M6 • during storage according to IEC 60721 2K2, 2C1, 2S1, 2M2, 2M2, Rm, fall height 0.3 m) • during storage according to IEC 60721 2K6 (no) loce contacts A • during transport according to IEC 60721 2K4 (no) vaccing to IL <td></td> <td colspan="3">-</td>		-		
 for control circuit solid for control circuit solid it (0.52.5 mm?), 2x (0.52.5 mm?) 1x (0.52.5 mm?), 2x (0.515 mm?) 1x (0.52.5 mm?) <li< td=""><td></td><td></td></li<>				
• for control circuit finely stranded with core end processing 1x (0.52.5 mm²), 2x (0.51.5 mm²) • at AWG cables for control circuit solid 1x (2012), 2x (0.514) • for length 800 m • at the digital inputs at AC maximum 800 m • the tween soft starter and motor maximum 800 m • for main contacts with screw-type terminals 10. m • for auxiliary and control contacts with screw-type terminals 1424 N m • for auxiliary and control contacts with screw-type terminals 612 N m • for auxiliary and control contacts with screw-type terminals 6				
processing is AWG cables for control circuit solid 1x (20 12), 2x (20 14) wire length 60 m • between soft starter and motor maximum 800 m • of main contacts with screw-type terminals 14 24 N m • for main contacts with screw-type terminals 14 24 N m • for main contacts with screw-type terminals 124 210 Ibf in • for main contacts with screw-type terminals 500 m; Derating as of 1000 m, see catalog mining torque [IbF1n] • for main contacts with screw-type terminals • for main contacts with screw-type terminals 5000 m; Derating as of 1000 m, see catalog mining and control control contacts with screw-type 7 10.3 Ibf in reminals - for axiing y and control contacts with screw-type • during operation -25 +60 °C; Please observe derating at temperatures of 40 above • during storage and transport -40 +80 °C • during storage according to IEC 60721 3K6 (no ice formation, only occasional condensation), 3C3 (no miss), S22 (and must not get indo the devices), SM6 • during storage according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max, fail height 0.3 m) EMC emitted inderference acc. to IEC 60947.4-2; Class A Communication module is supported • PROFIBUS				
	Core end IX (0.5 2.5 mm ⁻), 2X (0.5 1.5 mm ⁻)	•		
wire length 900 m • between soft starter and motor maximum 800 m • at the digital inputs at AC maximum 100 m • fightening torque 100 m • for main contacts with screw-type terminals 14 24 N rm • for main contacts with screw-type terminals 124 210 lbf in • for main contacts with screw-type terminals 124 210 lbf in • for main contacts with screw-type terminals 124 210 lbf in • for main contacts with screw-type terminals 5.000 m; Derating as of 1000 m, see catalog mainter conditions 1 12 N m installation altifued at height above sea level maximum 5.000 m; Derating as of 1000 m, see catalog ambient temperature -00 +80 °C • during storage and transport -40 +80 °C • during storage according to IEC 60721 3K6 (no teo formation, only occasional condensation), 3C3 (nc miss), 3S2 (sem fmust not get into the devices), 3M6 • during transport according to IEC 60721 2K2, 2C1, 2S1, XUZ (max, fail height 0.3 m) EMC emitted interference acc. to IEC 60947.4-2: Class A Communication Protocol communication module is supported • PROFINET standard Yes • Modbus RTU Yes • Modbus RTU Yes • LinerNet/IP Yes • Disple for Signedard Faults up to 575/600 V	1x (20 12) 2x (20 14)			
between soft starter and motor maximum e at the digital inputs at AC maximum 100 m idiptening torque i for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals ifor auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type terminals i for auxiliary and control contacts with screw-type i during operation according to IEC 60721 i during storage according to IEC 60721 i during transport according to IEC 60721 i during transport according to IEC 60721 i during transport according to IEC 60721 i tk8 (only occasional condensation), 132 (no salt mist), 152 (a toring torage according to IEC 60721 i during transport according to IEC 60721				
• at the digital inputs at AC maximum 100 m fightening torque • for main contacts with screw-type terminals 14 24 N·m • for main contacts with screw-type terminals 124 210 Ibf in • for main contacts with screw-type terminals 124 210 Ibf in • for main contacts with screw-type terminals 124 210 Ibf in • for auxiliary and control contacts with screw-type terminals 5000 m; Derating as of 1000 m, see catalog ambient conditions 5000 m; Derating as of 1000 m, see catalog ambient temporature -40+60 °C; Please observe derating at temperatures of 40 above • during operation according to IEC 60721 3K6 (no lee formation, only occasional condensation), 3C3 (no mist), 352 (and must not get into the devices), 3M6 • during transport according to IEC 60721 3K6 (no lee formation, only occasional condensation), 1C2 (no salt mist), 152 (error salt mist), 1C2 (no salt mist), 152 (error salt mist), 1C2 (no salt mist), 152 (error salt mist), 1C2 (no salt mist), 1C2 (no salt mist), 1S2 (error salt mist), 1C2 (no salt	800 m	C C		
tightening torque for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals for nain contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals for main contacts with screw-type terminals for main contacts tording to tecord and tore transport fore				
 for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals for auxiliary and transport during storage according to IEC 60721 during transport according to IEC 60721 formunication module is supported PROFINET standard Yes Modbus RTU wable for Standard Faults to 150 for 00 V according to UL according to				
• for auxiliary and control contacts with screw-type terminals • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • during operation • during storage and transport • during storage according to IEC 60721 • during transport according to IEC 60721 • K6 (no loce formation, only occasional condensation), 3C3 (no missi), 3S2 (sand must not get inside the devices), 3M6 • during transport according to IEC 60721 • K6 (no loce formation, only occasional condensation), 3C3 (no get inside the devices), 1M4 • during transport according to IEC 60721 • K6 (no loce formation, only occasional condensation), 3C3 (no missi), 3S2 (sand must not get inside the devices), 3M6 • during transport according to IEC 60721 • K6 (no loce formation, only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4 • during transport according to IEC 60721 • K6 (no loce formation, and verses • EtherNet/IP • Cass J / L, max. 1600 A; Iq = 30 kA * cording to	ninale 14 24 N·m			
terminals tightening torque [lbfin] • for main contacts with screw-type terminals Ambient conditions Installation altitude at height above sea level maximum ambient conditions • during operation • during operation • during operation according to IEC 60721 • during storage and transport • during storage according to IEC 60721 • during transport according to IEC 60721 • Communication Protocol communication Protocol communication protocol communication Protocol communication rodule is supported • PROFINET standard • of the fuse • usable for Standard Faults up to 575/600 V according to UL - usable for High Faults at inside-delta circuit up to 576/600 V ac				
tightening torque [lbf:in] for main contacts with screw-type for auxiliary and control contacts with screw-type antion contacts antion contacts with screw-type antion contacts antion contacts antinstellates antisted there devices, antinge	sciew-type 0.6 1.2 N/III			
• 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 5 000 m; Derating as of 1000 m, see catalog ambient temperature • during operation • during operation -40 +60 °C; Please observe derating at temperatures of 40 above • during operation according to IEC 60721 3K6 (no ice formation, only occasional condensation), 3C3 (no mist), 3S2 (sand must not get into the devices), 3M6 • during transport according to IEC 60721 3K6 (no ice formation, only occasional condensation), 3C3 (no mist), 3S2 (sand must not get into the devices), 3M6 • during transport according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) acc. to IEC 60947.4-2; Class A Communication Module is supported • ROFINET standard Yes • ROFINET standard Yes • Modbus TCP Yes Yes • Off the fuse Type: Class J / L, max. 1600 A; lq = 30 kA • of the fuse Type: Class J / L, max. 1600 A; lq = 30 kA • according to UL - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1600 A; lq = 30 kA • at 200/208 V at 50 °C rated value 150 hp 120 hp				
• for auxiliary and control contacts with screw-type minals 7 10.3 lbf-in finatellation altitude at height above sea level maximum ambient temperature • during operation * during storage and transport * during storage according to IEC 60721 * during transport according to Verse * during transport according to Verse * during transport according to Verse * of the fuse * usable for Flandard * yes * Modbus RTU * 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 High Faults up to 575/600 V * according to UL * usable for High Faults up to 575/600 V * according to UL * usable for High Faults up to 575/600 V * according to UL * usable for High Faults up to 575/600 V * according to UL * usable for High Faults up to 575/600 V * according to UL * usable for High Faults up to 575/600 V * according to UL * usable for High Faults at inside-delta * driceut up to 575/600 V according to UL * usable for High Faults at inside-delta * of 200/208 V at 50 °C rated value * at 220/230 V at 50 °C rated value *	ninals 124 210 lbf·in			
Ambient conditions installation allitude at height above sea level maximum ambient conditions installation allitude at height above sea level maximum ambient temperature • during operation • during storage and transport • during storage and transport • during storage and transport • during operation according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 60721 • enterNet/IP • during transport according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 • enterNet/IP • during transport according to IEC 60721				
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ambient temperature -25 +60 °C; Please observe derating at temperatures of 40 above • during storage and transport -40 +80 °C environmental category -40 +80 °C • during operation according to IEC 60721 3K6 (no ice formation, only occasional condensation), 3C3 (no 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 (sind must not get inside the devices), 1M4 • during transport according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) acc. to IEC 60947-4-2: Class A Communication Module is supported - • PROFINET standard Yes • Modbus RTU Yes • Modbus TCP Yes • PROFIBUS Yes UL/CSA ratings - manufacturer's article number - • of the fuse -	1 maximum 5 000 m; Derating as of 1000 m, see catalog			
• during operation -25 +60 °C; Please observe derating at temperatures of 40 above • during storage and transport -40 +80 °C environmental category -40 +80 °C • during operation according to IEC 60721 3K6 (no ice formation, only occasional condensation), 3C3 (no mitt), 3S2 (sand must not get into the devices), 3M6 • during transport according to IEC 60721 1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (so not get inside the devices), 1M4 • during transport according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max, fail height 0.3 m) EMC emitted interference acc. to IEC 60947-4-2: Class A communication module is supported Yes • PROFIBUS Yes • Modbus RTU Yes • Modbus RTU Yes • DrOFIBUS Yes manufacturer's article number of the fuse - usable for Standard Faults up to 575/600 V according to UL Type: Class J / L, max. 1800 A; Iq = 30 KA circuit up to 575/600 V according to UL Type: Class J / L, max. 1800 A; Iq = 30 KA circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; Iq = 100 kA circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; Iq = 100 kA off High Faults at inside-delta circuit up to 575/600 V according to UL <td></td> <td></td>				
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environmental category during operation according to IEC 60721 during storage according to IEC 60721 during transport according to IEC 60721 during transport according to IEC 60721 during transport according to IEC 60721 EMC emitted interference acc. to IEC 60947-4-2: Class A Communication Module is supported PROFINET standard Yes Modbus RTU Yes Modbus RTU Yes Modbus RTU Yes		··· J ·r· ··· ·		
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mist), 3S2 (sand must not get into the devices), 3M6 • during storage according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) acc. to IEC 60947-4-2; Class A Communication module is supported • PROFINET standard • EtherNet/IP • Modbus RTU • Modbus RTU • PROFIBUS Yes • Modbus RTU • PROFIBUS Yes • Modbus RTU • PROFIBUS Yes • Difference • 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 High Faults up to 575/600 V according to UL - usable for High Faults at inside-delta circuit up to 575/600 V according to UL - usable for High Faults at inside-delta circuit up to 575/600 V according to UL - usable for Yigh Faults at inside-delta circuit up to 575/600 V according to UL - usable for Yigh Faults at ins		environmental category		
 during storage according to IEC 60721 during transport according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, ZC1, 2S1, 2M2 (max. fall height 0.3 m) ZK2, ZC1, 2S1, ZM2 (max. fall height 0.3 m) ZK2, ZC1, 2S1, ZM2 (max. fall height 0.3 m) ZK2, ZC1, 2S1, ZM2 (max. fall height 0.3 m) ZK2, ZM2, ZM2 (max. fall height 0.3 m) ZK2, ZM2, ZM2 (max. fall height 0.3 m) ZK2, ZM2, ZM2 (max. fall height 0.3 m) ZK2, ZM2 (max. fall height 0.4 max. fall height 0.4 max.	3K6 (no ice formation, only occasional condensation), 3C3 (no salt	 during operation according to IEC 60721 		
• during transport according 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 Yes • Modbus TCP Yes • PROFIBUS Yes ULCSA ratings Yes manufacturer's article number of the fuse - usable for Standard Faults up to 575/600 V according to UL Type: Class J / L, max. 1600 A; Iq = 30 kA - usable for Standard Faults up to 575/600 V according to UL Type: Class J / L, max. 1600 A; Iq = 30 kA - usable for High Faults up to 575/600 V according to UL Type: Class J / L, max. 1600 A; Iq = 30 kA - usable for High Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; Iq = 100 kA - usable for High Faults at inside-delta Type: Class J / L, max. 1200 A; Iq = 30 kA circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; Iq = 30 kA circuit up to 570/00 V according to UL Type: Class J / L, max. 1200 A; Iq = 100 kA operating power [hp] for 3-phase motors 150 hp • at 220/208 V at 50 °C rated value 150 hp • at 220/208 V at 50 °C rat	mist), 3S2 (sand must not get into the devices), 3M6			
• during transport according 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 Yes • PROFINET standard Yes • Modbus RTU Yes • Modbus TCP Yes • PROFIBUS Yes UL/CSA ratings Yes manufacturer's article number of the fuse - usable for Standard Faults up to 575/600 V Type: Class J / L, max. 1600 A; lq = 30 kA circuit up to 575/600 V according to UL Type: Class J / L, max. 1600 A; lq = 30 kA - usable for High Faults up to 575/600 V Type: Class J / L, max. 1600 A; lq = 30 kA - usable for Standard Faults of to 575/600 V Type: Class J / L, max. 1600 A; lq = 30 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1600 A; lq = 100 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; lq = 100 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; lq = 100 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J		 during storage according to IEC 60721 		
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 Yes manufacturer's article number of the fuse - usable for Standard Faults up to 575/600 V according to UL - usable for Standard 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 Standard Faults at inside-delta circuit up to 575/600 V according to UL - usable for High Faults at inside-delta circuit up to 575/600 V according to UL - usable for High Faults at inside-delta circuit up to 575/600 V according to UL - usable for 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 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 Standard Faults at inside-delta circuit up to 50°C rated value at 220/208 V at 50°C rated value at 460/480 V at 50°C rated value at 220/208 V at inside-delta				
Communication Protocol communication module is supported PROFINET standard • PROFINET standard Yes • Modbus RTU Yes • Modbus RTU Yes • Modbus RTU Yes • Modbus RTU Yes • Modbus RTOP Yes • PROFIBUS Yes DUL/CSA ratings Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1600 A; Iq = 30 kA • according to UL — usable for Standard Faults up to 575/600 V according to UL Type: Class J / L, max. 1600 A; Iq = 100 kA — 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 Type: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1600 A; Iq = 30 kA Operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value 150 hp • at 220/230 V at 50 °C rated value 200 hp • at 4200/208 V at inside-delta circuit at 50 °C rated value				
communication module is supported Yes • PROFINET standard Yes • EtherNet/IP Yes • Modbus RTU Yes • Modbus TCP Yes • PROFIBUS Yes UL/CSA ratings Yes manufacturer's article number • of the fuse - usable for Standard Faults up to 575/600 V Type: Class J / L, max. 1600 A; Iq = 30 kA according to UL - usable for High Faults up to 575/600 V Type: Class J / L, max. 1200 A; Iq = 100 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; Iq = 30 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; Iq = 30 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; Iq = 100 kA - usable for High Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; Iq = 100 kA - usable for High For 3-phase motors 150 hp 150 hp 150 hp 200 hp 300 hp 350 hp 350 hp 350 hp 350 hp 350 hp	acc. to IEC 60947-4-2: Class A			
 PROFINET standard PROFINET standard EtherNet/IP Yes Modbus RTU Yes Modbus TCP PROFIBUS Yes UL/CSA ratings Type: Class J / L, max. 1600 A; lq = 30 kA Type: Class J / L, max. 1600 A; lq = 100 kA Type: Class J / L, max. 1600 A; lq = 30 kA Type: Class J / L, max. 1200 A; lq = 100 kA Type: Class J / L, max. 1200 A; lq = 100 kA Type: Class J / L, max. 1200 A; lq = 100 kA Type: Class J / L, max. 1200 A; lq = 100 kA Type: Class J / L, max. 1200 A; lq = 100 kA Type: Class J / L, max. 1200 A; lq = 100 kA Type: Class J / L, max. 1200 A; lq = 100 kA Type: Class J / L, max. 1200 A; lq = 100 kA Type: Class J / L, max. 1200 A; lq = 100 kA Type: Class J / L, max. 1200 A; lq = 100 kA Type: Class J / L, max. 1200 A; lq = 100 kA Type: Class J / L, max. 1200 A; lq = 100 kA Type: Class J / L, max. 1200 A; lq = 100 kA Type: Class J / L,		Communication/ Protocol		
EtherNet/IPYesModbus RTUYesModbus TCPYesPROFIBUSYesUL/CSA ratingsTransfacturer's article number• of the fuse		communication module is supported		
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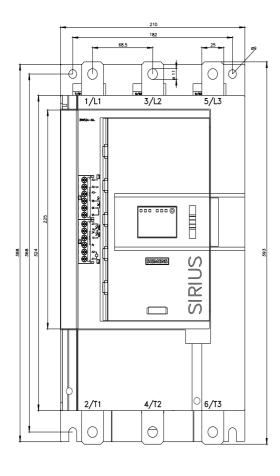
protection class IP on the front according to IEC 60529		IP00;	IP00; IP20 with cover			
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Certificates/ approvals						
General Product Approval						EMC
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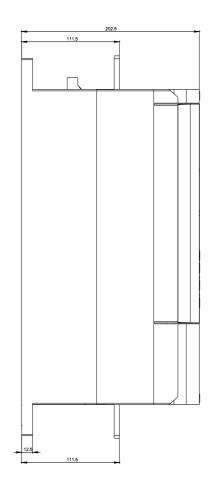
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Simulation Tool for Soft Starters (STS)

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





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