SIEMENS

Data sheet 3RW5236-2TC14



SIRIUS soft starter 200-480 V 171 A, 110-250 V AC spring-type terminals Thermistor input

product brand name product category product designation product type designation manufacturer's article number

- of standard HMI module usable
- of high feature HMI module usable
- of communication module PROFINET standard usable
- of communication module PROFIBUS usable
- of communication module Modbus TCP usable
- of communication module Modbus RTU usable
- of communication module Ethernet/IP
- of circuit breaker usable at 400 V
- of circuit breaker usable at 500 V
- of circuit breaker usable at 400 V at inside-delta circuit
- of circuit breaker usable at 500 V at inside-delta circuit
- of the gG fuse usable up to 690 V
- of the gG fuse usable at inside-delta circuit up to 500 V
- of full range R fuse link for semiconductor protection usable up to 690 V
- of back-up R fuse link for semiconductor protection usable up to 690 V

SIRIUS

Hybrid switching devices

Soft starter

3RW52

3RW5980-0HS00

3RW5980-0HF00

3RW5980-0CS00

3RW5980-0CP00

3RW5980-0CT00

3RW5980-0CR00

3RW5980-0CE00

3VA2325-7MN32-0AA0; Type of coordination 1, Iq = 30 kA, CLASS 10

3VA2325-7MN32-0AA0; Type of coordination 1, Iq = 10 kA, CLASS 10

3VA2440-7MN32-0AA0; Type of coordination 1, Iq = 30 kA, CLASS 10

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

3NA3365-6; Type of coordination 1, Iq = 65 kA

3NA3365-6; Type of coordination 1, Iq = 65 kA

3NE1230-0; Type of coordination 2, Iq = 65 kA

3NE3335; Type of coordination 2, Iq = 65 kA

General technical data

starting voltage [%] stopping voltage [%] start-up ramp time of soft starter current limiting value [%] adjustable certificate of suitability

- CE marking
- UL approval
- CSA approval

product component

- HMI-High Feature
- is supported HMI-Standard
- is supported HMI-High Feature

product feature integrated bypass contact system number of controlled phases

trip class

buffering time in the event of power failure

30 ... 100 %

50 %; non-adjustable

0 ... 20 s

130 ... 700 %

Yes

Yes

Yes

No

Yes

Yes

Yes

3

CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2

 for main current circuit 	100 ms
 for control circuit 	100 ms
insulation voltage rated value	600 V
degree of pollution	3, acc. to IEC 60947-4-2
impulse voltage rated value	6 kV
blocking voltage of the thyristor maximum	1 400 V
service factor	1
surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation	
 between main and auxiliary circuit 	600 V
shock resistance	15 g / 11 ms, from 12 g / 11 ms with potential contact lifting
vibration resistance	15 mm to 6 Hz; 2g to 500 Hz
utilization category according to IEC 60947-4-2	AC 53a
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	02/15/2018
product function	
ramp-up (soft starting)	Yes
ramp-down (soft stop)	Yes
Soft Torque	Yes
 adjustable current limitation 	Yes
pump ramp down	Yes
 intrinsic device protection 	Yes
motor overload protection	Yes; Full motor protection (thermistor motor protection and electronic motor overload protection)
 evaluation of thermistor motor protection 	Yes; Type A PTC or Klixon / Thermoclick
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
via software configurablePROFlenergy	Yes Yes; in connection with the PROFINET Standard communication module
via software configurablePROFlenergyfirmware update	Yes Yes; in connection with the PROFINET Standard communication
 via software configurable PROFlenergy firmware update removable terminal for control circuit 	Yes Yes; in connection with the PROFINET Standard communication module Yes Yes
 via software configurable PROFlenergy firmware update removable terminal for control circuit torque control 	Yes Yes; in connection with the PROFINET Standard communication module Yes Yes No
 via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output 	Yes Yes; in connection with the PROFINET Standard communication module Yes Yes
 via software configurable PROFlenergy firmware update removable terminal for control circuit torque control 	Yes Yes; in connection with the PROFINET Standard communication module Yes Yes No
 via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current 	Yes Yes; in connection with the PROFINET Standard communication module Yes Yes No No
 via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value 	Yes Yes; in connection with the PROFINET Standard communication module Yes Yes No No
 via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value 	Yes Yes; in connection with the PROFINET Standard communication module Yes Yes No No No
 via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value 	Yes Yes; in connection with the PROFINET Standard communication module Yes Yes No No
 via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit 	Yes; in connection with the PROFINET Standard communication module Yes Yes No No 171 A 153 A 141 A
 via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value 	Yes; in connection with the PROFINET Standard communication module Yes Yes No No 171 A 153 A 141 A
 via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value 	Yes Yes; in connection with the PROFINET Standard communication module Yes Yes No No 171 A 153 A 141 A 296 A 265 A
via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 60 °C rated value	Yes; in connection with the PROFINET Standard communication module Yes Yes No No 171 A 153 A 141 A
via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value operating voltage	Yes; in connection with the PROFINET Standard communication module Yes Yes No No 171 A 153 A 141 A 296 A 265 A 244 A
via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value operational current at inside-delta circuit at 40 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 50 °C rated value at 50 °C rated value at 60 °C rated value	Yes; in connection with the PROFINET Standard communication module Yes Yes No No 171 A 153 A 141 A 296 A 265 A 244 A
via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 50 °C rated value at 60 °C rated value at inside-delta circuit rated value at inside-delta circuit rated value	Yes; in connection with the PROFINET Standard communication module Yes Yes No No No 171 A 153 A 141 A 296 A 265 A 244 A 200 480 V 200 480 V
via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value operational current at inside-delta circuit at 40 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value at 60 °C rated value operating voltage rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage	Yes; in connection with the PROFINET Standard communication module Yes Yes No No No 171 A 153 A 141 A 296 A 265 A 244 A 200 480 V 200 480 V -15 %
via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value at 60 °C rated value operating voltage rated value operating voltage relative negative tolerance of the operating voltage	Yes; in connection with the PROFINET Standard communication module Yes Yes No No 171 A 153 A 141 A 296 A 265 A 244 A 200 480 V 200 480 V -15 % 10 %
via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value operating voltage rated value operating voltage relative negative tolerance of the operating voltage at inside-delta circuit	Yes Yes; in connection with the PROFINET Standard communication module Yes Yes No No No 171 A 153 A 141 A 296 A 265 A 244 A 200 480 V 200 480 V -15 % 10 % -15 %
via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit	Yes; in connection with the PROFINET Standard communication module Yes Yes No No 171 A 153 A 141 A 296 A 265 A 244 A 200 480 V 200 480 V -15 % 10 %
via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit operating power for 3-phase motors	Yes; in connection with the PROFINET Standard communication module Yes Yes No No No 171 A 153 A 141 A 296 A 265 A 244 A 200 480 V 200 480 V -15 % 10 % -15 %
via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value operational current at inside-delta circuit at 40 °C rated value operating voltage at 60 °C rated value at 60 °C rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit operating power for 3-phase motors at 230 V at 40 °C rated value	Yes; in connection with the PROFINET Standard communication module Yes Yes No No No 171 A 153 A 141 A 296 A 265 A 244 A 200 480 V 200 480 V -15 % 10 % -15 % 10 %
via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value at 60 °C rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage relative positive tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit operating power for 3-phase motors at 230 V at 40 °C rated value at 230 V at inside-delta circuit at 40 °C rated value	Yes; in connection with the PROFINET Standard communication module Yes Yes No No No 171 A 153 A 141 A 296 A 265 A 244 A 200 480 V 200 480 V -15 % 10 % -15 % 10 % 45 kW 90 kW
via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value at 60 °C rated value at inside-delta circuit rated value rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit operating power for 3-phase motors at 230 V at 40 °C rated value at 230 V at inside-delta circuit at 40 °C rated value at 400 V at 40 °C rated value	Yes; in connection with the PROFINET Standard communication module Yes Yes No No No 171 A 153 A 141 A 296 A 265 A 244 A 200 480 V 200 480 V -15 % 10 % -15 % 10 % 45 kW 90 kW 90 kW
via software configurable PROFlenergy firmware update removable terminal for control circuit torque control analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value operational current at inside-delta circuit at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value at 60 °C rated value at inside-delta circuit rated value relative negative tolerance of the operating voltage at inside-delta circuit relative positive tolerance of the operating voltage at inside-delta circuit operating power for 3-phase motors at 230 V at 40 °C rated value at 230 V at inside-delta circuit at 40 °C rated value at 230 V at inside-delta circuit at 40 °C rated value	Yes; in connection with the PROFINET Standard communication module Yes Yes No No No 171 A 153 A 141 A 296 A 265 A 244 A 200 480 V 200 480 V -15 % 10 % -15 % 10 % 45 kW 90 kW

type of voltage of the control supply voltage AC	Operating frequency 2 rated value	60 Hz
adjustable motor current at retralary coding switch on switch position 1 at retralary coding switch on switch position 2 at retralary coding switch on switch position 3 at retralary coding switch on switch position 3 at retralary coding switch on switch position 6 at retralary coding switch on switch position 6 at retralary coding switch on switch position 7 at retralary coding switch on switch position 7 at retralary coding switch on switch position 8 at retralary coding switch on switch position 9 at retralary coding switch on switch position 10 at retralary coding switch on switch position 11 at retralary coding switch on switch position 13 at retralary coding switch on switch position 13 at retralary coding switch on switch position 15 at retralary coding switch on switch position 16 at retralary coding switch on switch position 10 at retralary coding switch on switch position 11 at retralary coding switch on switch position 12 at retralary coding switch on	relative negative tolerance of the operating frequency	-10 %
at rotary coding switch on switch position 2 at rotary coding switch on switch position 3 at rotary coding switch on switch position 4 at rotary coding switch on switch position 6 at rotary coding switch on switch position 6 at rotary coding switch on switch position 6 at rotary coding switch on switch position 7 at rotary coding switch on switch position 7 at rotary coding switch on switch position 7 at rotary coding switch on switch position 9 at rotary coding switch on switch position 11 at rotary coding switch on switch position 11 at rotary coding switch on switch position 11 at rotary coding switch on switch position 13 at rotary coding switch on switch position 15 at rotary coding switch on switch position 16 at rotary coding switch on switch position 17 at rotary coding switch on switch position 10 at rotary coding switch 10 at rotary coding coding switch 10 at rotary coding coding switch 10 at rotary coding coding switch 10	relative positive tolerance of the operating frequency	10 %
a trotary coding switch on switch position 3 a trotary coding switch on switch position 5 a trotary coding switch on switch position 7 at rotary coding switch on switch position 10 at rotary coding switch on switch position 11 at rotary coding switch on switch position 11 at rotary coding switch on switch position 12 at rotary coding switch on switch position 13 at rotary coding switch on switch position 13 at rotary coding switch on switch position 14 at rotary coding switch on switch position 15 at rotary coding switch on switch position 16 at rotary coding switch on switch position 17 for inside-delta circuit at rotary coding switch on switch position 2 for inside-delta circuit at rotary coding switch on switch position 1 for inside-delta circuit at rotary coding switch on switch position 1 for inside-delta circuit at rotary coding switch on switch position 1 for inside-delta circuit at rotary coding switch on switch position 1 for inside-delta circuit at rotary coding switch on switch position 1 for inside-delta circuit at rotary coding switch on switch position 1 for inside-delta circuit at rotary coding switch on switch position 1 for inside-delta circuit at rotary coding switch on switch position 1 for inside-delta circuit at rotary coding switch on switch position 1 for inside-delta circuit at rotary coding switch on switch position 1 for inside-delta circuit at rotary coding switch on switch position 1 for inside-delta circuit at rotary coding switch on switch position 1 for inside-delta circuit at rotary co	adjustable motor current	
at rotary coding switch on switch position 4 at rotary coding switch on switch position 5 at rotary coding switch on switch position 6 at rotary coding switch on switch position 6 at rotary coding switch on switch position 7 at rotary coding switch on switch position 8 at rotary coding switch on switch position 9 at rotary coding switch on switch position 10 at rotary coding switch on switch position 11 at rotary coding switch on switch position 12 at rotary coding switch on switch position 13 at rotary coding switch on switch position 13 at rotary coding switch on switch position 13 at rotary coding switch on switch position 15 at rotary coding switch on switch position 15 at rotary coding switch on switch position 15 at rotary coding switch on switch position 16 at rotary coding switch on switch position 17 at rotary coding switch on switch position 10 at rotary coding switch on switch position 11 at rotary coding switch on switch position 12 at rotary coding switch 10	 at rotary coding switch on switch position 1 	81 A
at rotary coding switch on switch position 5 at rotary coding switch an switch position 7 at rotary coding switch on switch position 7 at rotary coding switch on switch position 7 at rotary coding switch on switch position 9 at rotary coding switch on switch position 10 at rotary coding switch on switch position 10 at rotary coding switch on switch position 12 at rotary coding switch on switch position 12 at rotary coding switch on switch position 12 at rotary coding switch on switch position 14 at rotary coding switch on switch position 14 at rotary coding switch on switch position 14 at rotary coding switch on switch position 15 at rotary coding switch on switch position 16 at rotary coding switch on switch position 17 at rotary coding switch on switch position 12 at rotary coding switch on switch position 14 at rotary coding switch 14 at rotary coding switc		
a trolary coding switch on switch position 5 at rolary coding switch on switch position 6 at rolary coding switch on switch position 7 at rolary coding switch on switch position 9 at rolary coding switch on switch position 9 at rolary coding switch on switch position 9 at rolary coding switch on switch position 19 at rolary coding switch on switch position 11 at rolary coding switch on switch position 11 at rolary coding switch on switch position 12 at rolary coding switch on switch position 12 at rolary coding switch on switch position 13 at rolary coding switch on switch position 14 at rolary coding switch on switch position 15 at rolary coding switch on switch position 16 at rolary coding switch on switch position 17 at rolary coding switch on switch position 17 at rolary coding switch on switch position 18 at rolary coding switch on switch position 19 at rolary coding switch on switch position 10 at rolary coding switch on switch position 10 at rolary coding switch on switch position 10 at rolary coding switch on switch position 11 at rolary coding switch 11 at rolary codi		
at rolary coding switch on switch position 6 at rolary coding switch on switch position 7 at rolary coding switch on switch position 8 at rolary coding switch on switch position 10 at rolary coding switch on switch position 11 at rolary coding switch on switch position 11 at rolary coding switch on switch position 12 at rolary coding switch on switch position 14 at rolary coding switch on switch position 16 at rolary coding switch on switch position 16 at rolary coding switch on switch position 1 for inside-deltal circuit at rolary coding switch on switch position 3 for inside-deltal circuit at rolary coding switch on switch position 6 for inside-deltal circuit at rolary coding switch on switch position 1 for inside-deltal circuit at rolary coding switch on switch position 1 for inside-deltal circuit at rolary coding switch on switch position 1 for inside-deltal circuit at rolary coding switch on switch position 1 for inside-deltal circuit at rolary coding switch on switch position 1 for inside-deltal circuit at rolary coding switch on switch position 1 for inside-deltal circuit at rolary coding switch on switch position 1 for inside-deltal circuit at rolary coding switch on switch position 1 for inside-deltal circuit at rolary coding switch on switch position 1 for inside-deltal circuit at rolary coding switch on switch position 1 for inside-deltal circuit at rolary coding switch on switch position 1 for inside-deltal circuit at rolary coding switch on switch position 1 for inside-deltal circuit at rolary coding switch on switch position 12 for inside-deltal circuit at rolary coding switch on switch position 12 for inside-deltal circuit at rolary coding switch on switch position 12 for inside-deltal circuit at rolary coding switch on switc		
a trotary coding switch on switch position 8 at rotary coding switch on switch position 10 at rotary coding switch on switch position 11 at rotary coding switch on switch position 11 at rotary coding switch on switch position 11 at rotary coding switch on switch position 12 at rotary coding switch on switch position 13 at rotary coding switch on switch position 13 at rotary coding switch on switch position 14 at rotary coding switch on switch position 15 at rotary coding switch on switch position 16 at rotary coding switch on switch position 17 at rotary coding switch 17 at rotary c		
at rotary coding switch on switch position 9 at rotary coding switch on switch position 10 at rotary coding switch on switch position 10 at rotary coding switch on switch position 12 at rotary coding switch on switch position 12 at rotary coding switch on switch position 13 at rotary coding switch on switch position 14 at rotary coding switch on switch position 16 a rotary coding switch on switch position 16 a rotary coding switch on switch position 16 b rotinision b rotinision coding switch on switch position 16 corresponding to the switch position 18 corresponding to the switch position 19 corresponding to the switch		
at rotary coding switch on switch position 10 at rotary coding switch on switch position 11 at rotary coding switch on switch position 11 at rotary coding switch on switch position 13 at rotary coding switch on switch position 13 at rotary coding switch on switch position 13 at rotary coding switch on switch position 15 at rotary coding switch on switch position 15 at rotary coding switch on switch position 15 at rotary coding switch on switch position 16 at rotary coding switch on switch position 17 at rotary coding switch on 17 at rotary coding switch on 18 at rotary c		
a trotary coding switch on switch position 10 at rotary coding switch on switch position 12 at rotary coding switch on switch position 12 at rotary coding switch on switch position 14 at rotary coding switch on switch position 14 at rotary coding switch on switch position 14 at rotary coding switch on switch position 15 at rotary coding switch on switch position 16 at rotary coding switch on switch position 17 at rotary coding switch on switch position 16 at rotary coding switch on switch position 17 at rotary coding switch on switch position 19 at rotary coding swit	,	
a trotary coding switch on switch position 12 at rotary coding switch on switch position 13 but rotary coding switch on switch position 13 at rotary coding switch on switch position 15 at rotary coding switch on switch position 15 at rotary coding switch on switch position 15 at rotary coding switch on switch position 16 at rotary coding switch on switch position 1 but rotary position 3 contain position 1 contain position 1 contributed a posit		
a trotary coding switch on switch position 12 a trotary coding switch on switch position 13 a trotary coding switch on switch position 14 a trotary coding switch on switch position 16 a trotary coding switch on switch position 16 b riminimum algustable motor current • for inside-delta circuit at rotary coding switch on switch position 1 • for inside-delta circuit at rotary coding switch on switch position 2 • for inside-delta circuit at rotary coding switch on switch position 3 • for inside-delta circuit at rotary coding switch on switch position 4 • for inside-delta circuit at rotary coding switch on switch position 4 • for inside-delta circuit at rotary coding switch on switch position 5 • for inside-delta circuit at rotary coding switch on switch position 6 • for inside-delta circuit at rotary coding switch on switch position 6 • for inside-delta circuit at rotary coding switch on switch position 1 • for inside-delta circuit at rotary coding switch on switch position 1 • for inside-delta circuit at rotary coding switch on switch position 1 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary		
a trotary coding switch on switch position 13 at rotary coding switch on switch position 15 at rotary coding switch on switch position 16 at rotary coding switch on switch position 16 at rotary coding switch on switch position 1 adjustable motor current bring switch position 1 at or inside-delta circuit 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 5 at rotary coding switch on switch position 6 at rotary coding switch on switch position 6 at rotary coding switch on switch position 7 at rotary coding switch on switch position 8 at rotary coding switch on switch position 7 at rotary coding switch on switch position 8 at rotary coding switch on switch position 8 at rotary coding switch on switch position 8 at rotary coding switch on switch position 9 at rotary coding switch on switch position 10 at rotary coding switch 10 at rotary coding		
at rotary coding switch on switch position 14 at rotary coding switch on switch position 15 be at rotary coding switch on switch position 16 contains a display a switch on switch position 16 contains a switch position 1 contains a switch position 1 contains a switch position 1 contains a switch position 3 contains a switch position 3 contains a switch position 4 contains a switch position 5 contains a switch position 6 contains a switch position 6 contains a switch position 10 contains a switch po		
a trotary coding switch on switch position 16 at rotary coding switch on switch position 16 binimium adjustable motor current of inside-delta circuit at rotary coding switch on switch position 2 of inside-delta circuit at rotary coding switch on switch position 3 of inside-delta circuit at rotary coding switch on switch position 3 of inside-delta circuit at rotary coding switch on switch position 3 of inside-delta circuit at rotary coding switch on switch position 6 of inside-delta circuit at rotary coding switch on switch position 6 of inside-delta circuit at rotary coding switch on switch position 6 of inside-delta circuit at rotary coding switch on switch position 6 of inside-delta circuit at rotary coding switch on switch position 7 of inside-delta circuit at rotary coding switch on switch position 7 of inside-delta circuit at rotary coding switch on switch position 10 of inside-delta circuit at rotary coding switch on switch position 10 of inside-delta circuit at rotary coding switch on switch position 10 of inside-delta circuit at rotary coding switch on switch position 10 of inside-delta circuit at rotary coding switch on switch position 10 of inside-delta circuit at rotary coding switch on switch position 10 of inside-delta circuit at rotary coding switch on switch position 10 of inside-delta circuit at rotary coding switch on switch position 10 of inside-delta circuit at rotary coding switch on switch position 13 of inside-delta circuit at rotary coding switch on switch position 15 of inside-delta circuit at rotary coding switch on switch position 15 of inside-delta circuit at rotary coding switch on switch position 15 of inside-delta circuit at rotary coding switch on switch position 15 of inside-delta circuit at rotary coding switch on switch position 15 of code-delta circuit at rotary coding switch on switch position 15 of code-delta circuit at rotary coding switch on switch position 15 of code-delta circuit at rotary coding switch on switch position 15 of code-delta circuit at rotary coding switch		
a trolary coding switch on switch position 16 minimum algiustable motor current • for inside-delta circuit at rotary coding switch on switch position 2 • for inside-delta circuit at rotary coding switch on switch position 3 • for inside-delta circuit at rotary coding switch on switch position 3 • for inside-delta circuit at rotary coding switch on switch position 4 • for inside-delta circuit at rotary coding switch on switch position 6 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 11 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • f	· · · · · · · · · · · · · · · · · · ·	
minimum dijustable motor current		
adjustable motor current • for inside-delta circuit at rotary coding switch on switch position 2 • for inside-delta circuit at rotary coding switch on switch position 3 • for inside-delta circuit at rotary coding switch on switch position 4 • for inside-delta circuit at rotary coding switch on switch position 5 • for inside-delta circuit at rotary coding switch on switch position 6 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • for inside-delta circuit at rotary coding switch on switch position 16 • for inside-delta circuit at rotary coding switch on switch position 16 • for inside-delta circuit at rotary coding switch on switch position 19 • for inside-delta circuit at rotary coding switch on switch position 19 • for inside-delta circuit at rotary coding switch on switch position 19 • for inside-delta circuit at rotary coding switch on switch position 19 • for inside-delta circuit at rotary coding switch on switch position 19 • for inside-delta circuit at ro		
• for inside-delta circuit at rotary coding switch on switch position 1 • for inside-delta circuit at rotary coding switch on switch position 3 • for inside-delta circuit at rotary coding switch on switch position 3 • for inside-delta circuit at rotary coding switch on switch position 4 • for inside-delta circuit at rotary coding switch on switch position 5 • for inside-delta circuit at rotary coding switch on switch position 6 • for inside-delta circuit at rotary coding switch on switch position 6 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 11 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit minimum minimum load [%] • for inside-delta circuit minimum minimum load [%] • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit minimum minimum load [%] • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at an order delta circuit at rotary coding switch on switch position 19 • for inside-delta circuit at rotary cod		
• for inside-delta circuit at rotary coding switch on switch position 2 • for inside-delta circuit at rotary coding switch on switch position 4 • for inside-delta circuit at rotary coding switch on switch position 5 • for inside-delta circuit at rotary coding switch on switch position 5 • for inside-delta circuit at rotary coding switch on switch position 6 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 11 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding swi	for inside-delta circuit at rotary coding switch on switch position 1	140 A
• for inside-delta circuit at rotary coding switch on switch position 3 • for inside-delta circuit at rotary coding switch on switch position 5 • for inside-delta circuit at rotary coding switch on switch position 6 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at an inside-delta circuit at rotary coding switch on switch position 16 • at an inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at an inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary cod	 for inside-delta circuit at rotary coding switch on 	151 A
witch position 4 • for inside-delta circuit at rotary coding switch on switch position 5 • for inside-delta circuit at rotary coding switch on switch position 6 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 11 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit minimum minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 60 °C after startup • at 60 °C after startup • at 60 °C during startup		161 A
switch position 5 • for inside-delta circuit at rotary coding switch on switch position 6 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 11 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at a side-delta circuit at rotary coding switch on switch position 16 • at a side-delta circuit at rotary coding switch on switch position 16 • at a side-delta circuit at rotary coding switch on switch position 16 • at a side-delta circuit at rotary coding switch on switch position 16 • at a side-delta circuit at rotary coding switch on switch position 16 • at a side-delta circuit at rotary coding switch on switch position 16 • at a side-delta circuit at rotary coding switch on switch position 16 • at a side-delta circuit at rotary coding switch on switch position 16 • at a side-delta circuit at rotary coding switch on switch position 16 • at a side-delta circuit at rotary coding switch on switch position 18 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding s		171 A
switch position 6 • for inside-delta circuit at rotary coding switch on switch position 7 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 11 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at 10 of a delta circuit at rotary coding switch on switch position 16 • at 10 of a delta circuit at rotary coding switch on switch position 16 • at 10 of a delta circuit at rotary coding switch on switch position 16 • at 10 of a delta circuit at rotary coding switch on switch position 16 • at 10 of a delta circuit at rotary coding switch on switch position 16 • at 10 of a delta circuit at rotary coding switch on switch position 16 • at 10 of a delta circuit at rotary coding switch on switch position 16 • at 10 of a delta circuit at rotary coding switch on switch position 16 • at 10 of a delta circuit at rotary coding switch on switch position 16 • at 10 of a delta circuit at rotary coding switch on switch position 16 • at 10 of a delta circuit at rotary coding switch on switch position 16 • at 10 of a delta circuit at rotary coding switch on switch po	switch position 5	
switch position 7 • for inside-delta circuit at rotary coding switch on switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 11 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at tinside-delta circuit at rotary coding switch on switch position 16 • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup • at 60 °C after startup • at 60 °C during startup	switch position 6	
switch position 8 • for inside-delta circuit at rotary coding switch on switch position 9 • for inside-delta circuit at rotary coding switch on switch position 10 • for inside-delta circuit at rotary coding switch on switch position 11 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at at inside-delta circuit at rotary coding switch on switch position 16 • at at switch position 16 • at at switch position 16 • at at o°C after startup • at 60 °C during startup	switch position 7	
switch position 9 • for inside-delta circuit at rotary coding switch on switch position 11 • for inside-delta circuit at rotary coding switch on switch position 11 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit minimum minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup • at 40 °C during startup • at 40 °C during startup • at 50 °C during startup • at 50 °C during startup • at 60 °C during startup	switch position 8	
switch position 10 • for inside-delta circuit at rotary coding switch on switch position 11 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit minimum minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup • at 40 °C during startup • at 40 °C during startup • at 60 °C during startup	switch position 9	
switch position 11 • for inside-delta circuit at rotary coding switch on switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit minimum minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup • at 40 °C during startup • at 40 °C during startup • at 60 °C during startup	switch position 10	
switch position 12 • for inside-delta circuit at rotary coding switch on switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit minimum Ido A minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup • at 40 °C during startup • at 60 °C during startup	switch position 11	
switch position 13 • for inside-delta circuit at rotary coding switch on switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit minimum 140 A minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup power loss [W] at AC at current limitation 350 % • at 40 °C during startup • at 50 °C during startup • at 60 °C during startup	switch position 12	
switch position 14 • for inside-delta circuit at rotary coding switch on switch position 15 • for inside-delta circuit at rotary coding switch on switch position 16 • at inside-delta circuit minimum minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup • at 40 °C during startup • at 50 °C during startup • at 60 °C during startup	switch position 13	275 A
for inside-delta circuit at rotary coding switch on switch position 16 at inside-delta circuit minimum 140 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 at 50 °C after startup at 60 °C after startup at 60 °C after startup at 40 °C during startup at 40 °C during startup at 50 °C during startup at 50 °C during startup at 60 °C during startup AC	for inside-delta circuit at rotary coding switch on	286 A
 at inside-delta circuit minimum minimum load [%] power loss [W] for rated value of the current at AC at 40 °C after startup at 50 °C after startup at 60 °C after startup at 40 °C during startup at 40 °C during startup at 40 °C during startup at 50 °C during startup at 60 °C during startup at 50 °C during startup at 50 °C during startup at 50 °C during startup at 60 °C during startup at 60 °C during startup at 60 °C during startup AC 	for inside-delta circuit at rotary coding switch on	296 A
minimum load [%] power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup power loss [W] at AC at current limitation 350 % • at 40 °C during startup • at 50 °C during startup • at 50 °C during startup • at 60 °C during startup		440.4
power loss [W] for rated value of the current at AC • at 40 °C after startup • at 50 °C after startup • at 60 °C after startup power loss [W] at AC at current limitation 350 % • at 40 °C during startup • at 50 °C during startup • at 50 °C during startup • at 60 °C during startup AC		
 at 40 °C after startup at 50 °C after startup at 60 °C after startup at 60 °C after startup power loss [W] at AC at current limitation 350 % at 40 °C during startup at 50 °C during startup at 60 °C during startup AC 		15 %, Relative to simallest settable le
 at 50 °C after startup at 60 °C after startup power loss [W] at AC at current limitation 350 % at 40 °C during startup at 50 °C during startup at 60 °C during startup at 60 °C during startup at 60 °C during startup AC Control circuit/ Control type of voltage of the control supply voltage AC		63 W
 at 60 °C after startup power loss [W] at AC at current limitation 350 % at 40 °C during startup at 50 °C during startup at 60 °C during startup 1 826 W Control circuit/ Control type of voltage of the control supply voltage AC	•	
power loss [W] at AC at current limitation 350 % • at 40 °C during startup	•	
 at 40 °C during startup at 50 °C during startup at 60 °C during startup 1 826 W Control circuit/ Control type of voltage of the control supply voltage AC	•	
at 60 °C during startup 1 826 W Control circuit/ Control type of voltage of the control supply voltage AC		2 405 W
Control circuit/ Control type of voltage of the control supply voltage AC	 at 50 °C during startup 	2 037 W
type of voltage of the control supply voltage AC	at 60 °C during startup	1 826 W
	Control circuit/ Control	
		AC
control supply voltage at AC	control supply voltage at AC	

* at 60 Hz relative negative tolerance of the control supply voltage at AC at 50 Hz relative positive tolerance of the control supply voltage at AC at 50 Hz relative positive tolerance of the control supply voltage at AC at 50 Hz relative negative tolerance of the control supply voltage at AC at 50 Hz voltage frequency relative negative tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency control supply voltage frequency control supply current in standby mode rated value florid position of innusts or the position of control supply voltage remainment duration of innusts or cereb position of control supply voltage remainment duration of innusts or cereb position of control supply voltage remainment duration of innusts or cereb position of control supply voltage design of the overvoltage protection for an active (in- 100 A). Culck acting fuse (in- 1 AA). C1 miniature 4 Apg fuse (in- 1 AA). 6 A quick acting fuse (in- 1 AA). C1 miniature 4 Apg fuse (in- 1 AA). 6 A quick acting fuse (in- 1 AA). C1 miniature 4 Apg fuse (in- 1 AA). 6 A quick acting fuse (in- 1 AA). C1 miniature 4 Apg fuse (in- 1 AA). 6 A quick acting fuse (in- 1 AA). C1 miniature 4 Apg fuse (in- 1 AA). 6 A quick acting fuse (in- 1 AA). C1 miniature 4 Apg fuse (in- 1 AA). 6 A quick acting fuse (in- 1 AA). C1 miniature 4 Apg fus		
relative negative tolerance of the control supply voltage at Az d. 68 Hz voltage at Az d. 6	● at 50 Hz	
voltage at AC at 50 Hz relative positive tolerance of the control supply voltage at AC at 50 Hz relative negative tolerance of the control supply voltage at AC at 60 Hz relative negative tolerance of the control supply voltage at AC at 60 Hz relative negative tolerance of the control supply voltage at AC at 60 Hz relative negative tolerance of the control supply voltage at AC at 60 Hz relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply relative positive current in byses of example of the control supply voltage relative negative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance		
relative positive tolerance of the control supply voltage in 2.4 at 60 Hz relative negative tolerance of the control supply voltage in 2.4 at 60 Hz relative positive tolerance of the control supply voltage in 2.4 at 60 Hz relative positive tolerance of the control supply voltage in 2.4 at 60 Hz relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive frequency freque		-15 %
relative negative tolerance of the control supply voltage at 26 at 60 Hz relative positive tolerance of the control supply voltage at 26 at 60 Hz control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency relative positive positive frequency relative positive fr	relative positive tolerance of the control supply	10 %
voltage at AC at 60 Hz control supply voltage frequency relative negative tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency control supply current in standby mode rated value incuba current peak at application of control supply voltage maximum duration of incush current peak at application of control supply voltage maximum duration of incush current peak at application of control supply voltage design of the overvoltage protection design of short-circuit protection for control circuit design of short-circuit protection for control circuit supply voltage Inputs' Outputs Inputs	relative negative tolerance of the control supply	-15 %
relative negative tolerance of the control supply voltage frequency relative positive tolerance of the control supply voltage frequency control supply current in standby mode rated value holding current in bypass operation rated value inrush current peak at application of control supply voltage maximum. Insulative the vervoltage protection design of short-circuit protection for control circuit supply voltage of supply subsets of short-circuit protection for control circuit supply voltage of supply subsets of short-circuit protection for control circuit supply voltage of supply subsets of short-circuit protection for control circuit supply voltage of supply subsets of subsets of subsets of supply voltage of supply subsets of subs		10 %
voltage frequency relative positive tolerance of the control supply voltage frequency control supply current in standby mode rated value holding current in bypass operation rated value mush current peak at application of control supply voltage maximum duration of innush current peak at application of control supply voltage design of the overvoltage protection design of short-circuit protection for control circuit supply voltage design of the overvoltage protection design of short-circuit protection for control circuit supply voltage supply voltage design of the overvoltage protection design of short-circuit protection for control circuit supply voltage supply voltage variety supply voltage design of the overvoltage protection design of short-circuit protection for control circuit supply voltage supply voltage variety 4 A gG fuse (lcu=1 kA), 6 A quick-acting fuse (lcu=1 kA), C1 miniature circuit breaker (lcu=600 A), C5 miniature circuit breaker (lcu=300 A), is not part of scope of supply in part of scope of su	control supply voltage frequency	50 60 Hz
relative positive tolerance of the control supply voltage frequency control supply current in standby mode rated value incush current peak at application of control supply voltage maximum duration of incush current peak at application of control supply voltage design of the overvoltage protection design of short-circuit protection for control circuit supply voltage and supply voltage design of the overvoltage protection of sign of short-circuit protection for control circuit supply voltage and supply voltage supply supply supply voltage supply supply supply voltage supply supply supply voltage supply voltage supply supply voltage supply voltage supply supply voltage supply volta		-10 %
control supply current in standby mode rated value holding current in bypass operation rated value inrush current peak at application of control supply voltage maximum unation of innush current peak at application of control supply voltage design of the overvoltage protection design of short-circuit protection for control circuit casein of the overvoltage protection design of short-circuit protection for control circuit casein of the overvoltage protection of design of short-circuit protection for control circuit casein of the overvoltage protection of design of short-circuit protection for control circuit casein of society of the overvoltage protection of design of short-circuit protection of supply voltage (icu=1 kA), 6 A quick-acting fuse (icu=1 kA), C1 miniature circuit breaker (icu=300 A); is not part of scope of supply Inputs/ Outputs	relative positive tolerance of the control supply	10 %
imush current peak at application of control supply voltage maximum duration of inrush current peak at application of control supply voltage design of the overvoltage protection design of short-circuit protection for control circuit cases of the overvoltage protection design of short-circuit protection for control circuit cases of the overvoltage protection of control circuit cases of the overvoltage protection of control circuit cases of the overvoltage protection of control circuit single protection of control circuit single processing of control c		30 mA
maximum duration of inrush current peak at application of control supply voltage design of the overvoltage protection design of short-circuit protection for control circuit A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 500 A), C8 miniature circuit breaker (Icu= 300 A), Is not part of digital inputs number of digital inputs number of digital outputs a not parameterizable 2 digital output version 2 normally-open contacts (NO) / 1 changeover contact (CO) number of analog outputs 3 a	holding current in bypass operation rated value	75 mA
supply voltage design of the overvoltage protection design of short-circuit protection for control circuit Inputs/ Outputs number of digital inputs number of digital inputs number of digital outputs in entry animal protection of the relay outputs at AC-15 at 250 V rated value at AC-15 at 250 V rated value at AC-15 at 250 V rated value in at AC-15 at 250 V rat	maximum	12.2 A
design of short-circuit protection for control circuit 4 A gG fuse (lou=1 kA), CB quick-acting fuse (lou=1 kA), CB miniature circuit breaker (lou=300 A); Is not part of scope of supply	supply voltage	
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 1 A Installation/ mounting/ dimensions mounting position fastening method height width depth pore analog with side-by-side mounting • forwards • backwards • upwards • at the side velight without packaging vith eside weight without packaging vith connection some connection • for control circuit with conductor cross-section = 0.5 mm² maximum with conductor cross-sections • for DIN cable lug for main contacts frainded very connectable conductor cross-sections • for control circuit finely stranded with core end processing		
Inputs/ Outputs number of digital inputs	design of short-circuit protection for control circuit	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is
number of digital inputs number of digital outputs a not parameterizable digital output version number of analog outputs at AC-15 at 250 V rated value at DC-13 at 250 V rated value at DC-13 at 24 V rated value at DC-13 at 250 V rated value at DC-15 at 250 V rated value at DC-	Inputs/ Outputs	
number of digital outputs • not parameterizable digital output version number of analog outputs • at Ac-15 at 250 V rated value • at DC-13 at 24 V rated value • at DC-13 at 24 V rated value • at DC-13 at 24 V rated value • at DC-13 at 24 V rated value • at DC-13 at 250 V rated value • at D		1
not parameterizable digital output version number of analog outputs switching capacity current of the relay outputs		
number of analog outputs witching capacity current of the relay outputs • at AC-15 at 250 V rated value • at DC-13 at 24 V rated value 1 A Installation/ mounting/ dimensions mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing surface +/- 22.5° tiltable to the front	not parameterizable	2
switching capacity current of the relay outputs at AC-15 at 250 V rated value at DC-13 at 24 V rated value 1 A Installation/ mounting/ dimensions mounting position surface +/- 22.5" tiltable to the front and back screw fixing surface +/- 22.5" tiltable to the front and back screw fixing 306 mm with the depth 203 mm required spacing with side-by-side mounting of owards olong with side-by-side mounting of owards olong with side-by-side mounting of owards olong many owards olong many owards olong many owards olong many owards of many ow	•	2 normally-open contacts (NO) / 1 changeover contact (CO)
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 vidth depth of orwards upwards of adverseds of ormain current circuit of for control circuit with conductor cross-sections of connectable conductor cross-sections of control circuit solid of connectable conductor cross-sections of control circuit sinely stranded of processing owith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable,	number of analog outputs	0
• at DC-13 at 24 V rated value Installation/ mounting/ dimensions mounting position with vertical mounting surface +/-90* rotatable, with vertical mounting surface +/-90* rotatable with same function 1		
mounting position fastening method height width depth required spacing with side-by-side mounting		
mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back screw fixing height		1 A
surface +/- 22.5° tillable to the front and back fastening method height width depth required spacing with side-by-side mounting of orwards backwards backwards cupwards tupwards tupwa		
height width depth 203 mm required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit width of connection bar maximum wire length for thermistor connection • with conductor cross-section = 0.5 mm² maximum • with conductor cross-section = 1.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum type of connectable conductor cross-sections • for DIN cable lug for main contacts stranded • for DIN cable lug for main contacts stranded • for control circuit solid	Installation/ mounting/ dimensions	
width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for control circuit • for control circuit solid • with conductor cross-sections • for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections • for control circuit finely stranded with core end processing	Installation/ mounting/ dimensions	with vertical mounting surface +/-90° rotatable, with vertical mounting
depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side • at the side • the side • for connections/ Terminals type of electrical connection • for main current circuit • for control circuit width of connection bar maximum wire length for thermistor connection • with conductor cross-section = 0.5 mm² maximum • with conductor cross-section = 1.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum type of connectable conductor cross-sections • for DIN cable lug for main contacts stranded • for control circuit finely stranded with core end processing • for control circuit finely stranded with core end processing	Installation/ mounting/ dimensions mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side • at the side • for control circuit • for control circuit solid • for control circuit standard processing • for control circuit standard processing • for control circuit standard processing • for control circuit standard stranded • for control circuit standard vith core end processing	Installation/ mounting/ dimensions mounting position fastening method	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing
• forwards • backwards • backwards • upwards • downwards • at the side • weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit • for control circuit width of connection bar maximum wire length for thermistor connection • with conductor cross-section = 0.5 mm² maximum • with conductor cross-section = 1.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum type of connectable conductor cross-sections • for DIN cable lug for main contacts stranded • for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections • for control circuit solid • for control circuit finely stranded with core end processing	Installation/ mounting/ dimensions mounting position fastening method height	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm
backwards upwards upwards downwards at the side s mm veight without packaging Connections/ Terminals type of electrical connection for control circuit busbar connection ofor control circuit solid with conductor cross-sections of por DIN cable lug for main contacts finely stranded processing one of the side one of main current circuit busbar connection spring-loaded terminals value for main current circuit solid value for main contacting value for main contacts stranded of connectable conductor cross-sections of connectable conductor cross-sections of control circuit solid of control circuit finely stranded with core end processing	Installation/ mounting/ dimensions mounting position fastening method height width	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 306 mm 185 mm
• upwards • downwards • at the side • at the side • at the side • at the side • bm weight without packaging 7.15 kg Connections/ Terminals type of electrical connection • for main current circuit • for control circuit • for control circuit • with conductor cross-section = 0.5 mm² maximum • with conductor cross-section = 0.5 mm² maximum • with conductor cross-section = 1.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum • with conductor cross-sections • for DIN cable lug for main contacts stranded • for control circuit solid • for control circuit finely stranded with core end processing 100 mm 5 mm 5 mm 5 mm 50 m 150 m 250	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	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
o downwards o at the side o at the side weight without packaging 7.15 kg Connections/ Terminals type of electrical connection o for main current circuit o for control circuit o for control circuit width of connection bar maximum wire length for thermistor connection o with conductor cross-section = 0.5 mm² maximum o with conductor cross-section = 1.5 mm² maximum o with conductor cross-section = 2.5 mm² maximum o with conductor cross-section = 2.5 mm² maximum o with conductor cross-sections o for DIN cable lug for main contacts stranded o for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections o for control circuit solid o for control circuit finely stranded with core end processing verification spring-loaded terminals vering-loaded terminals vering-lo	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards	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
• at the side weight without packaging 7.15 kg Connections/ Terminals type of electrical connection • for main current circuit • for control circuit width of connection bar maximum wire length for thermistor connection • with conductor cross-section = 0.5 mm² maximum • with conductor cross-section = 1.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum type of connectable conductor cross-sections • for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections • for control circuit solid • for control circuit solid • for control circuit finely stranded with core end processing	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards	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
weight without packaging 7.15 kg Connections/ Terminals type of electrical connection busbar connection • for control circuit spring-loaded terminals width of connection bar maximum 25 mm wire length for thermistor connection 50 m • with conductor cross-section = 0.5 mm² maximum 50 m • with conductor cross-section = 1.5 mm² maximum 250 m • with conductor cross-section = 2.5 mm² maximum 250 m type of connectable conductor cross-sections 2x (16 95 mm²) • for DIN cable lug for main contacts stranded 2x (25 120 mm²) type of connectable conductor cross-sections 2x (0.25 1.5 mm²) • 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)	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards	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
type of electrical connection • for main current circuit • for control circuit width of connection bar maximum wire length for thermistor connection • with conductor cross-section = 0.5 mm² maximum • with conductor cross-section = 1.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum • with conductor cross-sections • for DIN cable lug for main contacts stranded • for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections • for control circuit solid • for control circuit finely stranded with core end processing	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards	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 100 mm
type of electrical connection • for main current circuit • for control circuit width of connection bar maximum wire length for thermistor connection • with conductor cross-section = 0.5 mm² maximum • with conductor cross-section = 1.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum type of connectable conductor cross-sections • for DIN cable lug for main contacts stranded • for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections • for control circuit solid • for control circuit finely stranded with core end processing	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side	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
 for main current circuit for control circuit spring-loaded terminals 25 mm with of connection bar maximum with conductor cross-section = 0.5 mm² maximum with conductor cross-section = 1.5 mm² maximum with conductor cross-section = 2.5 mm² maximum with conductor cross-section = 2.5 mm² maximum with conductor cross-section = 2.5 mm² maximum type of connectable conductor cross-sections for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for control circuit solid for control circuit finely stranded with core end processing 50 m 2x (16 95 mm²) 2x (25 120 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	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 wire length for thermistor connection • with conductor cross-section = 0.5 mm² maximum • with conductor cross-section = 1.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum • with conductor cross-sections • for DIN cable lug for main contacts stranded • for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections • for control circuit solid • for control circuit finely stranded with core end processing 25 mm 50 m 250 m 22 (16 95 mm²) 22 (25 120 mm²) 23 (0.25 1.5 mm²) 24 (0.25 1.5 mm²)	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	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
 wire length for thermistor connection with conductor cross-section = 0.5 mm² maximum with conductor cross-section = 1.5 mm² maximum with conductor cross-section = 2.5 mm² maximum with conductor cross-sections for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for control circuit solid for control circuit finely stranded with core end processing 20 m 2x (16 95 mm²) 2x (25 120 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²)	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	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 7.15 kg
 with conductor cross-section = 0.5 mm² maximum with conductor cross-section = 1.5 mm² maximum with conductor cross-section = 2.5 mm² maximum with conductor cross-section = 2.5 mm² maximum type of connectable conductor cross-sections for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for control circuit solid for control circuit finely stranded with core end processing 20 m 2x (16 95 mm²) 2x (25 120 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²)	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit	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 7.15 kg
 with conductor cross-section = 1.5 mm² maximum with conductor cross-section = 2.5 mm² maximum type of connectable conductor cross-sections for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for control circuit solid for control circuit finely stranded with core end processing 250 m 2x (16 95 mm²) 2x (25 120 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²)	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	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 7.15 kg
 with conductor cross-section = 2.5 mm² maximum type of connectable conductor cross-sections for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for control circuit solid for control circuit finely stranded with core end processing 250 m 2x (16 95 mm²) 2x (25 120 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²)	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	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 7.15 kg busbar connection spring-loaded terminals 25 mm
 type of connectable conductor cross-sections for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for control circuit solid for control circuit finely stranded with core end processing 2x (16 95 mm²) 2x (25 120 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²)	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	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 7.15 kg busbar connection spring-loaded terminals 25 mm 50 m
 for DIN cable lug for main contacts stranded for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for control circuit solid for control circuit finely stranded with core end processing 2x (16 95 mm²) 2x (25 120 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²)	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	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 7.15 kg busbar connection spring-loaded terminals 25 mm 50 m 150 m
 for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections for control circuit solid for control circuit finely stranded with core end processing 2x (25 120 mm²) 2x (0.25 1.5 mm²) 2x (0.25 1.5 mm²)	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	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 7.15 kg busbar connection spring-loaded terminals 25 mm 50 m 150 m
type of connectable conductor cross-sections	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	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 7.15 kg busbar connection spring-loaded terminals 25 mm 50 m 150 m 250 m
• for control circuit finely stranded with core end processing 2x (0.25 1.5 mm²)	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	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 7.15 kg busbar connection spring-loaded terminals 25 mm 50 m 150 m 250 m 2x (16 95 mm²)
processing	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	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 7.15 kg busbar connection spring-loaded terminals 25 mm 50 m 150 m 250 m 2x (16 95 mm²)
	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting • forwards • backwards • upwards • downwards • at the side weight without packaging Connections/ Terminals type of electrical connection • for main current circuit • for control circuit width of connection bar maximum wire length for thermistor connection • with conductor cross-section = 0.5 mm² maximum • with conductor cross-section = 1.5 mm² maximum • with conductor cross-section = 2.5 mm² maximum type of connectable conductor cross-sections • for DIN cable lug for main contacts stranded • for DIN cable lug for main contacts finely stranded type of connectable conductor cross-sections	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 7.15 kg busbar connection spring-loaded terminals 25 mm 50 m 150 m 150 m 250 m 2x (16 95 mm²) 2x (25 120 mm²)
	Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing with side-by-side mounting	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 100 mm 100 mm 100 mm 150 mm 5 mm 5 m

 at AWG cables for control circuit finely stranded with 	2x (24 16)
core end processing	
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 	10 14 N·m
 for auxiliary and control contacts with screw-type 	0.8 1.2 N·m
terminals	
tightening torque [lbf·in]	
 for main contacts with screw-type terminals 	89 124 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
dusing stars at 15 to 150 00704	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)
during transport according to IEC 60721 EMC emitted interference	acc. to IEC 60947-4-2: Class A
	acc. to IEC 00947-4-2. 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	
UL/CSA ratings manufacturer's article number	
manufacturer's article number	Siemens type: 3VA52, max. 250 A; Iq = 10 kA
manufacturer's article number of circuit breaker	Siemens type: 3VA52, max. 250 A; Iq = 10 kA
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according	Siemens type: 3VA52, max. 250 A; lq = 10 kA Siemens type: 3VA52, max. 250 A; lq max = 65 kA
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA
manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at	
manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA
manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA
manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA
 manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL of the fuse 	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL — usable for Standard Faults up to 575/600 V according to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA
manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL sable for Standard Faults up to 575/600 V according to UL 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	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL — usable for Standard Faults up to 575/600 V according to UL — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for Standard Faults at inside-delta	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA
manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL — usable for Standard Faults up to 575/600 V according to UL — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA
 manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL 	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA
 manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors 	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA
 manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value 	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class J / L, max. 350 A; Iq = 100 kA
manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V according to UL 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 High Faults up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class J / L, max. 350 A; Iq = 100 kA
 of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 460/480 V at 50 °C rated value 	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class J / L, max. 350 A; Iq = 100 kA
 of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V at inside-delta circuit according to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 460/480 V at 50 °C rated value at 200/208 V at inside-delta circuit at 50 °C rated 	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class J / L, max. 350 A; Iq = 100 kA
manufacturer's article number of circuit breaker usable for Standard Faults at 460/480 V according to UL usable for High Faults at 460/480 V according to UL usable for Standard Faults at 460/480 V at inside-delta circuit according to UL usable for High Faults at 460/480 V at inside-delta circuit according to UL usable for Standard Faults at 575/600 V according to UL usable for Standard Faults at 575/600 V according to UL 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 High Faults up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 460/480 V at 50 °C rated value at 200/208 V at inside-delta circuit at 50 °C rated value	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class J / L, max. 350 A; Iq = 100 kA
• of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL — 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 operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 200/208 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class J / L, max. 350 A; Iq = 100 kA
• of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class J / L, max. 350 A; Iq = 100 kA
• of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for High Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL — 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 operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 200/208 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq = 10 kA Type: Class RK5 / K5, max. 400 A; Iq = 10 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class J / L, max. 350 A; Iq = 100 kA Type: Class J / L, max. 350 A; Iq = 100 kA

contact rating of auxiliary contacts according to UL

R300-B300

Safety related data

protection class IP on the front according to IEC 60529

IP00; IP20 with cover

touch protection on the front according to IEC 60529 electromagnetic compatibility

finger-safe, for vertical contact from the front with cover in accordance with IEC 60947-4-2

Certificates/ approvals

General Product Approval

EMC





Confirmation







Declaration of Conformity

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping

other



Confirmation

Further information

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5236-2TC14

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RW5236-2TC14}}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5236-2TC14

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5236-2TC14&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

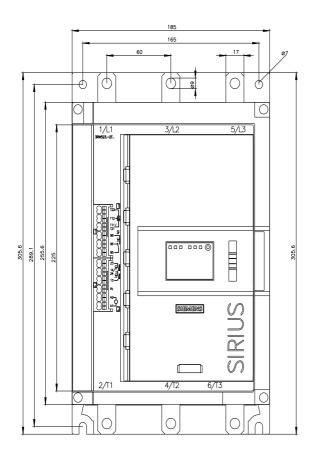
https://support.industry.siemens.com/cs/ww/en/ps/3RW5236-2TC14/char

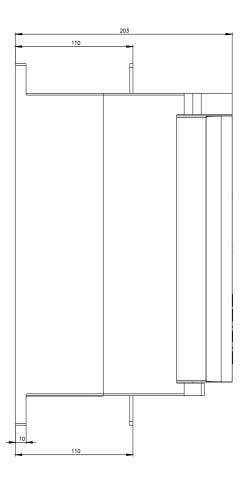
Characteristic: Installation altitude

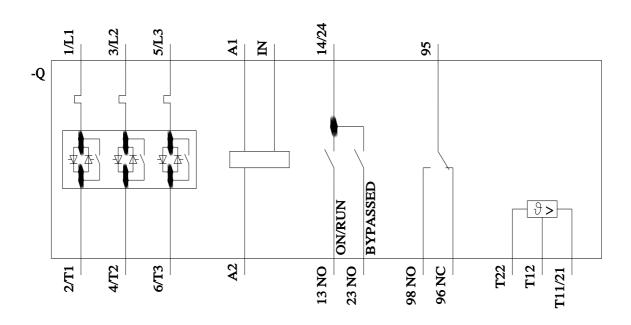
 $\underline{\text{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5236-2TC14\&objecttype=14\&gridview=view1}$

Simulation Tool for Soft Starters (STS)

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







last modified: 4/10/2022 🖸