SIEMENS

Data sheet

3RW5056-2AB05



SIRIUS soft starter 200-600 V 171 A, 24 V AC/DC Spring-loaded terminals Analog output

Figure similar

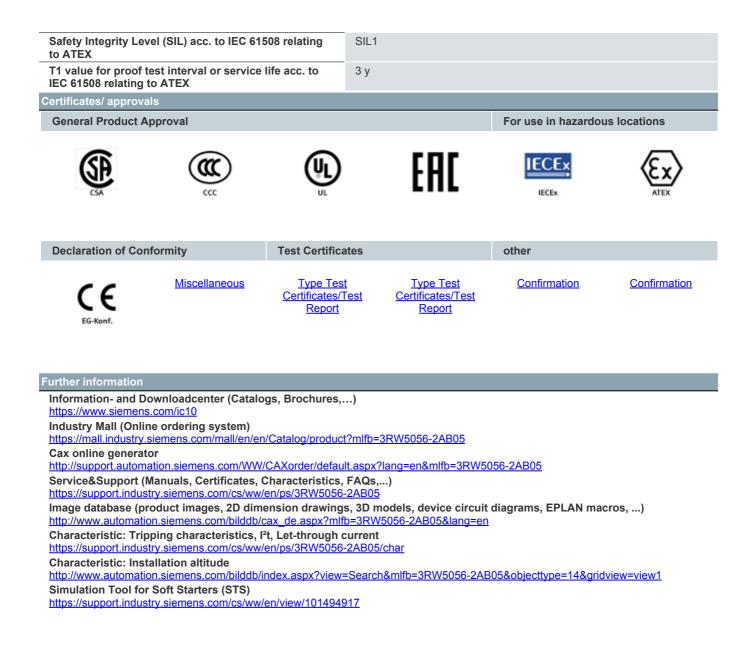
product brand name	SIRIUS
product category	Hybrid switching devices
product designation	Soft starter
product type designation	3RW50
manufacturer's article number	
 of standard HMI module usable 	3RW5980-0HS01
 of high feature HMI module usable 	3RW5980-0HF00
 of communication module PROFINET standard usable 	3RW5980-0CS00
 of communication module PROFIBUS usable 	3RW5980-0CP00
 of communication module Modbus TCP usable 	3RW5980-0CT00
 of communication module Modbus RTU usable 	3RW5980-0CR00
 of communication module Ethernet/IP 	3RW5980-0CE00
 of circuit breaker usable at 400 V 	3VA2220-7MN32-0AA0; Type of assignment 1, Iq = 20 kA
 of circuit breaker usable at 500 V 	3VA2220-7MN32-0AA0; Type of assignment 1, Iq = 20 kA
 of the gG fuse usable up to 690 V 	3NA3244-6; Type of coordination 1, Iq = 65 kA
 of full range R fuse link for semiconductor protection usable up to 690 V 	3NE1 230-0; Type of coordination 2, Iq = 65 kA
 of back-up R fuse link for semiconductor protection usable up to 690 V 	3NE3 335; Type of coordination 2, Iq = 65 kA
 of line contactor usable up to 480 V 	3RT1056
 of line contactor usable up to 690 V 	3RT1064
General technical data	
starting voltage [%]	30 100 %
stopping voltage [%]	50 50 %
start-up ramp time of soft starter	0 20 s
ramp-down time of soft starter	0 20 s
current limiting value [%] adjustable	130 700 %
accuracy class acc. to IEC 61557-12	5 %
certificate of suitability	
CE marking	Yes
UL approval	Yes
CSA approval	Yes
product component is supported	
HMI-Standard	Yes
HMI-High Feature	Yes
product feature integrated bypass contact system	Yes
number of controlled phases	2

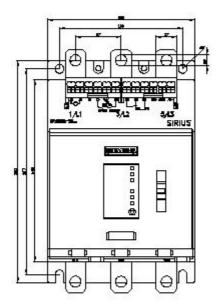
	CLASS 10A / 10E (preset) / 20E; acc. to IEC 60947-4-2
trip class buffering time in the event of power failure	CEROS 1077 10E (presel)7 20E, acc. to 1EO 00347 4-2
for main current circuit	100 ms
for control circuit	100 ms
	600 V
insulation voltage rated value degree of pollution	3, acc. to IEC 60947-4-2
impulse voltage rated value	6 kV
blocking voltage of the thyristor maximum	1 800 V
service factor	1
reference code acc. to IEC 81346-2	Q
product function	<u>u</u>
ramp-up (soft starting)	Yes
• ramp-down (soft stop)	Yes
Soft Torque	Yes
•	Yes
adjustable current limitation	Yes
 pump ramp down intrinsic device protection 	Yes
motor overload protection	Yes; Electronic motor overload protection
evaluation of thermistor motor protection	No
• 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 Yes
via software configurable	
PROFlenergy	Yes; in connection with the PROFINET Standard communication module
 voltage ramp 	Yes
torque control	No
analog output	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature
	HMI)
Power Electronics	
operational current	
	171 A
operational current	171 A 153 A
operational current • at 40 °C rated value	
 operational current at 40 °C rated value at 50 °C rated value 	153 A
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value	153 A
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage	153 A 141 A 200 600 V -15 %
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage	153 A 141 A 200 600 V
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors	153 A 141 A 200 600 V -15 % 10 %
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value	153 A 141 A 200 600 V -15 % 10 % 45 kW
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW 110 kW
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW 110 kW 50 Hz
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW 110 kW 50 Hz 60 Hz
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW 110 kW 50 Hz 60 Hz -10 %
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW 110 kW 50 Hz 60 Hz
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value Operating frequency 1 rated value Operating frequency 2 rated value relative negative tolerance of the operating frequency relative positive tolerance of the operating frequency adjustable motor current	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW 110 kW 50 Hz 60 Hz -10 % 10 %
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value Operating frequency 1 rated value Operating frequency 2 rated value relative negative tolerance of the operating frequency relative negative tolerance of the operating frequency adjustable motor current • at rotary coding switch on switch position 1	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW 110 kW 50 Hz 60 Hz -10 % 10 %
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value Operating frequency 1 rated value Operating frequency 2 rated value relative negative tolerance of the operating frequency relative positive tolerance of the operating frequency relative positive tolerance of the operating frequency adjustable motor current • at rotary coding switch on switch position 1 • at rotary coding switch on switch position 2	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW 110 kW 50 Hz 60 Hz -10 % 10 % 81 A 87 A
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value • relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value Operating frequency 1 rated value Operating frequency 2 rated value relative negative tolerance of the operating frequency relative positive tolerance of the operating frequency adjustable motor current • at rotary coding switch on switch position 1 • at rotary coding switch on switch position 2 • at rotary coding switch on switch position 3	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW 110 kW 50 Hz 60 Hz -10 % 10 % 81 A 87 A 93 A
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value Operating frequency 1 rated value Operating frequency 2 rated value relative negative tolerance of the operating frequency relative negative tolerance of the operating frequency adjustable motor current • at rotary coding switch on switch position 1 • at rotary coding switch on switch position 2 • at rotary coding switch on switch position 3 • at rotary coding switch on switch position 4	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW 110 kW 50 Hz 60 Hz -10 % 10 % 81 A 87 A 93 A 99 A
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value Operating frequency 1 rated value Operating frequency 2 rated value relative negative tolerance of the operating frequency relative negative tolerance of the operating frequency adjustable motor current • at rotary coding switch on switch position 1 • at rotary coding switch on switch position 3 • at rotary coding switch on switch position 4 • at rotary coding switch on switch position 5	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW 110 kW 50 Hz 60 Hz -10 % 10 % 81 A 87 A 93 A 93 A 93 A 99 A 105 A
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 200 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value Operating frequency 1 rated value Operating frequency 2 rated value relative negative tolerance of the operating frequency relative positive tolerance of the operating frequency adjustable motor current • at rotary coding switch on switch position 1 • at rotary coding switch on switch position 2 • at rotary coding switch on switch position 4 • at rotary coding switch on switch position 5 • at rotary coding switch on switch position 6	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW 110 kW 50 Hz 60 Hz -10 % 10 % 81 A 87 A 93 A 99 A 105 A 111 A
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value Operating frequency 1 rated value Operating frequency 2 rated value relative negative tolerance of the operating frequency relative positive tolerance of the operating frequency adjustable motor current • at rotary coding switch on switch position 1 • at rotary coding switch on switch position 3 • at rotary coding switch on switch position 4 • at rotary coding switch on switch position 5	153 A 141 A 200 600 V -15 % 10 % 45 kW 90 kW 110 kW 50 Hz 60 Hz -10 % 10 % 81 A 87 A 93 A 93 A 93 A 99 A 105 A

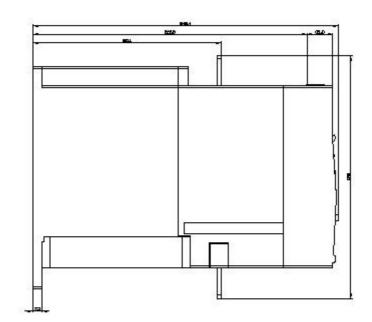
 at rotary coding switch on switch position 9 	129 A
 at rotary coding switch on switch position 10 	135 A
 at rotary coding switch on switch position 11 	141 A
 at rotary coding switch on switch position 12 	147 A
 at rotary coding switch on switch position 13 	153 A
 at rotary coding switch on switch position 14 	159 A
at rotary coding switch on switch position 15	165 A
 at rotary coding switch on switch position 16 at rotary coding switch on switch position 16 	171 A
minimum	81 A
minimum load [%]	15 %; Relative to smallest settable le
	15 %, Relative to smallest settable le
power loss [W] for rated value of the current at AC	20.14
• at 40 °C after startup	29 W
• at 50 °C after startup	23 W
at 60 °C after startup	20 W
power loss [W] at AC at current limitation 350 %	
 at 40 °C during startup 	1 751 W
 at 50 °C during startup 	1 478 W
● at 60 °C during startup	1 308 W
type of the motor protection	Electronic, tripping in the event of thermal overload of the motor
Control circuit/ Control	
type of voltage of the control supply voltage	AC/DC
control supply voltage at AC at 50 Hz rated value	24 V
 control supply voltage at AC at 50 Hz rated value control supply voltage at AC at 60 Hz rated value 	24 V 24 V
relative negative tolerance of the control supply	-20 %
voltage at AC at 50 Hz	-20 70
relative positive tolerance of the control supply voltage at AC at 50 Hz	20 %
relative negative tolerance of the control supply voltage at AC at 60 Hz	-20 %
relative positive tolerance of the control supply	20 %
voltage at AC at 60 Hz	
control supply voltage frequency	50 60 Hz
relative negative tolerance of the control supply voltage frequency	-10 %
relative positive tolerance of the control supply voltage frequency	10 %
 control supply voltage at DC rated value 	24 V
relative negative tolerance of the control supply voltage at DC	-20 %
relative positive tolerance of the control supply voltage at DC	20 %
control supply current in standby mode rated value	160 mA
holding current in bypass operation rated value	360 mA
locked-rotor current at close of bypass contact maximum	7.6 A
inrush current peak at application of control supply voltage maximum	3.3 A
duration of inrush current peak at application of control supply voltage	12.1 ms
design of the overvoltage protection	Varistor
design of short-circuit protection for control circuit	4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
Inputs/ Outputs	
number of digital inputs	1
number of inputs for thermistor connection	0
number of digital outputs	3
not parameterizable	2
digital output version	2 2 normally-open contacts (NO) / 1 changeover contact (CO)
number of analog outputs	
Installation/ mounting/ dimensions	

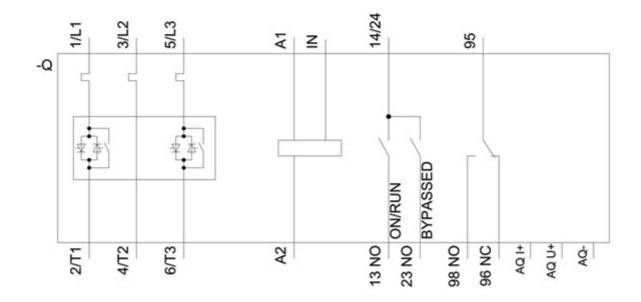
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
fastening method	screw fixing
height	198 mm
width	120 mm
depth	249 mm
required spacing with side-by-side mounting	
• forwards	10 mm
 backwards 	0 mm
• upwards	100 mm
• downwards	75 mm
at the side	5 mm
weight without packaging	5.2 kg
connections/ Terminals	
type of electrical connection	
for main current circuit	busbar connection
for control circuit	spring-loaded terminals
width of connection bar maximum	25 mm
type of connectable conductor cross-sections	
 for main contacts for box terminal using the front clamping point solid 	16 120 mm²
 for main contacts for box terminal using the front clamping point finely stranded with core end processing 	16 120 mm²
 for main contacts for box terminal using the front clamping point finely stranded without core end processing 	10 120 mm²
 for main contacts for box terminal using the front clamping point stranded 	16 70 mm²
 at AWG cables for main contacts for box terminal using the front clamping point 	6 250 kcmil
 for main contacts for box terminal using the back clamping point solid 	16 120 mm²
 at AWG cables for main contacts for box terminal using the back clamping point 	6 250 kcmil
 for main contacts for box terminal using both clamping points solid 	max. 1x 95 mm², 1x 120 mm²
 for main contacts for box terminal using both clamping points finely stranded with core end processing 	max. 1x 95 mm², 1x 120 mm²
 for main contacts for box terminal using both clamping points finely stranded without core end processing 	max. 1x 95 mm², 1x 120 mm²
 for main contacts for box terminal using both clamping points stranded 	max. 2x 120 mm ²
 for main contacts for box terminal using the back clamping point finely stranded with core end processing 	16 120 mm²
 for main contacts for box terminal using the back clamping point finely stranded without core end processing 	10 120 mm²
 for main contacts for box terminal using the back clamping point stranded 	16 120 mm²
type of connectable conductor cross-sections	
 at AWG cables for main current circuit solid 	4 250 kcmil
 for DIN cable lug for main contacts stranded 	16 95 mm²
 for DIN cable lug for main contacts finely stranded 	25 120 mm²
type of connectable conductor cross-sections	
 for control circuit solid 	2x (0.25 1.5 mm²)
 for control circuit finely stranded with core end processing 	2x (0.25 1.5 mm²)
 at AWG cables for control circuit solid at AWG cables for control circuit finely stranded with core end processing 	2x (24 16) 2x (24 16)

wire length	
 between soft starter and motor maximum 	800 m
 at the digital inputs at AC maximum 	1 000 m
tightening torque	
 for main contacts with screw-type terminals 	10 14 N·m
for auxiliary and control contacts with screw-type terminals	0.8 1.2 N·m
tightening torque [lbf⋅in]	
 for main contacts with screw-type terminals 	89 124 lbf·in
 for auxiliary and control contacts with screw-type terminals 	7 10.3 lbf·in
Ambient conditions	
installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see manual
• ambient temperature during operation	-25 +60 °C; Please observe derating at temperatures of 40 °C or above
 ambient temperature during storage and transport 	-40 +80 °C
environmental category	
during operation acc. to IEC 60721	3K6 (no ice formation, only occasional condensation), 3C3 (no salt
G THE FEE THE FEE THE	mist), 3S2 (sand must not get into the devices), 3M6
• during storage acc. to IEC 60721	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
 during transport acc. to IEC 60721 	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)
EMC emitted interference	acc. to IEC 60947-4-2: Class A
Communication/ Protocol	
communication module is supported	
 PROFINET standard 	Yes
EtherNet/IP	Yes
Modbus RTU	Yes
Modbus TCP	Yes
PROFIBUS	Yes
UL/CSA ratings	
manufacturer's article number	
manufacturer's article number	Siemens type: 3VA5225, max. 250 A; lq = 10 kA
manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V	Siemens type: 3VA5225, 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 	
 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 	
 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 of the fuse usable for Standard Faults up to 575/600 V 	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 of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL generating to UL 	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 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 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 operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value 	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 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 of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL generating to UL 	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 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 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 operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value 	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp
 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 of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL 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; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp
 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 of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL 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; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp
 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 of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL 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 575/600 V at 50 °C rated value 	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp
 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 of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL according to UL usable for Jon 3-phase motors at 200/208 V at 50 °C rated value at 460/480 V at 50 °C rated value at 460/480 V at 50 °C rated value at 575/600 V at 50 °C rated value Safety related data protection class IP on the front acc. to IEC 60529 touch protection on the front acc. to IEC 60529 	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp 150 hp
 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 of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 460/480 V at 50 °C rated value at 460/480 V at 50 °C rated value Safety related data 	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp 150 hp
 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 of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL according to UL usable for Jon 3-phase motors at 200/208 V at 50 °C rated value at 460/480 V at 50 °C rated value at 460/480 V at 50 °C rated value at 575/600 V at 50 °C rated value Safety related data protection class IP on the front acc. to IEC 60529 touch protection on the front acc. to IEC 60529 	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp 150 hp
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last modified:

12/15/2020 🖸