## **SIEMENS**

Data sheet 3RW5056-6AB15



SIRIUS soft starter 200-600 V 171 A, 110-250 V AC Screw 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	
<ul> <li>of standard HMI module usable</li> </ul>	<u>3RW5980-0HS01</u>
<ul> <li>of high feature HMI module usable</li> </ul>	3RW5980-0HF00
<ul> <li>of communication module PROFINET standard usable</li> </ul>	3RW5980-0CS00
<ul> <li>of communication module PROFIBUS usable</li> </ul>	3RW5980-0CP00
<ul> <li>of communication module Modbus TCP usable</li> </ul>	3RW5980-0CT00
<ul> <li>of communication module Modbus RTU usable</li> </ul>	3RW5980-0CR00
<ul> <li>of communication module Ethernet/IP</li> </ul>	3RW5980-0CE00
<ul> <li>of circuit breaker usable at 400 V</li> </ul>	3VA2220-7MN32-0AA0; Type of assignment 1, Iq = 20 kA
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3VA2220-7MN32-0AA0: Type of assignment 1, Iq = 20 kA
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	3NA3244-6; Type of coordination 1, Iq = 65 kA
<ul> <li>of full range R fuse link for semiconductor protection usable up to 690 V</li> </ul>	3NE1 230-0; Type of coordination 2, Iq = 65 kA
<ul> <li>of back-up R fuse link for semiconductor protection usable up to 690 V</li> </ul>	3NE3 335; Type of coordination 2, Iq = 65 kA
<ul> <li>of line contactor usable up to 480 V</li> </ul>	<u>3RT1056</u>
<ul> <li>of line contactor usable up to 690 V</li> </ul>	<u>3RT1064</u>
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> <li>UL approval</li> </ul>	Yes
CSA approval	Yes
product component	
HMI-High Feature	No
<ul> <li>is supported HMI-Standard</li> </ul>	Yes
is supported HMI-High Feature	Yes
product feature integrated bypass contact system	Yes
number of controlled phases	2

twin class	CLASS 40A / 40E (preset) / 20E; and to IEO 20047 4.0
trip class	CLASS 10A / 10E (preset) / 20E; acc. to IEC 60947-4-2
buffering time in the event of power failure	400
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	1 800 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 acc. to IEC 60947-4-2	AC-53a
reference code acc. to IEC 81346-2	Q
Substance Prohibitance (Date)	23.09.2019
product function	
<ul><li>ramp-up (soft starting)</li></ul>	Yes
<ul><li>ramp-down (soft stop)</li></ul>	Yes
Soft Torque	Yes
<ul> <li>adjustable current limitation</li> </ul>	Yes
<ul><li>pump ramp down</li></ul>	Yes
<ul> <li>intrinsic device protection</li> </ul>	Yes
<ul> <li>motor overload protection</li> </ul>	Yes; Electronic motor overload protection
<ul> <li>evaluation of thermistor motor protection</li> </ul>	No
auto-RESET	Yes
manual RESET	Yes
<ul> <li>remote reset</li> </ul>	Yes; By turning off the control supply voltage
<ul> <li>communication function</li> </ul>	Yes
<ul> <li>operating measured value display</li> </ul>	Yes; Only in conjunction with special accessories
<ul><li>error logbook</li></ul>	Yes; Only in conjunction with special accessories
<ul> <li>via software parameterizable</li> </ul>	No
<ul> <li>via software configurable</li> </ul>	Yes
PROFlenergy	Yes; in connection with the PROFINET Standard communication
	module
<ul> <li>voltage ramp</li> </ul>	Yes
torque control	No
analog output	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature HMI)
Power Electronics	
operational current	
at 40 °C rated value	171 A
• at 50 °C rated value	153 A
• at 60 °C rated value	141 A
operating voltage	
rated value	200 600 V
relative negative tolerance of the operating voltage	-15 %
relative positive tolerance of the operating voltage	10 %
relative positive tolerance of the operating voltage operating power for 3-phase motors	10 %
	10 % 45 kW
operating power for 3-phase motors	
operating power for 3-phase motors • at 230 V at 40 °C rated value	45 kW
operating power for 3-phase motors  • at 230 V at 40 °C rated value  • at 400 V at 40 °C rated value	45 kW 90 kW
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	45 kW 90 kW 110 kW
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	45 kW 90 kW 110 kW 50 Hz
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	45 kW 90 kW 110 kW 50 Hz 60 Hz -10 %
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	45 kW 90 kW 110 kW 50 Hz
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	45 kW 90 kW 110 kW 50 Hz 60 Hz -10 %

<ul> <li>at rotary coding switch on switch position 3</li> </ul>	93 A
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	99 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	105 A
at rotary coding switch on switch position 6	111 A
at rotary coding switch on switch position 7	117 A
	123 A
at rotary coding switch on switch position 8	
at rotary coding switch on switch position 9	129 A
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	135 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	141 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	147 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	153 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	159 A
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	165 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	171 A
• minimum	81 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	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	Electionic, hipping in the event of thermal overload of the motor
	AC
type of voltage of the control supply voltage	AC
control supply voltage at AC	440 250 //
• at 50 Hz	110 250 V
• at 60 Hz	110 250 V
relative negative tolerance of the control supply voltage at AC at 50 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 50 Hz	10 %
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 60 Hz	10 %
control supply voltage frequency	50 60 Hz
relative negative tolerance of the control supply voltage frequency	-10 %
relative positive tolerance of the control supply voltage frequency	10 %
control supply current in standby mode rated value	30 mA
holding current in bypass operation rated value	80 mA
locked-rotor current at close of bypass contact maximum	2.5 A
inrush current peak at application of control supply voltage maximum	12.2 A
duration of inrush current peak at application of control supply voltage	2.2 ms
design of the overvoltage protection	Varistor
design of short-circuit protection for control circuit	4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
Inputs/ Outputs	
number of digital inputs	1
number of digital outputs	3
not parameterizable	2
digital output version	2 normally-open contacts (NO) / 1 changeover contact (CO)
number of analog outputs	1
switching capacity current of the relay outputs	
2 - Francisco and Londy Company	

• at AC-15 at 250 V rated value	3 A
• 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
fastening method	screw fixing
height	198 mm
width	120 mm
depth	249 mm
required spacing with side-by-side mounting	
<ul><li>forwards</li></ul>	10 mm
<ul><li>backwards</li></ul>	0 mm
• upwards	100 mm
<ul><li>downwards</li></ul>	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	screw-type terminals
width of connection bar maximum	25 mm
type of connectable conductor cross-sections	
<ul> <li>for main contacts for box terminal using the front clamping point solid</li> </ul>	16 120 mm²
<ul> <li>for main contacts for box terminal using the front clamping point finely stranded with core end processing</li> </ul>	16 120 mm²
<ul> <li>for main contacts for box terminal using the front clamping point finely stranded without core end processing</li> </ul>	10 120 mm²
<ul> <li>for main contacts for box terminal using the front clamping point stranded</li> </ul>	16 70 mm²
<ul> <li>at AWG cables for main contacts for box terminal using the front clamping point</li> </ul>	6 250 kcmil
<ul> <li>for main contacts for box terminal using the back clamping point solid</li> </ul>	16 120 mm²
<ul> <li>at AWG cables for main contacts for box terminal using the back clamping point</li> </ul>	6 250 kcmil
<ul> <li>for main contacts for box terminal using both clamping points solid</li> </ul>	max. 1x 95 mm², 1x 120 mm²
<ul> <li>for main contacts for box terminal using both clamping points finely stranded with core end processing</li> </ul>	max. 1x 95 mm², 1x 120 mm²
<ul> <li>for main contacts for box terminal using both clamping points finely stranded without core end processing</li> </ul>	max. 1x 95 mm², 1x 120 mm²
<ul> <li>for main contacts for box terminal using both clamping points stranded</li> </ul>	max. 2x 120 mm²
<ul> <li>for main contacts for box terminal using the back clamping point finely stranded with core end processing</li> </ul>	16 120 mm²
<ul> <li>for main contacts for box terminal using the back clamping point finely stranded without core end processing</li> </ul>	10 120 mm²
for main contacts for box terminal using the back clamping point stranded	16 120 mm²
type of connectable conductor cross-sections	
<ul> <li>at AWG cables for main current circuit solid</li> </ul>	4 250 kcmil
<ul> <li>for DIN cable lug for main contacts stranded</li> </ul>	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	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)
<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
at AWG cables for control circuit solid	1x (20 12), 2x (20 14)

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	
<ul> <li>for auxiliary and control contacts with screw-type terminals</li> </ul> 0.8 1.2 N⋅m	
tightening torque [lbf·in]	
• for main contacts with screw-type terminals 89 124 lbf·in	
<ul> <li>for auxiliary and control contacts with screw-type terminals</li> <li>7 10.3 lbf·in</li> </ul>	
Ambient conditions	
installation altitude at height above sea level maximum 5 000 m; derating as of 1000 m, se	e Manual
ambient temperature	
<ul> <li>during operation</li> <li>-25 +60 °C; Please observe dera above</li> </ul>	ating at temperatures of 40 °C or
• during storage and transport -40 +80 °C	
environmental category	
<ul> <li>during operation acc. to IEC 60721</li> <li>3K6 (no ice formation, only occasio mist), 3S2 (sand must not get into the same part of the same p</li></ul>	
<ul> <li>during storage acc. to IEC 60721</li> <li>1K6 (only occasional condensation not get inside the devices), 1M4</li> </ul>	), 1C2 (no salt mist), 1S2 (sand must
• during transport acc. to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fall heig	ht 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	
of circuit breaker	
— usable for Standard Faults at 460/480 V Siemens type: 3VA5225, max. 250	
according to UL	A; Iq = 10 kA
3,1	
according to UL  — usable for High Faults at 460/480 V according  Siemens type: 3VA52, max. 250 A;	
according to UL  — usable for High Faults at 460/480 V according to UL  Siemens type: 3VA52, max. 250 A;	Iq max = 65 kA
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;  Type: Class RK5 / K5, max. 400 A;	Iq max = 65 kA Iq = 10 kA
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 Type: Class RK5 / K5, max. 400 A; according to UL  — usable for High Faults up to 575/600 V Type: Class J, max. 350 A; Iq = 100	Iq max = 65 kA Iq = 10 kA
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  Type: Class RK5 / K5, max. 400 A; Type: Class J, max. 350 A; Iq = 100 according to UL	Iq max = 65 kA Iq = 10 kA
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  Siemens type: 3VA52, max. 250 A; Type: Class RK5 / K5, max. 400 A; Type: Class J, max. 350 A; Iq = 100 perating power [hp] for 3-phase motors	Iq max = 65 kA Iq = 10 kA
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  Siemens type: 3VA52, max. 250 A; Type: Class RK5 / K5, max. 400 A; Type: Class J, max. 350 A; Iq = 100 perating power [hp] for 3-phase motors	Iq max = 65 kA Iq = 10 kA
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  50 hp	Iq max = 65 kA Iq = 10 kA
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  • at 460/480 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 460/480 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 460/480 V at 50 °C rated value	Iq max = 65 kA Iq = 10 kA
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 • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value	Iq max = 65 kA Iq = 10 kA
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  • at 460/480 V at 50 °C rated value  • at 4575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value	Iq max = 65 kA  Iq = 10 kA  0 kA
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  • 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  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value	Iq max = 65 kA  Iq = 10 kA  0 kA
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 • at 460/480 V at 50 °C rated value • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  Type: Class RK5 / K5, max. 400 A;  Type: Class J, max. 350 A; Iq = 100 hp  50 hp  • at 260/480 V at 50 °C rated value  100 hp  • at 575/600 V at 50 °C rated value  150 hp  Safety related data  protection class IP on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  ATEX	Iq max = 65 kA  Iq = 10 kA  0 kA
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  • at 575/600 V at 50 °C rated value  •	Iq max = 65 kA  Iq = 10 kA  0 kA
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  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 975/600 V at 50 °C rated value  •	Iq max = 65 kA  Iq = 10 kA  0 kA
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  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  • at 575/600 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 60/480 V at 50 °C rated value	Iq max = 65 kA  Iq = 10 kA  0 kA
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  • at 460/480 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  Type: Class RK5 / K5, max. 400 A; Iq = 100 A; Id a contact for the first state of the first sta	Iq max = 65 kA  Iq = 10 kA  0 kA
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  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  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 275/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 60/480 V at 50 °C rated value  • at 50 hp  • at	Iq max = 65 kA  Iq = 10 kA  0 kA

to ATEX

T1 value for proof test interval or service life acc. to IEC 61508 relating to ATEX

3 y

Certificates/ approvals

## **General Product Approval**

For use in hazardous locations













Declaration of Conformity

**Test Certificates** 

Marine / Shipping

other



Type Test Certificates/Test Report





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=3RW5056-6AB15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5056-6AB15

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5056-6AB15

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5056-6AB15&lang=en

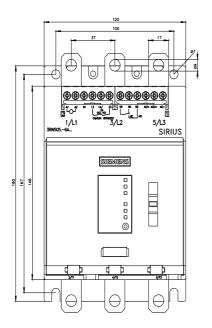
Characteristic: Tripping characteristics, I²t, Let-through current

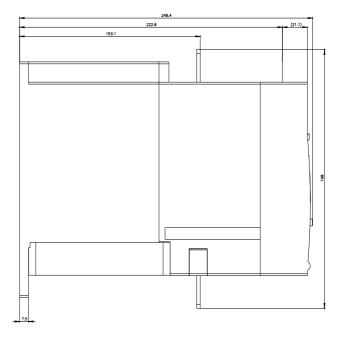
https://support.industry.siemens.com/cs/ww/en/ps/3RW5056-6AB15/char

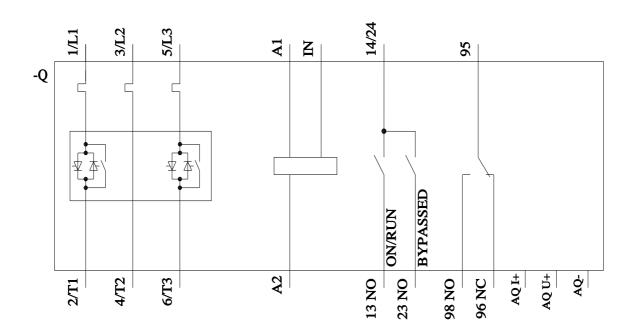
Characteristic: Installation altitude

Simulation Tool for Soft Starters (STS)

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







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