## **SIEMENS**



Data sheet 3RW5055-6AB15



SIRIUS soft starter 200-600 V 143 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>	3RW5980-0HS01
<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 227-0; 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 334 -0B; Type of coordination 2, Iq = 65 kA
<ul> <li>of line contactor usable up to 480 V</li> </ul>	<u>3RT1055</u>
<ul> <li>of line contactor usable up to 690 V</li> </ul>	<u>3RT1055</u>
General technical data	
starting voltage [%]	30 100 %
stopping voltage [%]	50 %; non-adjustable
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 according 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

	01 400 404 / 405 /
trip class	CLASS 10A / 10E ( 20E, acc. to IEC 60947-4-2
buffering time in the event of power failure	400 mg
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	000 1/
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)	09/23/2019
product function	Voc
• ramp-up (soft starting)	Yes
• ramp-down (soft stop)	Yes
Soft Torque	Yes
adjustable current limitation	Yes
pump ramp down     intrinsis dovice protection	Yes
intrinsic device protection	Yes
motor overload protection	Yes; Electronic motor overload protection
evaluation of thermistor motor protection	No 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     via potturara parameterizable	Yes; Only in conjunction with special accessories No
via software parameterizable	
via software configurable     PROFlorersy	Yes
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	
<ul> <li>at 40 °C rated value</li> </ul>	143 A
<ul> <li>at 50 °C rated value</li> </ul>	128 A
at 60 °C rated value	118 A
operating voltage	
rated value	200 600 V
relative negative tolerance of the operating voltage	-15 %
relative positive tolerance of the operating voltage	10 %
operating power for 3-phase motors	
<ul> <li>at 230 V at 40 °C rated value</li> </ul>	37 kW
<ul> <li>at 400 V at 40 °C rated value</li> </ul>	75 kW
at 500 V at 40 °C rated value	90 kW
Operating frequency 1 rated value	50 Hz
Operating frequency 2 rated value	60 Hz
relative negative tolerance of the operating frequency	-10 %
relative positive tolerance of the operating frequency	10 %
adjustable motor current	
<ul> <li>at rotary coding switch on switch position 1</li> </ul>	68 A
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	73 A

<ul> <li>at rotary coding switch on switch position 3</li> </ul>	78 A 83 A 88 A
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	83 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	88 A Julottudotty
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	93 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	98 A
<ul> <li>at rotary coding switch on switch position 8</li> </ul>	103 A
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	108 A
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	113 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	118 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	123 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	128 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	133 A
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	138 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	143 A
• minimum	68 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	00.144
• at 40 °C after startup	23 W
• at 50 °C after startup	19 W
at 60 °C after startup  power loss [W] at AC at current limitation 350 %	16 W
at 40 °C during startup	1 336 W
at 50 °C during startup      at 50 °C during startup	1 336 W
at 60 °C during startup      at 60 °C during startup	1 134 W
type of the motor protection	Electronic, tripping in the event of thermal overload of the motor
Control circuit/ Control	Electronic, tripping in the event of thermal overload of the motor
type of voltage of the control supply voltage	AC
control supply voltage at AC	AU
• at 50 Hz	110 250 V
• at 60 Hz	110 250 V
relative negative tolerance of the control supply	-15 %
voltage at AC at 50 Hz	
relative positive tolerance of the control supply voltage at AC at 50 Hz	10 %
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 60 Hz	10 %
control supply voltage frequency	50 60 Hz
relative negative tolerance of the control supply voltage frequency	-10 % -
relative positive tolerance of the control supply voltage frequency	10 %
control supply current in standby mode rated value	30 mA
holding current in bypass operation rated value	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  A A GG fuse /(cu=1 kA) 6 A quick acting fuse /(cu=1 kA) C1 ministure
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	

<ul> <li>at AC-15 at 250 V rated value</li> </ul>	3 A
at DC-13 at 24 V rated value	1A ••• •• •• •• •• •• •• •• •• •• •• •• •
Installation/ mounting/ dimensions	Julontadong
mounting position	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
<ul><li>downwards</li></ul>	75 mm
at the side	5 mm
weight without packaging	3.2 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
for main contacts for box terminal using both clamping points solid	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
<ul> <li>for main contacts for box terminal using the back clamping point stranded</li> </ul>	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)
for control circuit finely stranded with core end processing	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	800 m dientudong
<ul> <li>between soft starter and motor maximum</li> </ul>	800 m
at the digital inputs at AC maximum	1 000 m
tightening torque	
<ul> <li>for main contacts with screw-type terminals</li> </ul>	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]	
<ul> <li>for main contacts with screw-type terminals</li> </ul>	89 124 lbf·in
<ul> <li>for auxiliary and control contacts with screw-type terminals</li> </ul>	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
during storage and transport	-40 +80 °C
environmental category	
<ul> <li>during operation according to IEC 60721</li> </ul>	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6
<ul> <li>during storage according to IEC 60721</li> </ul>	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
<ul> <li>during transport according to IEC 60721</li> </ul>	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	
<ul> <li>PROFINET standard</li> </ul>	Yes
EtherNet/IP	Yes
Modbus RTU	Yes
Modbus TCP	Yes
₹ IVIOUDUS I OI	165
PROFIBUS	Yes
• PROFIBUS	
PROFIBUS  UL/CSA ratings	
PROFIBUS  UL/CSA ratings  manufacturer's article number	
PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker  — usable for Standard Faults at 460/480 V	Yes
PROFIBUS  UL/CSA ratings  manufacturer's article number      of circuit breaker	Yes
PROFIBUS  UL/CSA ratings  manufacturer's article number     • of circuit breaker     — usable for Standard Faults at 460/480 V according to UL     • of the fuse     — usable for Standard Faults up to 575/600 V	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA
PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard 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	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA
PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard 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	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA
PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard 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	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 100 kA
PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard 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	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 100 kA  40 hp
PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard 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  at 220/230 V at 50 °C rated value	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 100 kA  40 hp 40 hp
PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard 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  at 220/230 V at 50 °C rated value  at 460/480 V at 50 °C rated value	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 100 kA  40 hp 40 hp 100 hp
PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard 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  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	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 100 kA  40 hp 40 hp 100 hp
● PROFIBUS  UL/CSA ratings  manufacturer's article number  ● of circuit breaker  — usable for Standard 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  ● 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  Safety related data  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 100 kA  40 hp 40 hp 100 hp 125 hp
PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard 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  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  Safety related data  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 100 kA  40 hp 40 hp 100 hp 125 hp  IP00; IP20 with cover
● PROFIBUS  UL/CSA ratings  manufacturer's article number  ● of circuit breaker  — usable for Standard 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  ● 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  Safety related data  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX  certificate of suitability	Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 100 kA  40 hp 40 hp 100 hp 125 hp  IP00; IP20 with cover  finger-safe, for vertical contact from the front with cover
● PROFIBUS  UL/CSA ratings  manufacturer's article number  ● of circuit breaker  — usable for Standard 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  ● 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  Safety related data  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX  certificate of suitability  ● ATEX	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 100 kA  40 hp 40 hp 100 hp 125 hp  IP00; IP20 with cover  finger-safe, for vertical contact from the front with cover
PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard 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  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 60529  touch protection on the front according to IEC 60529  ATEX  certificate of suitability  ATEX  IECEX	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 100 kA  40 hp 40 hp 100 hp 125 hp  IP00; IP20 with cover  finger-safe, for vertical contact from the front with cover  Yes Yes
PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard 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  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  Safety related data  protection class IP on the front according to IEC 60529  ATEX  certificate of suitability  ATEX  IECEX  hardware fault tolerance according to IEC 61508 relating to ATEX	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 100 kA  40 hp 40 hp 100 hp 125 hp  IP00; IP20 with cover finger-safe, for vertical contact from the front with cover  Yes Yes 0
PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard 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  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  Total value  Safety related data  protection class IP on the front according to IEC 60529  ATEX  certificate of suitability  ATEX  IECEX  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 100 kA  40 hp 40 hp 100 hp 125 hp  IP00; IP20 with cover  finger-safe, for vertical contact from the front with cover  Yes Yes
PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  usable for Standard 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  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  Safety related data  protection class IP on the front according to IEC 60529  ATEX  certificate of suitability  ATEX  atex  lecex  hardware fault tolerance according to IEC 61508  relating to ATEX  PFDavg with low demand rate according to IEC 61508	Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 100 kA  40 hp 40 hp 100 hp 125 hp  IP00; IP20 with cover finger-safe, for vertical contact from the front with cover  Yes Yes O

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

3 y



Certificates/ approvals

**General Product Approval** 



Confirmation









For use in hazardous locations Declaration of Conformity

**Test Certificates** 

Marine / Shipping





Type Test Certificates/Test Report







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=3RW5055-6AB15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5055-6AB15

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5055-6AB15

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5055-6AB15&lang=en

Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RW5055-6AB15/char

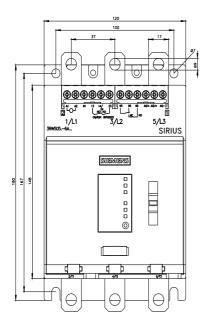
Characteristic: Installation altitude

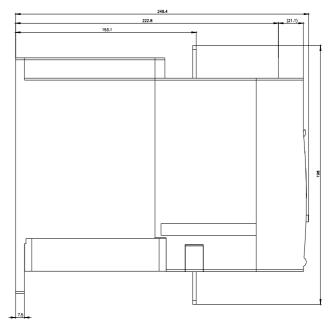
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5055-6AB15&objecttype=14&gridview=view1

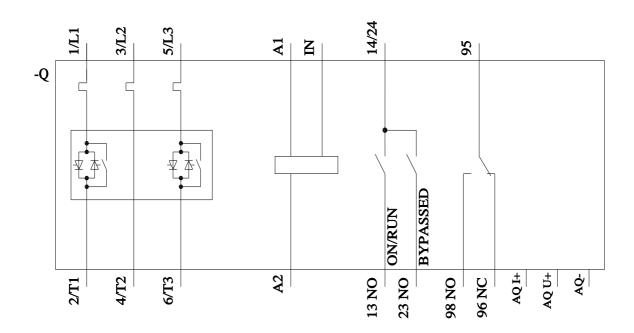
Simulation Tool for Soft Starters (STS)

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









Hotline: 0909000786 - lam@dientudong.com



last modified:

