## **SIEMENS**

Data sheet 3RW5073-6AB15

SIRIUS



SIRIUS soft starter 200-600 V 250 A, 110-250 V AC Screw terminals Analog output

Figure similar

product brand name

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>	3VA2440-7MN32-0AA0; Type of assignment 1, Iq = 65 kA
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3VA2440-7MN32-0AA0; Type of assignment 1, Iq = 65 kA
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	2x3NA3354-6; 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 331-0; 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>3RT1065</u>
<ul> <li>of line contactor usable up to 690 V</li> </ul>	<u>3RT1065</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	
<ul> <li>CE marking</li> </ul>	Yes
<ul> <li>UL approval</li> </ul>	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

trip class	CLASS 10A / 10E (preset) / 20E; acc. to IEC 60947-4-2
buffering time in the event of power failure	
for main current circuit	100 ms
for control circuit	100 ms
insulation voltage rated value	600 V
degree of pollution	3, acc. to IEC 60947-4-2
impulse voltage rated value	6 kV
blocking voltage of the thyristor maximum	1 600 V
service factor	1
surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation	
between main and auxiliary circuit	600 V
shock resistance	15 g / 11 ms, from 12 g / 11 ms with potential contact lifting
vibration resistance	15 mm to 6 Hz; 2g to 500 Hz
reference code acc. to IEC 81346-2	Q
Substance Prohibitance (Date)	23.09.2019 00:00:00
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
• remote reset	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
error logbook	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
voltage ramp	Yes
• torque control	No
analog output	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature
Daway Clastranias	HMI)
Power Electronics	
operational current  • at 40 °C rated value	250 A
at 40 °C rated value     at 50 °C rated value	250 A 220 A
at 50 °C rated value     at 60 °C rated value	220 A 200 A
	200 A
operating voltage	200 600 V
rated value  relative regative telerance of the enerating veltage.	200 600 V 15 %
relative negative tolerance of the operating voltage	10 %
relative positive tolerance of the operating voltage operating power for 3-phase motors	10 /0
at 230 V at 40 °C rated value	75 kW
at 400 V at 40 °C rated value     at 400 V at 40 °C rated value	132 kW
• at 500 V at 40 °C rated value	160 kW
Operating frequency 1 rated value	50 Hz
Operating frequency 2 rated value	60 Hz
relative negative tolerance of the operating frequency	-10 %
relative negative tolerance of the operating frequency	10 %
adjustable motor current	10 /0
at rotary coding switch on switch position 1	100 A
at rotary coding switch on switch position 1     at rotary coding switch on switch position 2	110 A
at rotary county switch on switch position 2	TIVA

<ul> <li>at rotary coding switch on switch position 3</li> </ul>	120 A
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	130 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	140 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	150 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	160 A
at rotary coding switch on switch position 8	170 A
at rotary coding switch on switch position 9	180 A
at rotary coding switch on switch position 10	190 A
at rotary coding switch on switch position 11	200 A
	210 A
at rotary coding switch on switch position 12     at rotary coding switch on switch position 12	
at rotary coding switch on switch position 13	220 A
• at rotary coding switch on switch position 14	230 A
at rotary coding switch on switch position 15	240 A
at rotary coding switch on switch position 16	250 A
• minimum	100 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	
<ul> <li>at 40 °C after startup</li> </ul>	23 W
<ul> <li>at 50 °C after startup</li> </ul>	18 W
at 60 °C after startup	15 W
power loss [W] at AC at current limitation 350 %	
<ul> <li>at 40 °C during startup</li> </ul>	2 454 W
<ul> <li>at 50 °C during startup</li> </ul>	2 043 W
at 60 °C during startup	1 786 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
control supply voltage at AC	
● 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	-10 %
voltage frequency relative positive tolerance of the control supply	10 %
voltage frequency  control supply current in standby mode rated value	30 mA
holding current in bypass operation rated value	
	105 mA
locked-rotor current at close of bypass contact maximum	2.2 A
inrush current peak at application of control supply voltage maximum	12.2 A
duration of inrush current peak at application of control supply voltage	2.2 ms
design of the overvoltage protection	Varistor
design of short-circuit protection for control circuit	4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
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 normally-open contacts (NO) / 1 changeover contact (CO)
aigital output folololl	2 normany open contacts (110) / 1 changes ver contact (00)

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	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	230 mm
width	160 mm
depth	282 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	7.3 kg
Connections/ Terminals	
type of electrical connection	
for main current circuit	busbar connection
for control circuit	screw-type terminals
width of connection bar maximum	45 mm
type of connectable conductor cross-sections	
<ul> <li>for main contacts for box terminal using the front clamping point solid</li> </ul>	95 300 mm²
<ul> <li>for main contacts for box terminal using the front clamping point finely stranded with core end processing</li> </ul>	70 240 mm²
<ul> <li>for main contacts for box terminal using the front clamping point finely stranded without core end processing</li> </ul>	70 240 mm²
for main contacts for box terminal using the front clamping point stranded	95 300 mm²
<ul> <li>at AWG cables for main contacts for box terminal using the front clamping point</li> </ul>	3/0 600 kcmil
<ul> <li>for main contacts for box terminal using the back clamping point solid</li> </ul>	120 240 mm²
<ul> <li>at AWG cables for main contacts for box terminal using the back clamping point</li> </ul>	250 500 kcmil
<ul> <li>for main contacts for box terminal using both clamping points solid</li> </ul>	min. 2x 70 mm², max. 2x 240 mm²
<ul> <li>for main contacts for box terminal using both clamping points finely stranded with core end processing</li> </ul>	min. 2x 50 mm², max. 2x 185 mm²
<ul> <li>for main contacts for box terminal using both clamping points finely stranded without core end processing</li> </ul>	min. 2x 50 mm², max. 2x 185 mm²
for main contacts for box terminal using both clamping points stranded	min. 2x 70 mm², max. 2x 240 mm²
<ul> <li>for main contacts for box terminal using the back clamping point finely stranded with core end processing</li> </ul>	120 185 mm²
<ul> <li>for main contacts for box terminal using the back clamping point finely stranded without core end processing</li> </ul>	120 185 mm²
for main contacts for box terminal using the back clamping point stranded	120 240 mm²
type of connectable conductor cross-sections	
at AWG cables for main current circuit solid	2/0 500 kcmil
<ul> <li>for DIN cable lug for main contacts stranded</li> </ul>	50 240 mm²
for DIN cable lug for main contacts finely stranded	70 240 mm²
type of connectable conductor cross-sections	

<ul> <li>for control circuit solid</li> </ul>	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)
<ul> <li>for control circuit finely stranded with core end</li> </ul>	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
processing	
at AWG cables for control circuit solid	1x (20 12), 2x (20 14)
wire length	
<ul> <li>between soft starter and motor maximum</li> </ul>	800 m
<ul> <li>at the digital inputs at AC maximum</li> </ul>	1 000 m
tightening torque	
<ul> <li>for main contacts with screw-type terminals</li> </ul>	14 24 N·m
<ul> <li>for auxiliary and control contacts with screw-type</li> </ul>	0.8 1.2 N·m
terminals	
tightening torque [lbf·in]	
<ul> <li>for main contacts with screw-type terminals</li> </ul>	124 210 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 manual
ambient temperature	
<ul> <li>during operation</li> </ul>	-25 +60 °C; Please observe derating at temperatures of 40 °C or
during storage and transport	above -40 +80 °C
during storage and transport     environmental category	- <del>-</del> -0 100 C
during operation acc. to IEC 60721	3K6 (no ice formation, only occasional condensation), 3C3 (no salt
	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
<ul><li>PROFINET standard</li><li>EtherNet/IP</li></ul>	Yes Yes
• EtherNet/IP	Yes
<ul><li>EtherNet/IP</li><li>Modbus RTU</li></ul>	Yes Yes
<ul><li>EtherNet/IP</li><li>Modbus RTU</li><li>Modbus TCP</li></ul>	Yes Yes Yes
<ul><li>EtherNet/IP</li><li>Modbus RTU</li><li>Modbus TCP</li><li>PROFIBUS</li></ul>	Yes Yes Yes
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings	Yes Yes Yes
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number	Yes Yes Yes
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker     — usable for High Faults at 460/480 V according	Yes Yes Yes Yes Yes
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker     — usable for High Faults at 460/480 V according to UL	Yes Yes Yes Yes Yes
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker     — usable for High Faults at 460/480 V according to UL     of the fuse     — usable for Standard Faults up to 575/600 V	Yes Yes Yes Yes Yes Yes Siemens type: 3VA54, max. 600 A; Iq max = 65 kA
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker         — 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	Yes Yes Yes Yes Yes Yes Yes  Siemens type: 3VA54, max. 600 A; lq max = 65 kA  Type: Class L, max. 800 A; lq = 18 kA
EtherNet/IP  Modbus RTU  Modbus TCP  PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  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	Yes Yes Yes Yes Yes Yes Yes  Siemens type: 3VA54, max. 600 A; lq max = 65 kA  Type: Class L, max. 800 A; lq = 18 kA
EtherNet/IP  Modbus RTU  Modbus TCP  PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  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	Yes Yes Yes Yes Yes  Siemens type: 3VA54, max. 600 A; lq max = 65 kA  Type: Class L, max. 800 A; lq = 18 kA  Type: Class L, max. 800 A; lq = 100 kA
EtherNet/IP  Modbus RTU  Modbus TCP  PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  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	Yes Yes Yes Yes Yes  Siemens type: 3VA54, max. 600 A; lq max = 65 kA  Type: Class L, max. 800 A; lq = 18 kA  Type: Class L, max. 800 A; lq = 100 kA
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker         — 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	Yes Yes Yes Yes Yes  Siemens type: 3VA54, max. 600 A; lq max = 65 kA  Type: Class L, max. 800 A; lq = 18 kA  Type: Class L, max. 800 A; lq = 100 kA
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker     — 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	Yes Yes Yes Yes Yes  Siemens type: 3VA54, max. 600 A; lq max = 65 kA  Type: Class L, max. 800 A; lq = 18 kA  Type: Class L, max. 800 A; lq = 100 kA
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker         — 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         at 575/600 V at 50 °C rated value	Yes Yes Yes Yes Yes  Siemens type: 3VA54, max. 600 A; lq max = 65 kA  Type: Class L, max. 800 A; lq = 18 kA  Type: Class L, max. 800 A; lq = 100 kA  60 hp 75 hp 150 hp 200 hp
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker         — 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 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  Safety related data  protection class IP on the front acc. to IEC 60529	Yes Yes Yes Yes Yes  Siemens type: 3VA54, max. 600 A; lq max = 65 kA  Type: Class L, max. 800 A; lq = 18 kA  Type: Class L, max. 800 A; lq = 100 kA  60 hp 75 hp 150 hp 200 hp
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker         — 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 Aigh 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 260/480 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	Yes Yes Yes Yes Yes  Siemens type: 3VA54, max. 600 A; Iq max = 65 kA  Type: Class L, max. 800 A; Iq = 18 kA  Type: Class L, max. 800 A; Iq = 100 kA  60 hp 75 hp 150 hp 200 hp
<ul> <li>EtherNet/IP</li> <li>Modbus RTU</li> <li>Modbus TCP</li> <li>PROFIBUS</li> <li>UL/CSA ratings</li> <li>manufacturer's article number</li> <li>of circuit breaker  — usable for High Faults at 460/480 V according to UL</li> <li>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</li> <li>operating power [hp] for 3-phase motors</li> <li>at 200/208 V at 50 °C rated value</li> <li>at 220/230 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> <li>at 575/600 V at 50 °C rated value</li> </ul>	Yes Yes Yes Yes Yes  Siemens type: 3VA54, max. 600 A; Iq max = 65 kA  Type: Class L, max. 800 A; Iq = 18 kA  Type: Class L, max. 800 A; Iq = 100 kA  60 hp 75 hp 150 hp 200 hp
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker         — 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         • 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	Yes Yes Yes Yes  Siemens type: 3VA54, max. 600 A; Iq max = 65 kA  Type: Class L, max. 800 A; Iq = 18 kA  Type: Class L, max. 800 A; Iq = 100 kA  60 hp 75 hp 150 hp 200 hp  IP00; IP20 with cover finger-safe, for vertical contact from the front with cover
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker         — 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 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  Safety related data  protection class IP on the front acc. to IEC 60529  ATEX  certificate of suitability         • ATEX	Yes Yes Yes Yes  Siemens type: 3VA54, max. 600 A; Iq max = 65 kA  Type: Class L, max. 800 A; Iq = 18 kA  Type: Class L, max. 800 A; Iq = 100 kA  60 hp 75 hp 150 hp 200 hp  IP00; IP20 with cover finger-safe, for vertical contact from the front with cover
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker     — 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     safety related data  protection class IP on the front acc. to IEC 60529  touch protection on the front acc. to IEC 60529  ATEX  certificate of suitability     ATEX     IECEx	Yes Yes Yes Yes Yes Siemens type: 3VA54, max. 600 A; Iq max = 65 kA  Type: Class L, max. 800 A; Iq = 18 kA  Type: Class L, max. 800 A; Iq = 100 kA  60 hp 75 hp 150 hp 200 hp  IP00; IP20 with cover finger-safe, for vertical contact from the front with cover  Yes Yes
EtherNet/IP     Modbus RTU     Modbus TCP     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker         — 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 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  Safety related data  protection class IP on the front acc. to IEC 60529  ATEX  certificate of suitability         • ATEX	Yes Yes Yes Yes  Siemens type: 3VA54, max. 600 A; Iq max = 65 kA  Type: Class L, max. 800 A; Iq = 18 kA  Type: Class L, max. 800 A; Iq = 100 kA  60 hp 75 hp 150 hp 200 hp  IP00; IP20 with cover finger-safe, for vertical contact from the front with cover

relating to ATEX	
PFHD with high demand rate acc. to EN 62061 relating to ATEX	0.000009 1/h
Safety Integrity Level (SIL) acc. to IEC 61508 relating to ATEX	SIL1
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** 

other

**Miscellaneous** 



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=3RW5073-6AB15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5073-6AB15

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5073-6AB15

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5073-6AB15&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

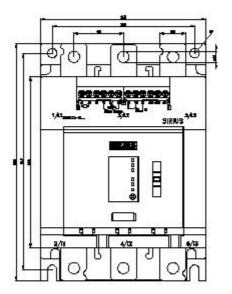
https://support.industry.siemens.com/cs/ww/en/ps/3RW5073-6AB15/char

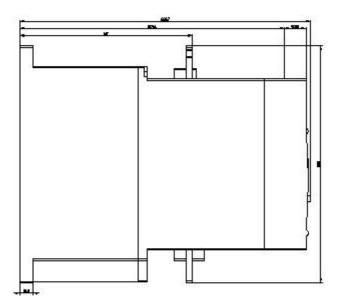
Characteristic: Installation altitude

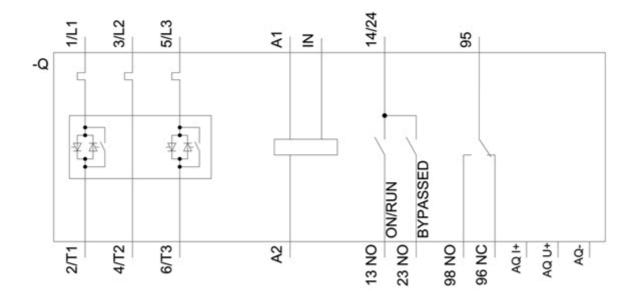
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5073-6AB15&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

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







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