## **SIEMENS**

3RW5073-2AB15 **Data sheet** 



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

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>	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 %; 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	
<ul> <li>CE marking</li> </ul>	Yes
UL approval	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
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	1 600 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
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	
• ramp-up (soft starting)	Yes
• ramp-down (soft stop)	Yes
• Soft Torque	Yes
adjustable current limitation	Yes
pump ramp down     intrinsic device protection	Yes
intrinsic device protection     meter everland protection	Yes
motor overload protection	Yes; Electronic motor overload protection
evaluation of thermistor motor protection	No V
• auto-RESET	Yes
manual RESET     remete reset	Yes
remote reset     communication function	Yes; By turning off the control supply voltage Yes
	Yes; Only in conjunction with special accessories
<ul><li>operating measured value display</li><li>error logbook</li></ul>	Yes; Only in conjunction with special accessories
via software parameterizable	No
via software parameterizable     via software configurable	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	
• at 40 °C rated value	250 A
at 50 °C rated value	220 A
at 60 °C rated value	200 A
operating voltage	200 000 V
• rated value	200 600 V
relative negative tolerance of the operating voltage	-15 %
relative positive tolerance of the operating voltage operating power for 3-phase motors	10 %
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 400 V at 40 °C rated value     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 positive tolerance of the operating frequency	10 %
adjustable motor current	
<ul> <li>at rotary coding switch on switch position 1</li> </ul>	100 A
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	110 A
at rotary coding switch on switch position 3	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
at rotary coding switch on switch position 7	160 A
at rotary coding switch on switch position 8	170 A
at rotary coding switch on switch position 9	180 A
, ,	
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	190 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	200 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	210 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	220 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	230 A
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	240 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	250 A
• minimum	100 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	23 W
at 50 °C after startup	18 W
at 60 °C after startup	15 W
power loss [W] at AC at current limitation 350 %	
• at 40 °C during startup	2 454 W
at 50 °C during startup     at 50 °C during startup	2 043 W
at 60 °C during startup  type of the mater protection	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 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	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 digital outputs	3
	2
not parameterizable  digital output varion	
digital output version	2 normally-open contacts (NO) / 1 changeover contact (CO)
number of analog outputs	1
auditables apparituation of the value actions	
switching capacity current of the relay outputs  • 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	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	spring-loaded terminals
width of connection bar maximum	35 mm; with connection cover 3RT1966-4EA1 maximum length 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
<ul> <li>for main contacts for box terminal using the front clamping point stranded</li> </ul>	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
for main contacts for box terminal using both clamping points solid	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
<ul> <li>for main contacts for box terminal using both clamping points stranded</li> </ul>	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	
<ul> <li>at AWG cables for main current circuit solid</li> </ul>	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>	2x (0.25 1.5 mm²)
<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>at AWG cables for control circuit solid</li> </ul>	2x (24 16)
<ul> <li>at AWG cables for control circuit finely stranded with</li> </ul>	2x (24 16)

core end processing	
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	14 24 N·m
for auxiliary and control contacts with screw-type	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
<ul> <li>for auxiliary and control contacts with screw-type terminals</li> </ul>	7 10.3 lbf·in
Ambient conditions	
	E 000 m; denoting as of 1000 m, ass Manual
installation altitude at height above sea level maximum ambient temperature	5 000 m; derating as of 1000 m, see Manual
•	25 ±60 °C: Please observe denoting at temperatures of 40 °C or
during operation	-25 +60 °C; Please observe derating at temperatures of 40 °C or above
<ul> <li>during storage and transport</li> </ul>	-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
<ul> <li>during transport according to IEC 60721</li> </ul>	not get inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)
EMC emitted interference	acc. to IEC 60947-4-2: Class A
Communication/ Protocol	400. to 1EO 00077 7-2. Old35 A
communication module is supported	
PROFINET standard	Yes
EtherNet/IP	Yes
Modbus RTU	Yes
Modbus TCP	Yes
♥ IVIOUDUS I OF	103
PROFIBUS	Yes
• PROFIBUS	
PROFIBUS  UL/CSA ratings	
<ul> <li>PROFIBUS</li> <li>UL/CSA ratings</li> <li>manufacturer's article number</li> <li>of circuit breaker</li> <li>usable for High Faults at 460/480 V according</li> </ul>	
PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker         — usable for High Faults at 460/480 V according to UL	Yes
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	Yes  Siemens type: 3VA54, max. 600 A; lq max = 65 kA
<ul> <li>PROFIBUS</li> <li>UL/CSA ratings</li> <li>manufacturer's article number</li> <li>of circuit breaker</li> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse</li> <li>usable for Standard Faults up to 575/600 V</li> </ul>	Yes
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	Yes  Siemens type: 3VA54, max. 600 A; lq max = 65 kA  Type: Class L, max. 800 A; lq = 18 kA
<ul> <li>PROFIBUS</li> <li>UL/CSA ratings</li> <li>manufacturer's article number</li> <li>of circuit breaker</li> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse</li> <li>usable for Standard Faults up to 575/600 V</li> </ul>	Yes  Siemens type: 3VA54, max. 600 A; Iq max = 65 kA
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  Siemens type: 3VA54, max. 600 A; lq max = 65 kA  Type: Class L, max. 800 A; lq = 18 kA
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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  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
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  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
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  at 220/230 V at 50 °C rated value	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
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  at 460/480 V at 50 °C rated value  at 460/480 V at 50 °C rated value	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
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  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  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
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<ul> <li>▶ PROFIBUS</li> <li>UL/CSA ratings</li> <li>manufacturer's article number</li> <li>• of circuit breaker</li> <li>— usable for High Faults at 460/480 V according to UL</li> <li>• of the fuse</li> <li>— usable for Standard Faults up to 575/600 V according to UL</li> <li>— 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> <li>• at 575/600 V at 50 °C rated value</li> <li>• at 575/600 V at 50 °C rated value</li> <li>• at 575/600 V at 50 °C rated value</li> </ul>	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
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  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: 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  IP00; IP20 with cover
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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  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 50529  touch protection on the front according to IEC 60529  ATEX  certificate of suitability  ATEX	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
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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  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	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
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  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  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	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
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  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	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 O
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  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  IECEX  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to EN 62061	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 O
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  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  Afety 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	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 0 0.09

relating to ATEX

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

3 y

Certificates/ approvals

## **General Product Approval**

For use in hazardous locations



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=3RW5073-2AB15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5073-2AB15

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5073-2AB15

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5073-2AB15&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

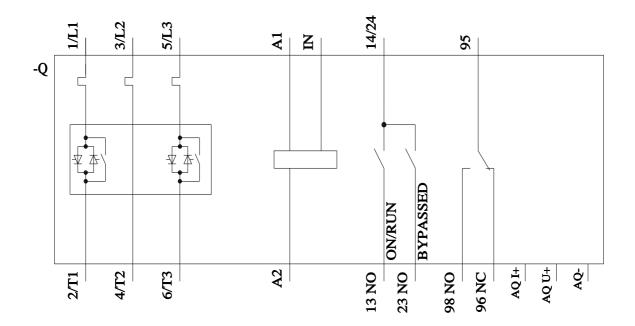
https://support.industry.siemens.com/cs/ww/en/ps/3RW5073-2AB15/char

Characteristic: Installation altitude

 $\underline{\text{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5073-2AB15\&objecttype=14\&gridview=view1}$ 

Simulation Tool for Soft Starters (STS)

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



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