# **SIEMENS**

3RW5073-2TB15 **Data sheet** 



SIRIUS soft starter 200-600 V 250 A, 110-250 V AC Spring-loaded terminals Thermistor input

Figure similar

product brand name	SIRIUS
product category	Hybrid switching devices
product designation	Soft starter
product type designation	3RW50
manufacturer's article number	Citivo
of standard HMI module usable	3RW5980-0HS01
of high feature HMI module usable	3RW5980-0HF00
of communication module PROFINET standard usable	3RW5980-0CS00
of communication module PROFIBUS usable	3RW5980-0CP00
of communication module Modbus TCP usable	3RW5980-0CT00
of communication module Modbus RTU usable	3RW5980-0CR00
of communication module Ethernet/IP	3RW5980-0CE00
of circuit breaker usable at 400 V	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
of the gG fuse usable up to 690 V	2x3NA3354-6; Type of coordination 1, Iq = 65 kA
of full range R fuse link for semiconductor protection usable up to 690 V	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>
Seneral 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 %
certificate of suitability	
CE marking	Yes
<ul> <li>UL approval</li> </ul>	Yes
CSA approval	Yes
product component	
HMI-High Feature	No
• is supported HMI-Standard	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	
for main current circuit	100 ms

a for control airquit	100 mg		
• 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 protective separation	00014		
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 Q		
reference code according to IEC 81346-2			
Substance Prohibitance (Date)	09/23/2019		
product function	Von		
• ramp-up (soft starting)	Yes		
• ramp-down (soft stop) • Soft Torque	Yes Yes		
Soft Torque     adjustable current limitation	Yes		
adjustable current limitation	Yes		
pump ramp down     intrincia device protection	Yes		
intrinsic device protection     motor overload protection			
motor overload protection	Yes; Full motor protection (thermistor motor protection and electronic motor overload protection)		
evaluation of thermistor motor protection	Yes; Type A PTC or Klixon / Thermoclick		
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 aeftware parameterizable	Yes; Only in conjunction with special accessories		
via software parameterizable	No Yea		
• via software configurable	Yes		
<ul><li>PROFlenergy</li><li>voltage ramp</li></ul>	Yes; in connection with the PROFINET Standard communication module Yes		
torque control	No		
analog output	No		
Power Electronics	110		
operational current			
•	250 A		
<ul> <li>at 40 °C rated value</li> <li>at 50 °C rated value</li> </ul>	250 A 220 A		
at 50 °C rated value     at 60 °C rated value	220 A 200 A		
operating voltage	200 A		
rated value	200 600 V		
relative negative tolerance of the operating voltage	-15 %		
relative negative tolerance of the operating voltage	10 %		
operating power for 3-phase motors			
at 230 V at 40 °C rated value	75 kW		
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 positive tolerance of the operating frequency	10 %		
adjustable motor current			
at rotary coding switch on switch position 1	100 A		
at rotary coding switch on switch position 2	110 A		
at rotary coding switch on switch position 3	120 A		
at rotary coding switch on switch position 4	130 A		
at rotary coding switch on switch position 5	140 A		
at rotary coding switch on switch position 6	150 A		
at rotary coding switch on switch position 7	160 A		
,			

<ul> <li>at rotary coding switch on switch position 8</li> </ul>	170 A	
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	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	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 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	
inrush current by closing the bypass contacts 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	
not parameterizable	2	
digital output version	2 normally-open contacts (NO) / 1 changeover contact (CO)	
number of analog outputs	0	
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	

donth	202 mm		
depth  required specing with side by side mounting	282 mm		
required spacing with side-by-side mounting  • forwards	10 mm		
backwards     typyrada	0 mm		
• upwards	100 mm		
• downwards	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		
wire length for thermistor connection			
with conductor cross-section = 0.5 mm² maximum	50 m		
with conductor cross-section = 1.5 mm² maximum	150 m		
with conductor cross-section = 2.5 mm² maximum	250 m		
type of connectable conductor cross-sections			
for main contacts for box terminal using the front clamping point solid	95 300 mm <sup>2</sup>		
for main contacts for box terminal using the front clamping point finely stranded with core end processing	70 240 mm <sup>2</sup>		
for main contacts for box terminal using the front clamping point finely stranded without core end processing	70 240 mm²		
for main contacts for box terminal using the front clamping point stranded      for main contacts for box terminal using the book.	95 300 mm <sup>2</sup>		
for main contacts for box terminal using the back clamping point solid	120 240 mm²		
for AWG cables for main contacts for box terminal using the back clamping point	250 500 kcmil		
for main contacts for box terminal using both clamping points solid      for main contacts for box terminal using both clamping.	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> <li>for main contacts for box terminal using both clamping</li> </ul>	min. 2x 50 mm², max. 2x 185 mm²		
points finely stranded without core end processing  • for main contacts for box terminal using both clamping	min. 2x 50 mm², max. 2x 185 mm² min. 2x 70 mm², max. 2x 240 mm²		
points stranded  • for main contacts for box terminal using both clamping points stranded	120 185 mm <sup>2</sup>		
clamping point finely stranded with core end processing  • for main contacts for box terminal using the back	120 185 mm <sup>2</sup>		
clamping point finely stranded without core end processing  • for main contacts for box terminal using the back	120 240 mm <sup>2</sup>		
clamping point stranded  type of connectable conductor cross-sections	120 240 111111		
for AWG cables for main current circuit solid	2/0 500 kcmil		
	50 240 mm <sup>2</sup>		
for DIN cable lug for main contacts stranded     for DIN cable lug for main contacts finely stranded	70 240 mm²		
for DIN cable lug for main contacts finely stranded  type of connectable conductor cross sections.	70 240 IIIII		
type of connectable conductor cross-sections	2v (0.25 1.5 mm²)		
for control circuit solid     for control circuit finely stranded with core end processing.	2x (0.25 1.5 mm²)		
for control circuit finely stranded with core end processing     for AWC cables for control circuit colid.	2x (0.25 1.5 mm²)		
<ul> <li>for AWG cables for control circuit solid</li> <li>for AWG cables for control circuit finely stranded with core end processing</li> </ul>	2x (24 16) 2x (24 16)		
wire length			
between soft starter and motor maximum	800 m		
at the digital inputs at AC maximum	1 000 m		
tightening torque			
for main contacts with screw-type terminals	14 24 N·m		
for auxiliary and control contacts with screw-type terminals	0.8 1.2 N·m		
tightening torque [lbf·in]			
for main contacts with screw-type terminals	124 210 lbf·in		
for auxiliary and control contacts with screw-type	7 10.3 lbf·in		
terminals			

amblent temperature  • during operation  • during operation  • during operation  • during operation  • during operation according to IEC 60721  • during storage according to IEC 60721  • during storage according to IEC 60721  • during transport according to IEC 60721  • EMC emitted interference  • acc. to IEC 60947-4-2: Class A   **BEMC NET standard  • PROFINET standard  • PROFINET standard  • PROFINET standard  • PROFINED  • Modous TrU  • Modous TrU  • Modous TrU  • Ses  • PROFINED  • P	ambient conditions	5000   1   1   1   1   1   1   1   1   1		
during operation     during storage and transport     during storage and transport     during storage and transport     during operation according to IEC 60721     during operation according to IEC 60721     during storage according to IEC 60721     during storage according to IEC 60721     during storage according to IEC 60721     during transport according to IEC 60722     during transport according to IEC 60722     during transport according to IEC 60723     during transport according to IEC 60729     during transport according to IEC 6	installation altitude at height above sea level maximum	5 000 m; derating as of 1000 m, see Manual		
- during storage and transport - during storage and transport - during operation according to IEC 60721 - during operation according to IEC 60721 - during storage according to IEC 60721 - during transport according to IEC 60721 - during transport according to IEC 60721 - 2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m) - during transport according to IEC 60721 - EMC emitted interference - decrease according to IEC 60721 - PROFINET standard - PROFINET standard - PROFINET standard - PROFINET standard - PROFINED - Wes - Usable for High Faults at 460/480 V according to UL - of the fuse - Usable for High Faults up to 575/600 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	ambient temperature			
environmental category  • during operation according to IEC 60721  • during storage according to IEC 60721  • during storage according to IEC 60721  • during storage according to IEC 60721  • during transport according to IEC 60721  • PROFINET standard  • PROFINET stan	<ul> <li>during operation</li> </ul>	-25 +60 °C; Please observe derating at temperatures of 40 °C or above		
• during operation according to IEC 60721     • during storage according to IEC 60721     • during storage according to IEC 60721     • during transport according to IEC 60721     • Z. Z. C. 1. S.1. X. X. (max. fall height 0.3 m)     • acc. to IEC 60947–4-2: Class A  ### Communication module is supported  PROFINET standard  PROFINET standard  PROFINET standard  PROFIGUS  PROFIGUS  PROFIGUS  PROFIGUS  PROFIGUS  PROFIGUS  PROFIGUS  PROFIGUS  Proficus	during storage and transport	-40 +80 °C		
(sand must not get into the devices), 3M6  • during storage according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  2K2, 2C1, 2S1, 2M2 (max. fall hei	environmental category			
eduring transport according to IEC 60721  EMC emitted interference  acc. to IEC 60947-4-2; Class A  communication/ Protocol  communication/ module is supported  PROFINET standard  Profice standard	<ul> <li>during operation according to IEC 60721</li> </ul>			
EMC emitted interference  acc. to IEC 60947-4-2: Class A  minumication/ Protocol  PROFINET standard  PROFINET standard  PROFINET standard  PROFINET standard  PROFINES  Modbus RTU  Modbus TCP PROFIBUS  PROFI	<ul> <li>during storage according to IEC 60721</li> </ul>			
communication module is supported  PROFINET standard  PROFIST standard  PROFIST standard  PROFIGUS  Modbus RTU  PROFIBUS  Ves  PROFIBUS  Ves  PROFIBUS  Ves  Ves  Ves  Ves  Ves  Ves  Ves  Ve	<ul> <li>during transport according to IEC 60721</li> </ul>	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)		
emmunication module is supported  PROFINET standard  PROFINET standard  Profile EtherNel/P  Modubus RTU  PROFIBUS  P	EMC emitted interference	acc. to IEC 60947-4-2: Class A		
PROFINET standard EtherNet/IP Yes Modbus RTU Yes Modbus TCP PROFIBUS Yes  UCSA 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 High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL  Operating power [hp] for 3-phase motors  at 200/200 V at 50 °C rated value 60 hp at 220/230 V at 50 °C rated value 150 hp at 460/480 V at 50 °C rated value 200 hp offety related data protection class IP on the front according to IEC 60529 IPO0; IP20 with cover touch protection on the front according to IEC 60529 IPO0; IP20 with cover touch protection on the front according to IEC 60529 IPO0; IP20 with cover touch protection on the front according to IEC 61508 relating to ATEX Yes  UKEX  PFID with high demand rate according to IEC 61508 relating to ATEX  TV value for proof test interval or service life according to IEC 61508 relating to ATEX  TV value for proof test interval or service life according to IEC 61508 relating to ATEX  TV value for proof test interval or service life according to IEC 61508 relating to ATEX  PTO 1 value for proof test interval or service life according to IEC 61508 relating to ATEX  PTO 1 value for proof test interval or service life according to IEC 61508 relating to ATEX  PTO 1 value for proof test interval or service life according to IEC 61508 relating to ATEX  PTO 1 value for proof test interval or service life according to IEC 61508 relating to ATEX	ommunication/ Protocol			
EtherNet/IP Modbus RTU Modbus RTU Modbus RTU Modbus TCP PROFIBUS Yes PROFIBUS Yes  Wes  Wes  Wes  Wes  Wes  Wes  Wes	communication module is supported			
Modbus RTU Modbus TCP PROFIBUS PROFIBUS  Ves PROFIBUS   **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 UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for Tandard Faults up to 575/600 V according to UL — usable for Tandard 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 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 IEC 60529  **Operating power [hp] for 3-phase motors  • at 200/208 V at 50 °C rated value  • at 450/408 V at 50 °C rated value  • at 450/408 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  • at 575/600 V at 50 °C rated value  • at	PROFINET standard	Yes		
Nodbus TCP     PROFIBUS     Yes  Ves  Ves  Ves  Ves  Ves  Ves  Ves	EtherNet/IP	Yes		
PROFIBUS  PROFIBUS  Wes  Washington  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 High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — 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  Type: Class L, max. 800 A; Iq = 100 kA	Modbus RTU			
PROFIBUS  PROFIBUS  Wes  Washington  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 High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — 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  Type: Class L, max. 800 A; Iq = 100 kA	Modbus TCP	Yes		
### Proceedings  #### Proceedings  ###################################		Yes		
of circuit breaker	L/CSA ratings			
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 Standard Faults up to 575/600 V         according to UL         — usable for Fligh Faults up to 575/600 V according to UL         — usable for Fligh Faults up to 575/600 V according to UL         — usable for Fligh Faults up to 575/600 V according to UL         — usable for Fligh Faults up to 575/600 V according to UL         — usable for Fligh Faults up to 575/600 V according to UL         — usable for Fligh Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to IEC 605 Paults up to 100 kA         — usable for Standard Faults up to 575/600 V according to IEC 60529         [P00; IP20 with cover finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover finger-sa				
- 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  -				
of the fuse  — usable for Standard Faults up to 575/600 V according to U.  — usable for High Faults up to 575/600 V according to 150		Signature: $3V\Delta 54$ may $600 \Delta \cdot \log may = 65 k\Delta$		
Type: Class L, max. 800 A; Iq = 18 kA  Type: Class L, max. 800 A; Iq = 100 kA  Type: C	-	Siemens type. 37734, max. 600 A, iq max – 63 kA		
— usable for High Faults up to 575/600 V according to UL  Type: Class L, max. 800 A; Iq = 100 kA  Deparating 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 660/480 V at 50 °C rated value  • at 675/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 675/600 V at 50 °C rated value  • ordection class IP on the front according to IEC 60529  Touch protection on the front according to IEC 60529  Text  Description of the front according to IEC 60529  Text  Description of the front according to IEC 60529  Text  Description of the front according to IEC 60529  Type: Class L, max. 800 A; Iq = 100 kA  The provided value  60 hp  150 hp  150 hp  160 hp  175 hp  160 hp  175	— usable for Standard Faults up to 575/600 V	Type: Class L, max. 800 A; Iq = 18 kA		
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 brotection class IP on the front according to IEC 60529 couch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover  at EEC vertificate of suitability  ATEX BECEX	— usable for High Faults up to 575/600 V according to	Type: Class L, max. 800 A; Iq = 100 kA		
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 brotection class IP on the front according to IEC 60529 couch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front with cover finger-safe, for vertical contact from the front with cover  at EEC vertificate of suitability  ATEX BECEX	operating power [hp] for 3-phase motors			
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• at 575/600 V at 50 °C rated value  afety related data  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  finger-safe, for vertical contact from the front with cover  finger-safe, for vertical contact from the front	<ul> <li>at 460/480 V at 50 °C rated value</li> </ul>			
protection class IP on the front according to IEC 60529 IP00; IP20 with cover finger-safe, for vertical contact from the front		·		
protection class IP on the front according to IEC 60529   IP00; IP20 with cover   touch protection on the front according to IEC 60529   finger-safe, for vertical contact from the front with cover    TEX				
touch protection on the front according to IEC 60529  finger-safe, for vertical contact from the front with cover  fex  certificate of suitability  • ATEX  • IECEX  • UKEX  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508  relating to ATEX  PFHD with high demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  TI value for proof test interval or service life according to IEC 61508 relating to ATEX  PIT value for proof test interval or service life according to IEC 61508 relating to ATEX  PIT value for proof test interval or service life according to IEC 61508 relating to ATEX  PIT value for proof test interval or service life according to IEC 61508 relating to ATEX  PIT value for proof test interval or service life according to IEC 61508 relating to ATEX  PIT value for proof test interval or service life according to IEC 61508 relating to ATEX  PIT value for proof test interval or service life according to IEC 61508 relating to ATEX  PIT value for proof test interval or service life according to IEC 61508 relating to ATEX  PIT value for proof test interval or service life according to IEC 61508 relating to ATEX		IP00: IP20 with cover		
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PFDavg with low demand rate according to IEC 61508  PFHD with high demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life according to IEC 61508 relating to ATEX  PFINITE ACCORDING TO SERVICE INTERVAL  T2 value for proof test interval or service life according to IEC 61508 relating to ATEX  PET USE IN PAZZET				
relating to ATEX  PFHD with high demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life according to IEC 61508 relating to ATEX  ertificates/ approvals  For use in hazard	ATEX	0		
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to ATEX  T1 value for proof test interval or service life according to 3 a IEC 61508 relating to ATEX ertificates/ approvals  For use in hazard	PFHD with high demand rate according to EN 62061 relating to ATEX	9E-6 1/h		
IEC 61508 relating to ATEX ertificates/ approvals  For use in hazard	Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX	SIL1		
For use in hazard	T1 value for proof test interval or service life according to IEC 61508 relating to ATEX	3 a		
For use in hazard	ertificates/ approvals			
			For use in hazard-	





Confirmation







For use in hazardous locations Declaration of Conformity Test Certificates Marine / Shipping



Explosion Protection Certificate





Type Test Certificates/Test Report



Marine / Shipping

other





Confirmation

#### **Further information**

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

### Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

#### Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3RW5073-2TB15

#### Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5073-2TB15

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5073-2TB15

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5073-2TB15&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

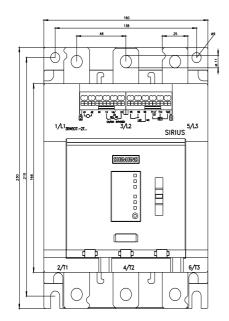
https://support.industry.siemens.com/cs/ww/en/ps/3RW5073-2TB15/char

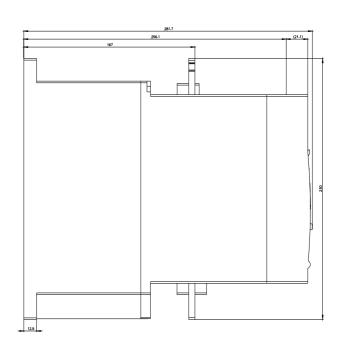
Characteristic: Installation altitude

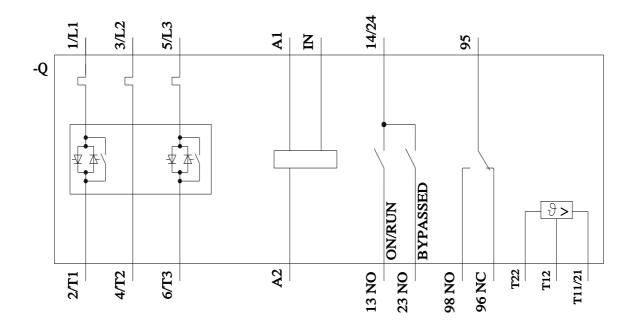
 $\underline{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5073-2TB15\&objecttype=14\&gridview=view1}$ 

Simulation Tool for Soft Starters (STS)

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







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