## SIEMENS

## Data sheet

## 3RW5073-2AB15



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

Figure	similar
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product brand name	SIRIUS		
product category	Hybrid switching devices		
product designation	Soft starter		
product type designation	3RW50		
manufacturer's article number			
<ul> <li>of standard HMI module usable</li> </ul>	<u>3RW5980-0HS01</u>		
<ul> <li>of high feature HMI module usable</li> </ul>	<u>3RW5980-0HF00</u>		
<ul> <li>of communication module PROFINET standard usable</li> </ul>	<u>3RW5980-0CS00</u>		
<ul> <li>of communication module PROFIBUS usable</li> </ul>	<u>3RW5980-0CP00</u>		
<ul> <li>of communication module Modbus TCP usable</li> </ul>	<u>3RW5980-0CT00</u>		
<ul> <li>of communication module Modbus RTU usable</li> </ul>	<u>3RW5980-0CR00</u>		
<ul> <li>of communication module Ethernet/IP</li> </ul>	<u>3RW5980-0CE00</u>		
<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>	<u>3VA2440-7MN32-0AA0; Type of assignment 1, Iq = 65 kA</u>		
<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>	<u>3NE1 331-0; Type of coordination 2, Iq = 65 kA</u>		
<ul> <li>of back-up R fuse link for semiconductor protection usable up to 690 V</li> </ul>	<u>3NE3 335; Type of coordination 2, Iq = 65 kA</u>		
<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 50 %		
start-up ramp time of soft starter	0 20 s		
ramp-down time of soft starter	0 20 s		
current limiting value [%] adjustable	130 700 %		
accuracy class acc. to IEC 61557-12	5 %		
certificate of suitability			
• CE marking	Yes		
UL approval	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	CLASS 1047 102 (presel) / 202, acc. 10 120 00347-4-2
for main current circuit	100 ms
for control circuit	100 ms
	600 V
insulation voltage rated value	
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	
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
<ul> <li>voltage ramp</li> </ul>	Yes
torque control	No
<ul> <li>analog output</li> </ul>	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	
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	
• 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
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	110 A

<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
<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 11</li> <li>at rotary coding switch on switch position 12</li> </ul>	210 A
<ul> <li>at rotary coding switch on switch position 12</li> <li>at rotary coding switch on switch position 13</li> </ul>	220 A
	230 A
at rotary coding switch on switch position 14	
at rotary coding switch on switch position 15	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 %	
<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 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 inputs for thermistor connection	0
number of digital outputs	3
<ul> <li>number of digital outputs</li> <li>not parameterizable</li> </ul>	3 2

number of englage sufficients	-
number of analog outputs	1
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
backwards	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	45 mm
type of connectable conductor cross-sections	43 1111
for main contacts for box terminal using the front clamping point solid	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
• for main contacts for box terminal using the back clamping point solid	120 240 mm <sup>2</sup>
at AWG cables for main contacts for box terminal using the back clamping point	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
<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
<ul> <li>for main contacts for box terminal using the back clamping point stranded</li> </ul>	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
<ul> <li>for DIN cable lug for main contacts finely stranded</li> </ul>	70 240 mm²

processing       et AVMS cables for control circuit finally stranded with core end processing       2x (24 16)         at AVMS cables for control circuit finally stranded with core end processing       2x (24 16)         at the digital inputs at AC maximum       900 m         • Id the digital inputs at AC maximum       1000 m         • Id main contracts with screw-type terminals       14 24 N-m         • If or auxiliary and control contacts with screw-type terminals       124 210 Ibf in         • If or auxiliary and control contacts with screw-type terminals       124 210 Ibf in         • If or auxiliary and control contacts with screw-type terminals       5000 m; Derating as of 1000 m, see manual         ambient temperature       4 24 N-m         • during operation as to IEC 60721       5000 m; Derating as of 1000 m, see manual         ambient temperatures of 40 °C or above       40 °C         • during storage and caso to IEC 60721       242; 22, 122 (202; 201; 224 (203; 201; 203; 201; 203; 201; 203; 201; 203; 201; 203; 201; 203; 203; 203; 203; 203; 203; 203; 203	<ul> <li>for control circuit solid</li> </ul>	2x (0.25 1.5 mm²)		
• at AVKG cables for control circuit fieldy stranded with core and processing       2x (24 16)         • detween soft stater and motor maximum • at the digital inputs at AC maximum       800 m         • at the digital inputs at AC maximum       1000 m         • dightening forque       14 24 N-m         • for main contacts with screw-type terminals • for main contacts with screw-type terminals       0.8 12 N m         • for main contacts with screw-type terminals • for main contacts with screw-type terminals       7 10.3 Defin         • for main contacts with screw-type terminals • for main contacts with screw-type terminals       7 10.3 Defin         • for main contacts with screw-type terminals • for auxility and control contacts with screw-type terminals       5.000 m; Derating as of 1000 m, see manual         • during storage and transport       -40+80 °C         • during storage acc. to IEC 60721       9.25;+60 °C; Hease observe derating at temperatures of 40 °C or above         • during storage acc. to IEC 60721       9.26; (end main and get into the devices, 3.46         • during storage acc. to IEC 60721       9.26; (end main and get into the devices, 3.46         • during storage acc. to IEC 60721       9.26; (end main and get into the devices, 3.46         • during torage that the devices, 3.46       145; (only cossional condensation, 132 (no salt math, 152 (no salt maint, 152 (sand must not get indic the devices, 3.46         • during storage acc. to IEC 60721 <td></td> <td>2x (0.25 1.5 mm²)</td>		2x (0.25 1.5 mm²)		
• at AWG cables for control circuit finely stranded with core end processing       2x (24 16)         • derive en soft stater and motor maximum       900 m         • at the digital inputs at AC maximum       1000 m         • for main contacts with screw-type terminals       10.00 m         • for auxiliary and control contacts with screw-type terminals       14 24 N m         • for auxiliary and control contacts with screw-type terminals       124 210 Ibf in         • for auxiliary and control contacts with screw-type terminals       5000 m; Derating as of 1000 m, see manual         • for auxiliary and control contacts with screw-type terminals       5000 m; Derating as of 1000 m, see manual         • during storage and transport       -0 +80 °C				
core end processing         400 m           • elithe digital inputs al AC maximum         1000 m           • elithe digital inputs al AC maximum         1000 m           • for main contacts with screw-type terminals         1424 N m           • for main contacts with screw-type terminals         0.81.2 N m           • for main contacts with screw-type terminals         70.3 lbf:in           • for main contacts with screw-type terminals         70.1 lbf:in           • for main contacts with screw-type terminals         70.1 lbf:in           • for main contacts with screw-type terminals         70.1 lbf:in           • for main contacts with screw-type terminals         70.1 lbf:in           • for main contacts with screw-type terminals         70.1 lbf:in           • for main contacts with screw-type terminals         70.1 lbf:in           • during spenston         -25 +60 °C; Please observe derating at temperatures of 40 °C or above           • during spenston         -25 +60 °C; Please observe derating at temperatures of 40 °C or above           • during spenston         -26 (C0721           • during spenston acc. to IEC 60721         2K2 (C1, 251, 251, 202 (marks, fall height 0		2x (24 16)		
wire length       600 m         • at the digital inputs at AC maximum       1000 m         fightening torque       1000 m         • for main critacts with screw-type terminals       1424 N m         • for auxilary and control contacts with screw-type terminals       1424 N m         • for auxilary and control contacts with screw-type terminals       124210 br/in         • for auxilary and control contacts with screw-type terminals       124210 br/in         • for auxilary and control contacts with screw-type terminals       5.000 m, Derating as of 1000 m, see manual         - during storage and transport       -40+80 °C.         • during storage act. to IEC 60721       -40+80 °C         • during storage act. to IEC 60721       -325 (and mating at into the devices). 346         • during storage act. to IEC 60721       245+80 °C (and must not get into the devices). 346         • during transport act. to IEC 60721       245+80 °C         • during transport act. to IEC 60721       245+80 °C         • during transport act. to IEC 60721       246+80 °C         • BordNet/IP F standard       Yes         • Modus TCP       Yes         • BundNet/IP F standard       Yes         • Modus TCP       Yes         • Of the flap       Yes         • of the flap		2x (24 16)		
ebelween soft starter and motor maximum     end the digital inputs at AC maximum     1000 m      fightening torque     end for main contacts with screw-type terminals     end for main contacts with screw-type     terminals     for auxiling and control contacts with screw-type     terminals     amblent temperature         - (auxing genature         - (auxing genature         - (auxing genature         - (auxing genature         - (auxing genature)         - (auxing framework         - (auxing f				
• at the digital inputs at AC maximum     1 000 m       fightening torque     • for main contacts with screw-type terminals     14 24 N m       • for auxilary and control contacts with screw-type terminals     0.8 1.2 N m       fightening torque [IbFin]     • for data control contacts with screw-type terminals     124 210 IbF in       • for data control contacts with screw-type terminals     124 210 IbF in       • for data control contacts with screw-type terminals     5 000 m. Derating as of 1000 m, see manual       ambient termerature     • during operation       • during storage and transport     -40 +80 °C       • during storage acc. to IEC 60721     3K6 (no loce formation, only occasional condensation), 3C3 (no salt most not get into the devices), 3M6       • during transport acc. to IEC 60721     2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m) acc. to IEC 60971       • during transport acc. to IEC 60721     2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m) acc. to IEC 609721       • Modobus RTU     Yes       • IdCSA ratings     Type: Class L,	-	222		
tightening torque       • for main contacts with screw-type terminals       14 24 N m         • for main contacts with screw-type terminals       0.8 1.2 N m         • for main contacts with screw-type terminals       0.8 1.2 N m         • for main contacts with screw-type terminals       124 210 Ibf in         • for main contacts with screw-type       7 10.3 Ibf in         • for main contacts with screw-type       7 10.3 Ibf in         • for main contacts with screw-type       7 10.3 Ibf in         • for main contacts with screw-type       7 10.3 Ibf in         • for main contacts with screw-type       7 10.3 Ibf in         • for main contacts with screw-type       7 10.3 Ibf in         • for main contacts with screw-type       7 10.3 Ibf in         • for main contacts with screw-type       7 10.3 Ibf in         • for main contacts with screw-type       7 +80 °C; Please observe derating at temperatures of 40 °C or above         • during storage act. to IEC 60721       40 +80 °C; Please observe derating at temperatures of 40 °C or above         • during storage act. to IEC 60721       46 (no loc formation, only occasional condensation), 303 (no sait mist), 322 (sand must not get inic the devices), 3046         • ENC emitted interference       acto IEC 60971 · 400 °C; Please doc contents in the screw-type intervers article number       Yes         • of cincult brok				
• for main contacts with screw-type terminals       1424 N/m         • for auxiliary and control contacts with screw-type terminals       0.812 N/m         • for auxiliary and control contacts with screw-type terminals       12424 N/m         • for auxiliary and control contacts with screw-type terminals       12424 N/m         • for auxiliary and control contacts with screw-type terminals       12424 N/m         Ambient terminals       5 000 m; Derating as of 1000 m, see manual         ambient temperature       - during storage and transport       -40 +80 °C         • during storage and transport       -40 +80 °C         • during storage and transport       -40 +80 °C         • during storage acc. to IEC 60721       24K (no loc formation, only occasional condensation), 162 (no sait mist), 152 (sand must not get inside the devices), 1340         • during storage acc. to IEC 60721       24K (no loc formation contensation), 162 (no sait mist), 152 (sand must not get inside the devices), 144         • during transport acc. to IEC 60721       24K (no loc formation dovices), 144         • during transport acc. to IEC 60721       24K (no loc formation dovices), 152 (no sait mist), 152 (sand must not get inside the devices), 1340         • during transport acc. to IEC 60721       24K (no loc formation dovices), 144 (no an)         • emittering       • during transport acc. to IEC 60721       24K (no loc formation dovices), 144 (no an)		1 000 m		
tor auxiliary and control contacts with screw-type     terminals     idiptioning torque [IbF1n]     i for main contacts with screw-type     terminals     for main contacts with screw-type     terminals     for auxiliary and control contacts with screw-type     for main contacts     for auxiliary and control contacts with screw-type     for auxiliary and control contacts     for auxiliary and control contacts     for auxiliary and control control control control contact for auxiliary     for auxiliary and control contacts     for auxiliary and control contact and transport     for auxiliary and control contact for auxiliary     for auxiliary auxiliary and control contact for auxiliary     for auxiliary and control contact fore auxiliary     fore direct i				
terminals         124 210 lbf:in           installation at contacts with screw-type terminals         5 000 m; Derating as of 1000 m, see manual           Antibiant conditions         5 000 m; Derating as of 1000 m, see manual           installation at height above sea level maximum         5 000 m; Derating as of 1000 m, see manual           ambient temperature         - 40 +80 °C           environmental category         - 40 +80 °C           environmulation protein devices, 1.MA         - 40 +80 °C           communication module is supported         - 50				
tightening torque (lbf-in)       124 210 lbf-in         • for axiliary and control control controls with screw-type terminals       124 210 lbf-in         Anblant conditions       5 000 m; Derating as of 1000 m, see manual         ambient temperature       6 uoring storage and transport       -40 +80 °C         environmental category       -40 +80 °C         • during storage act, to IEC 60721       3K6 (no loc formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6         • during storage act, to IEC 60721       3K6 (no loc formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6         • during storage act, to IEC 60721       2K2, 2C1, 2S1, 2M2 (max, fail height 0.3 m)         EMC emitted interference       acc. to IEC 60721         EMC emitted interference       acc. to IEC 60721         Ves       Yes         • Modbus TCP       Yes         • Modbus TCP       Yes         • Of ticult breaker       -usable for High Faults at 460/480 V according to UL         - usable for High Faults at 460/480 V according to UL       Siemens type: 3VA54, max, 600 A; Iq max = 65 kA         • of the fuse       -usable for High Faults up to 575/600 V according to UL         - usable for High Faults up to 575/600 V according to UL       Go hp         • at 200/208 V at 50 °C rated value	5	0.8 1.2 N·m		
• for name contacts with screw-type terminals       124 210 bF in         • tor auxiliary and control contracts with screw-type terminals       7 10.3 lbf in         Ambient conditions       5.000 m; Derating as of 1000 m, see manual         installation atilitude at height above see level maximum       5.000 m; Derating as of 1000 m, see manual         ambient temperature       -25+60 °C; Please observe derating at temperatures of 40 °C or above         • during operation acc. to IEC 60721       3K6 (no lee formation, only occasional condensation), 3C3 (no salt mist), 323 (and must not get iniot the devices), 3M6         • during storage acc. to IEC 60721       3K6 (no lee formation, only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get invise the devices), 3M6         • during transport acc. to IEC 60721       2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m)         • Edminuciation module is supported       Yes         • DROFINET standard       Yes         • Modobus RTU       Yes         • Modobus TCP       Yes         • of the fuse       suble for High Faults at 460/480 V according to UL				
Ambient conditions         installation altitude at height above sea level maximum         ambient conditions         installation altitude at height above sea level maximum         ambient temperature         • during operation         • during operation acc. to IEC 60721         • during storage and transport         • during storage acc. to IEC 60721         • during transport acc. to IEC 60721         • Communication module is supported         • PROFINET standard         • Ebrevetviti         • Modous RTU         • PROFINET standard         • of circuit breaker         • of circuit breaker         • of the fuse				
Ambient conditions         installation allitude at height above sea level maximum         ambient temperature         • during storage and transport         • during storage acc. to IEC 60721         • during storage acc. to IEC 60721         • during transport acc. to IEC 60721         • during transport acc. to IEC 60721         • during transport acc. to IEC 60721         • Communication for dule is supported         • Demonstration module is supported         • EtherNet/IP         • BROFIBUS         VUCSA traings         manufacture's article number         • of circuit breaker         - 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         • according to UL         - usable for Standard Faults up to 575/600 V according to UL         • at 200/280 V at 50 °C rated value         • at 200/280 V at 50 °C rated value         • at 200/280 V at 50 °C rated value         • at 200/280 V at 50 °C rated value         • at 200/280 V at 50 °C rated value         • at 200/280 V at	, ,,	7 10.3 IDT-IN		
Installation altitude at height above sea level maximum       5 000 m; Derating as of 1000 m, see manual         ambient temperature       -25 +60 °C; Please observe derating at temperatures of 40 °C or above         - during storage and transport       -40 +80 °C         environmental category       - during storage acc. to IEC 60721         - during transport acc. to IEC 60721       3K6 (no ice formation, only occasional condensation), 3C3 (no salt mish), 3S2 (sand must not get into the devices), 3M6         - during transport acc. to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)         - EMC emitted interforence       acc. to IEC 6074         - Communication module is supported       Yes         • PROFINET standard       Yes         • Modbus RTU       Yes         • Modbus RTU       Yes         • Of the fuse				
amblent temperature       -25 +60 °C; Please observe derating at temperatures of 40 °C or above         • during storage and transport       -40 +80 °C;         • during transport ac: to IEC 60721       3K6 (no loc formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get inside the devices), 3M6         • during transport ac: to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)         acc. to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)         acc. to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)         acc. to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)         acc. to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)         acc. to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)         acc. to IEC 60721       Yes         • IEC 6071       Yes         • IEC FORDET       Yes         • IEC 6071       Yes         • IEC 60721       Yes <td></td> <td>5 000 m; Derating as of 1000 m, see manual</td>		5 000 m; Derating as of 1000 m, see manual		
during operation     during storage and transport     during operation acc. to IEC 60721     during operation acc. to IEC 60721     during storage acc. to IEC 60721     during transport acc. to IEC 60729     during transport acc. to IEC 60529		s oo m, beraling as or root m, see manuar		
above     above       environmental category     -40 +80 °C.       environmental category     3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 352 (sand must not get into the devices), 3M6       • during storage acc. to IEC 60721     3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 352 (sand must not get inside the devices), 3M6       • during transport acc. to IEC 60721     2K2, 2C1, 2S1, 2M2 (max. fall height 0.5 m)       EMC emitted interference     acc. to IEC 60947-4-2: Class A       Communication module is supported     Yes       • PROFINET standard     Yes       • Modbus RTD     Yes       • Infigh Faults at 460/480 V according to UL     Siemens type: 3VA54, max. 600 A; lq max = 65 kA       • of the fuse     -       -     -       -     usable for High Faults up to 575/600 V according to UL       -     -       • at 200/208 V st 50 °C rated value     60 hp       • at 200/208 V st 50 °C rated value     75 hp       • at 200/208 V st 50 °C rated value     150 hp       • at 200/208 V st 50 °C rated value     200 hp       Stelv related data     1PO0, IP20 with cover       protecti	•	-25 +60 °C: Please observe derating at temperatures of 40 °C or		
• during storage and transport     -40 +80 °C       environmental category     3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get in the devices), 3M6       • during storage acc. to IEC 60721     3K6 (no ice formation, only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get in the devices), 1M4       • during transport acc. to IEC 60721     2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)       • during transport acc. to IEC 60721     2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)       • EMC emitted interference     acc. to IEC 60947-4-2: Class A       Communication module is supported     Yes       • ENderNet/IP     Yes       • Modbus RTU     Yes       • Modbus TCP     Yes       • Or circuit breaker     Yes       - usable for High Faults at 460/480 V according to UL     Siemens type: 3VA54, max. 600 A; lq max = 65 kA       • of the fuse     - usable for Standard Faults up to 575/600 V according to UL       - usable for High Faults up to 575/600 V according to UL     Type: Class L, max. 800 A; lq = 18 kA       • at 200/208 V at 50 °C rated value     60 hp       • at 200/208 V at 50 °C rated value     60 hp       • at 200/208 V at 50 °C rated value     200 hp       Sater restrict on othe front acc. to IEC 60529     IPO0; IP20 with cover       function class IP on the front acc. to IEC 60529     IPO0; IP20 with cover       for High Faults up to 575/600 V				
environmental category <ul> <li>during operation acc. to IEC 60721</li> <li>during storage acc. to IEC 60721</li> <li>during storage acc. to IEC 60721</li> <li>tk6 (oni occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 3M6</li> <li>tk6 (oni) occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4</li> <li>eduring transport acc. to IEC 60721</li> <li>tk6 (oni) occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4</li> <li>eduring transport acc. to IEC 60721</li> <li>tk6 (oni) occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4</li> <li>eduring transport acc. to IEC 60721</li> <li>tk6 (oni) occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4</li> <li>eduring transport acc. to IEC 60721</li> <li>tk6 (oni) occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4</li> <li>2K2, 2C1, 2S1, 2M2 (must, fail height 0.3 m)</li> <li>acc. to IEC 60947-4-2; Class A</li> </ul> <li>Communication module is supported</li> <li>Yes</li> <li>PROFINET standard</li> <li>Yes</li> <li>Ves</li> <li>PROFIBUS</li> <li>Yes</li> <li>UL/CSA ratings</li> <li>manufacturer's article number         <ul> <li>of circuit breaker</li> <li>usable for High Faults at 460/480 V according to UL</li> <li>operating power (hpi for 3-phase motors</li> <li>at 200/208 V at 50 °C rated value</li> <li>at 200/208 V at 50 °C rated value</li> <li>at 200/208 V at 50 °C rated value</li> <li>at 400/480 V at 50 °C rated value</li> <li>at 420/480 V</li></ul></li>	<ul> <li>during storage and transport</li> </ul>			
• during operation acc. to IEC 60721     3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get in to the devices), 3M6       • during storage acc. to IEC 60721     2K2 (son) 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, fail height 0.3 m) acc. to IEC 60947-4-2; Class A       Communication/ Protocol				
• during storage acc. to IEC 60721     mist), 352 (sand must not get inside the devices), 3M6       • during transport acc. to IEC 60721     2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)       • 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       • Modobus RTU     Yes       • Modobus RTU     Yes       • Modobus TCP     Yes       • PROFIBUS     Yes <b>UL/CSA ratings</b> manufacturer's article number       • of circuit breaker     -       - usable for High Faults at 460/480 V according to UL     Siemens type: 3VA54, max. 600 A; Iq max = 65 kA       • of the fuse     -       - usable for Standard Faults up to 575/600 V     according to UL       • according to UL     Type: Class L, max. 800 A; Iq = 18 kA       • according to UL     Type: Class L, max. 800 A; Iq = 100 kA       • at 220/230 V at 50 °C rated value     60 hp       • at 220/230 V at 50 °C rated value     60 hp       • at 220/230 V at 50 °C rated value     51 hp       • at 420/480 V at 50 °C rated value     50 hp       • at 420/230 V at 50 °C rated value     50 hp       • at 420/230 V at 50 °C rated value     50 hp       • at 420/23		3K6 (no ice formation, only occasional condensation). 3C3 (no salt		
• 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         • Modbus RTU       Yes         • Modbus RTU       Yes         • Modbus RTU       Yes         • Modbus TCP       Yes         • PROFIBUS       Yes         UL/CSA ratings       Yes         manufacturer's article number       of circuit breaker         - usable for High Faults at 460/480 V according to UL       Siemens type: 3VA54, max. 600 A; lq max = 65 kA         • of the fuse       - usable for High Faults up to 575/600 V       Siemens type: 3VA54, max. 800 A; lq = 18 kA         - usable for High Faults up to 575/600 V       according to UL       Type: Class L, max. 800 A; lq = 100 kA         • of uzording to UL       Type: Class L, max. 800 A; lq = 10 kA       Type: Class L, max. 800 A; lq = 100 kA         • at 200/208 V at 50 °C rated value       60 hp       60 hp         • at 200/208 V at 50 °C rated value       150 hp       at 460/480 V at 50 °C rated value         • at 460/480 V at 50 °C rated value       200 hp       Safety related data         protection class IP on the front acc. to IEC 60529       IP00; IP20 with cover				
• 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         • EtherNet/IP       Yes         • Modbus RTU       Yes         • Modbus TCP       Yes         • PROFIBUS       Yes         UL/CSA ratings       -         manufacturer's article number       -         • of circuit breaker       -         - usable for Standard Faults up to 575/600 V       according to UL         - usable for Standard Faults up to 575/600 V       Type: Class L, max. 800 A; lq = 18 kA         corroring 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         - at 200/208 V at 50 °C rated value       60 hp         • at 200/208 V at 50 °C rated value       75 hp         • at 200/208 V at 50 °C rated value       200 hp         Safety related data       -         protection class IP on the front acc. to IEC 60529       <	<ul> <li>during storage acc. to IEC 60721</li> </ul>			
EMC emitted interference       acc. to IEC 60947-4-2: Class A         Communication module is supported       •         • PROFINET standard       Yes         • EtherNet/IP       Yes         • Modbus RTU       Yes         • Modbus RTU       Yes         • Modbus TCP       Yes         • PROFIBUS       Yes         UL/CSA ratings       Yes         manufacturer's article number       • of circuit breaker         - usable for High Faults at 460/480 V according to UL       Siemens type: 3VA54, max. 600 A; lq max = 65 kA         • Ot the fuse       - usable for Standard Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; lq = 18 kA         • of the fuse       - usable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; lq = 100 kA         • according to UL       - usable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; lq = 100 kA         • according to UL       - usable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; lq = 100 kA         • at 400/208 V at 50 °C rated value       60 hp       60 hp         • at 200/208 V at 50 °C rated value       150 hp       at 357600 V at 50 °C rated value         • at 460/480 V at 50 °C rated value       150 hp       at 3575/600 V at 50 °C rated value         • a		<b>o</b>		
Communication / Protocol         communication module is supported         • PROFINET standard       Yes         • EtherNet/IP       Yes         • Modbus RTU       Yes         • Modbus TCP       Yes         • PROFIBUS       Yes         UL/CSA ratings       Yes         manufacturer's article number       of circuit breaker         - usable for High Faults at 460/480 V according to UL       Siemens type: 3VA54, max. 600 A; Iq max = 65 kA         • of the fuse       - usable for Standard Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; Iq = 18 kA         - usable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; Iq = 100 kA         - usable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; Iq = 100 kA         - usable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; Iq = 100 kA         - usable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; Iq = 100 kA         • at 200/208 V at 50 °C rated value       60 hp         • at 200/208 V at 50 °C rated value       75 hp         • at 460/480 V at 50 °C rated value       150 hp         • at 460/480 V at 50 °C rated value       200 hp         Safety related data       protection class IP on the front acc. to IEC 60529	<ul> <li>during transport acc. to IEC 60721</li> </ul>	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)		
communication module is supported       Yes         PROFINET standard       Yes         EtherNet/IP       Yes         Modbus RTU       Yes         Modbus TCP       Yes         PROFIBUS       Yes         UL/CSA ratings       Yes         manufacturer's article number       Yes         - usable for High Faults at 460/480 V according to UL       Siemens type: 3VA54, max. 600 A; lq max = 65 kA         • of the fuse       - usable for Standard Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; lq = 18 kA         - usable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; lq = 100 kA         operating power (hp] for 3-phase motors       60 hp         • at 200/208 V at 50 °C rated value       60 hp         • at 200/208 V at 50 °C rated value       150 hp         • at 460/480 V at 50 °C rated value       150 hp         • at 460/480 V at 50 °C rated value       200 hp         Safety related data       IP00; IP20 with cover         protection class IP on the front acc. to IEC 60529       IP00; IP20 with cover         touch protection on the front acc. to IEC 60529       IP00; IP20 with cover         finger-safe, for vertical contact from the front with cover       Inger-safe, for vertical contact from the front with cover         ATEX	EMC emitted interference	acc. to IEC 60947-4-2: Class A		
<ul> <li>PROFINET standard Yes</li> <li>EtherNet/IP Yes</li> <li>Modbus RTU Yes</li> <li>Modbus TCP Yes</li> <li>PROFIBUS Yes</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>of the fuse</li> <li>— usable for High Faults up to 575/600 V according to UL</li> <li>of the fuse</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 220/208 V at 50 °C rated value</li> <li>at 200/208 V at 50 °C rated value</li> <li>at 255/600 V at 50 °C rated value</li> <li>at 200 hp</li> <li>Safety related data</li> <li>protection class IP on the front acc. to IEC 60529</li> <li>finger-safe, for vertical contact from the front with cover</li> <li>ATEX</li> <li>Ves</li> </ul>	Communication/ Protocol			
• EtherNet/IP       Yes         • Modbus RTU       Yes         • Modbus RTCP       Yes         • PROFIBUS       Yes <b>UL/CSA ratings</b> Yes         manufacturer's article number       of circuit breaker         - usable for High Faults at 460/480 V according to UL       Siemens type: 3VA54, max. 600 A; Iq max = 65 kA         • of the fuse       - usable for Standard Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; Iq = 18 kA         • ousable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; Iq = 100 kA         • ousable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; Iq = 100 kA         • ousable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; Iq = 100 kA         • ousable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; Iq = 100 kA         • at 200/208 V at 50 °C rated value       60 hp         • at 200/208 V at 50 °C rated value       150 hp         • at 460/480 V at 50 °C rated value       200 hp         Safety related data       IP00; IP20 with cover         protection class IP on the front acc. to IEC 60529       IP00; IP20 with cover         touch protection on the front acc. to IEC 60529       finger-safe, for vertical contact from the front with cover         ATEX       Yes <td>communication module is supported</td> <td></td>	communication module is supported			
<ul> <li>Modbus RTU Yes</li> <li>Modbus TCP Yes</li> <li>PROFIBUS Yes</li> <li>U/CSA ratings</li> <li>U/CSA ratings</li> <li>of circuit breaker         <ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>siemens type: 3VA54, max. 600 A; lq max = 65 kA</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>usable for High Faults up to 575/600 V according to UL</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>usable for Aught and the second to the front second to the form to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</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>for area value</li> <li>for area value</li> <li>for the front acc. to IEC 60529</li> <li>for yet to value</li> <li>for hp</li> <li>for the front acc. to IEC 60529</li> <li>for yet to value</li> <li>for yet to value</li> </ul> </li> <li>Safety related data</li> <li>protection on the front acc. to IEC 60529</li> <li>for yet to value</li> </ul> <li>ATEX</li> <li>Yes</li>	<ul> <li>PROFINET standard</li> </ul>	Yes		
Modbus TCP     PROFIBUS     Yes      Ves      Ves	EtherNet/IP	Yes		
• PROFIBUS       Yes         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       Type: Class L, max. 800 A; Iq = 18 kA         - usable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; Iq = 100 kA         - usable for High Faults up to 575/600 V according to UL       Type: Class L, max. 800 A; Iq = 100 kA         operating power [hp] for 3-phase motors       60 hp         • at 200/208 V at 50 °C rated value       60 hp         • at 200/208 V at 50 °C rated value       150 hp         • at 575/600 V at 50 °C rated value       200 hp         Safety related data       IP00; IP20 with cover         protection class IP on the front acc. to IEC 60529       IP00; IP20 with cover         function protection on the front acc. to IEC 60529       finger-safe, for vertical contact from the front with cover         ATEX       Yes         • IECEx       Yes	Modbus RTU	Yes		
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 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 200/208 V at 50 °C rated value         • at 200/208 V at 50 °C rated value         • at 460/480 V at 50 °C rated value         • at 460/480 V at 50 °C rated value         • at 575/600 V at 50 °C rated value         • at 575/600 V at 50 °C rated value         200 hp         Safety related data         protection class IP on the front acc. to IEC 60529         IP00; IP20 with cover         touch protection on the front acc. to IEC 60529         Iprotection class IP on the front acc. to IEC 60529         Iprotection of suitability         • ATEX       Yes         • IECEx       Yes	Modbus TCP	Yes		
manufacturer's article number <ul> <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> <li>according to UL</li> <li>— usable for High Faults up to 575/600 V</li> <li>according to UL</li> <li>— usable for High Faults up to 575/600 V</li> <li>according to UL</li> <li>— usable for High Faults up to 575/600 V</li> <li>according to UL</li> <li>— usable for High Faults up to 575/600 V</li> <li>according to UL</li> <li>— usable for High Faults up to 575/600 V</li> <li>according to UL</li> <li>— usable for High Faults up to 575/600 V</li> <li>according to UL</li> <li>— usable for High Faults up to 575/600 V</li> <li>according to UL</li> <li>— usable for High Faults up to 575/600 V</li> <li>according to UL</li> <li>— usable for High Faults up to 575/600 V</li> <li>according to UL</li> <li>— usable for High Faults up to 575/600 V</li> <li>according to UL</li> <li>— usable for High Faults up to 575/600 V</li> <li>according to UL</li> <li>— usable for High Faults up to 575/600 V</li> <li>according to UL</li> <li>Type: Class L, max. 800 A; Iq = 18 kA</li> <li>Type: Class L, max. 800 A; Iq = 100 kA</li> <li>according to UL</li> <li>At 50 °C rated value</li> <li>60 hp</li> <li>at 460/480 V at 50 °C rated value</li> <li>200 hp</li> </ul> <li>Safety related data</li> <li>protection class IP on the front acc. to IEC 60529</li> <li>IP00; IP20 with cover</li> <li>touch protection</li>	PROFIBUS	Yes		
• of circuit breaker	UL/CSA ratings			
- usable for High Faults at 460/480 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 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 at 220/230 V at 50 °C rated value     50 hp     - at 460/480 V at 50 °C rated value     200 hp     - Safety related data     - protection class IP on the front acc. to IEC 60529     IP00; IP20 with cover     finger-safe, for vertical contact from the front with cover     ATEX     - ATEX     - Yes	manufacturer's article number			
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 action at 200/208 V at 50 °C rated value 60 hp at 220/230 V at 50 °C rated value 75 hp at 460/480 V at 50 °C rated value 150 hp at 575/600 V at 50 °C rated value 200 hp Safety related data protection on the front acc. to IEC 60529 IP00; IP20 with cover touch protection on the front acc. to IEC 60529 IP00; IP20 with cover ATEX ATEX Yes IECEx Yes	<ul> <li>of circuit breaker</li> </ul>			
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 action at 200/208 V at 50 °C rated value 60 hp at 220/230 V at 50 °C rated value 75 hp at 460/480 V at 50 °C rated value 150 hp at 575/600 V at 50 °C rated value 200 hp Safety related data protection on the front acc. to IEC 60529 IP00; IP20 with cover touch protection on the front acc. to IEC 60529 IP00; IP20 with cover ATEX ATEX Yes IECEx Yes	<ul> <li>— usable for High Faults at 460/480 V according</li> </ul>	Siemens type: 3VA54, max. 600 A; Ig max = 65 kA		
usable for Standard Faults up to 575/600 V according to ULType: Class L, max. 800 A; Iq = 18 kA usable for High Faults up to 575/600 V according to ULType: Class L, max. 800 A; Iq = 100 kAoperating power [hp] for 3-phase motorsFight Class L, max. 800 A; Iq = 100 kA• at 200/208 V at 50 °C rated value60 hp• at 220/230 V at 50 °C rated value60 hp• at 460/480 V at 50 °C rated value75 hp• at 575/600 V at 50 °C rated value200 hpSafety related data200 hpprotection class IP on the front acc. to IEC 60529IP00; IP20 with cover finger-safe, for vertical contact from the front with coverATEXYes• ATEXYes• IECExYes				
according to UL       — usable for High Faults up to 575/600 V       Type: Class L, max. 800 A; Iq = 100 kA         operating power [hp] for 3-phase motors       60 hp         • at 200/208 V at 50 °C rated value       60 hp         • at 220/230 V at 50 °C rated value       75 hp         • at 460/480 V at 50 °C rated value       150 hp         • at 575/600 V at 50 °C rated value       200 hp         Safety related data       200 hp         Protection class IP on the front acc. to IEC 60529       IP00; IP20 with cover         fuger-safe, for vertical contact from the front with cover         ATEX       Yes         • ATEX       Yes         • IECEx       Yes	of the fuse			
usable for High Faults up to 575/600 V according to ULType: Class L, max. 800 A; Iq = 100 kAoperating power [hp] for 3-phase motors60 hp• at 200/208 V at 50 °C rated value60 hp• at 220/230 V at 50 °C rated value75 hp• at 460/480 V at 50 °C rated value150 hp• at 575/600 V at 50 °C rated value200 hpSafety related dataprotection class IP on the front acc. to IEC 60529IP00; IP20 with cover finger-safe, for vertical contact from the front with coverATEXYes• ATEXYes• IECExYes		Type: Class L, max. 800 A; lq = 18 kA		
according to UL       according to UL         operating power [hp] for 3-phase motors       60 hp         • at 200/208 V at 50 °C rated value       60 hp         • at 220/230 V at 50 °C rated value       75 hp         • at 460/480 V at 50 °C rated value       150 hp         • at 575/600 V at 50 °C rated value       200 hp         Safety related data       200 hp         protection class IP on the front acc. to IEC 60529       IP00; IP20 with cover         touch protection on the front acc. to IEC 60529       finger-safe, for vertical contact from the front with cover         ATEX       Yes         • ATEX       Yes				
operating power [hp] for 3-phase motors60 hp• at 200/208 V at 50 °C rated value60 hp• at 220/230 V at 50 °C rated value75 hp• at 460/480 V at 50 °C rated value150 hp• at 575/600 V at 50 °C rated value200 hpSafety related dataprotection class IP on the front acc. to IEC 60529IP00; IP20 with covertouch protection on the front acc. to IEC 60529finger-safe, for vertical contact from the front with coverATEX• ATEXYes• IECExYes		Type: Class L, max. 800 A; lq = 100 kA		
<ul> <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 460/480 V at 50 °C rated value</li> <li>at 575/600 V at 50 °C rated value</li> <li>200 hp</li> </ul> Safety related data           protection class IP on the front acc. to IEC 60529         IP00; IP20 with cover           touch protection on the front acc. to IEC 60529         finger-safe, for vertical contact from the front with cover           ATEX         Yes           • IECEx         Yes				
<ul> <li>at 220/230 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> <li>at 50 hp</li> <li>at 575/600 V at 50 °C rated value</li> <li>200 hp</li> <li>Safety related data</li> <li>protection class IP on the front acc. to IEC 60529</li> <li>IP00; IP20 with cover</li> <li>finger-safe, for vertical contact from the front with cover</li> <li>ATEX</li> <li>ATEX</li> <li>IECEx</li> <li>Yes</li> </ul>		60 hp		
<ul> <li>at 460/480 V at 50 °C rated value</li> <li>at 575/600 V at 50 °C rated value</li> <li>200 hp</li> <li>Safety related data</li> <li>protection class IP on the front acc. to IEC 60529</li> <li>touch protection on the front acc. to IEC 60529</li> <li>finger-safe, for vertical contact from the front with cover</li> <li>ATEX</li> <li>ATEX</li> <li>Yes</li> <li>IECEx</li> <li>Yes</li> </ul>				
• at 575/600 V at 50 °C rated value200 hpSafety related dataIP00; IP20 with coverprotection class IP on the front acc. to IEC 60529IP00; IP20 with covertouch protection on the front acc. to IEC 60529finger-safe, for vertical contact from the front with coverATEXYes• ATEXYes• IECExYes				
Safety related data         protection class IP on the front acc. to IEC 60529       IP00; IP20 with cover         touch protection on the front acc. to IEC 60529       finger-safe, for vertical contact from the front with cover         ATEX       certificate of suitability <ul> <li>ATEX</li> <li>IECEx</li> <li>Yes</li> </ul>				
protection class IP on the front acc. to IEC 60529       IP00; IP20 with cover         touch protection on the front acc. to IEC 60529       finger-safe, for vertical contact from the front with cover         ATEX       certificate of suitability <ul> <li>ATEX</li> <li>Yes</li> <li>IECEx</li> <li>Yes</li> </ul>		200 hp		
touch protection on the front acc. to IEC 60529       finger-safe, for vertical contact from the front with cover         ATEX       certificate of suitability          • ATEX       Yes       Yes         • IECEx       Yes       Yes				
ATEX       certificate of suitability       • ATEX       Yes       • IECEx				
certificate of suitability       • ATEX       • IECEx       Yes	-	ringer-sate, for vertical contact from the front with cover		
ATEX Yes     IECEx Yes				
• IECEx Yes	-			
hardware fault tolerance acc. to IEC 61508 relating to 0				
	hardware fault tolerance acc. to IEC 61508 relating to	0		

ATEX					
PFDavg with low demand rate acc. to IEC 61508 relating to ATEX		0.09			
PFHD with high dem to ATEX	and rate acc. to EN	62061 relating	0.000009 1/h		
Safety Integrity Leve to ATEX	I (SIL) acc. to IEC 6	1508 relating	SIL1		
T1 value for proof tes IEC 61508 relating to		e life acc. to	3 у		
Certificates/ approvals					
General Product Ap	proval			For use in hazard	lous locations
\$₽		ĥ	EAC	IECEx	(Ex)
Declaration of Confe	ormity	Test Certifica	tes other		
<u>Miscellaneous</u>	C C EG-Konf.	<u>Type Test Cer</u> ates/Test Re		I	
Further information	_				
Information- and Dov		logs, Brochures,.	.)		
https://www.siemens.c					
Industry Mall (Online https://mall.industry.sig		en/Catalog/product	?mlfb=3RW5073-2AB15		
Cax online generator	r				
http://support.automat		V/CAXorder/defaul	t.aspx?lang=en&mlfb=3F	<u>RW5073-2AB15</u>	
Service&Support (Ma https://support.industr	anuals, Certificates,		FAQs,)		

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

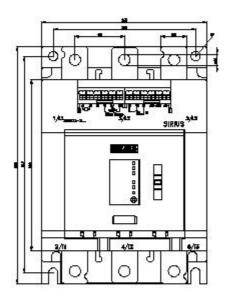
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

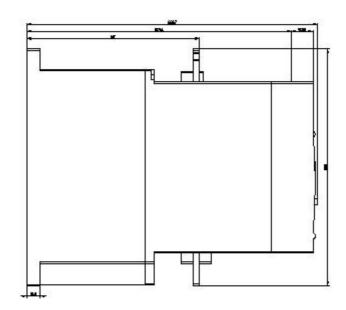
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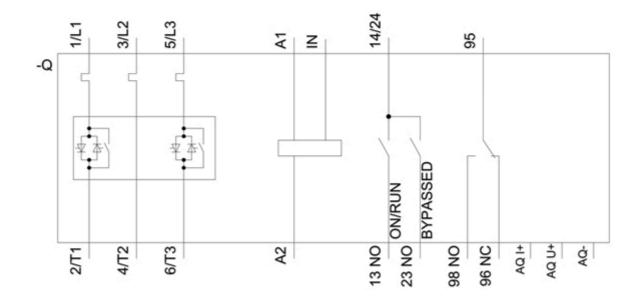
Characteristic: Installation altitude

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5073-2AB15&objecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS)

Simulation Tool for Soft Starters (STS) https://support.industry.siemens.com/cs/ww/en/view/101494917







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