SIEMENS

Data sheet

3RW5072-2AB15



SIRIUS soft starter 200-600 V 210 A, 110-250 V AC Spring-loaded terminals Analog output

Fi				

product brand name	SIRIUS
product category	Hybrid switching devices
product designation	Soft starter
product type designation	3RW50
manufacturer's article number	
 of standard HMI module usable 	<u>3RW5980-0HS01</u>
 of high feature HMI module usable 	<u>3RW5980-0HF00</u>
 of communication module PROFINET standard usable 	<u>3RW5980-0CS00</u>
 of communication module PROFIBUS usable 	<u>3RW5980-0CP00</u>
 of communication module Modbus TCP usable 	<u>3RW5980-0CT00</u>
 of communication module Modbus RTU usable 	<u>3RW5980-0CR00</u>
 of communication module Ethernet/IP 	<u>3RW5980-0CE00</u>
 of circuit breaker usable at 400 V 	<u>3VA2440-7MN32-0AA0; Type of assignment 1, Iq = 65 kA</u>
 of circuit breaker usable at 500 V 	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 	<u>3NE1 230-2; Type of coordination 2, Iq = 65 kA</u>
 of back-up R fuse link for semiconductor protection usable up to 690 V 	3NE3 333; Type of coordination 2, Iq = 65 kA
 of line contactor usable up to 480 V 	<u>3RT1064</u>
 of line contactor usable up to 690 V 	<u>3RT1064</u>
General technical data	
starting voltage [%]	30 100 %
stopping voltage [%]	50 %; non-adjustable
start-up ramp time of soft starter	0 20 s
ramp-down time of soft starter	0 20 s
current limiting value [%] adjustable	130 700 %
certificate of suitability	
CE marking	Yes
• UL approval	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

• 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	
 between main and auxiliary circuit 	600 V
shock resistance	15 g / 11 ms, from 12 g / 11 ms with potential contact lifting
vibration resistance	15 mm to 6 Hz; 2g to 500 Hz
utilization category according to IEC 60947-4-2	AC-53a
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	09/23/2019
product function	
 ramp-up (soft starting) 	Yes
 ramp-down (soft stop) 	Yes
Soft Torque	Yes
 adjustable current limitation 	Yes
• pump ramp down	Yes
 intrinsic device protection 	Yes
 motor overload protection 	Yes; Electronic motor overload protection
 evaluation of thermistor motor protection 	No
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	Yes; Only in conjunction with special accessories
via software parameterizable	No
via software configurable	Yes
PROFlenergy	Yes; in connection with the PROFINET Standard communication module
voltage ramp	Yes No
torque controlanalog output	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature HMI)
Power Electronics	
operational current	
• at 40 °C rated value	210 A
 at 50 °C rated value 	186 A
 at 60 °C rated value 	170 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	55 kW
• at 400 V at 40 °C rated value	110 kW
• at 500 V at 40 °C rated value	132 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 	90 A
at rotary coding switch on switch position 2	98 A
at rotary coding switch on switch position 3	106 A
at rotary coding switch on switch position 4	114 A
at rotary coding switch on switch position 5	122 A
 at rotary coding switch on switch position 6 at rotary coding switch on switch position 7 	130 A
 at rotary coding switch on switch position 7 at rotary coding switch on switch position 8 	138 A
 at rotary coding switch on switch position 8 	146 A

 at rotary coding switch on switch position 9 	154 A
 at rotary coding switch on switch position 10 	162 A
 at rotary coding switch on switch position 11 	170 A
 at rotary coding switch on switch position 12 	178 A
 at rotary coding switch on switch position 13 	186 A
 at rotary coding switch on switch position 14 	194 A
 at rotary coding switch on switch position 15 	202 A
 at rotary coding switch on switch position 16 	210 A
• minimum	90 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	16 W
● at 50 °C after startup	13 W
● at 60 °C after startup	11 W
power loss [W] at AC at current limitation 350 %	
• at 40 °C during startup	2 237 W
• at 50 °C during startup	1 867 W
• at 60 °C during startup	1 637 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	-15 %
AC at 50 Hz	
relative positive tolerance of the control supply voltage at AC at 50 Hz	10 %
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 60 Hz	10 %
control supply voltage frequency	50 60 Hz
relative negative tolerance of the control supply voltage frequency	-10 %
relative positive tolerance of the control supply voltage frequency	10 %
control supply current in standby mode rated value	30 mA
holding current in bypass operation rated value	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	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	
forwards	10 mm
backwards	0 mm
• upwards	100 mm
downwards	75 mm
at the side	5 mm
weight without packaging	7.3 kg
Connections/ Terminals	1.0 Kg
type of electrical connection	
for main current circuit	busbar connection
for control circuit	spring-loaded terminals
width of connection bar maximum	35 mm; with connection cover 3RT1966-4EA1 maximum length 45 mm
type of connectable conductor cross-sections	
for main contacts for box terminal using the front clamping point solid	95 300 mm²
 for main contacts for box terminal using the front clamping point finely stranded with core end processing 	70 240 mm²
 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 	95 300 mm²
 for main contacts for box terminal using the back clamping point solid 	120 240 mm ²
 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 	min. 2x 70 mm², max. 2x 240 mm²
for main contacts for box terminal using both clamping points finely stranded with core end processing	min. 2x 50 mm², max. 2x 185 mm²
for main contacts for box terminal using both clamping points finely stranded without core end processing	min. 2x 50 mm², max. 2x 185 mm²
for main contacts for box terminal using both clamping points stranded	min. 2x 70 mm², max. 2x 240 mm²
 for main contacts for box terminal using the back clamping point finely stranded with core end processing for main contacts for box terminal using the back 	120 185 mm ² 120 185 mm ²
 for main contacts for box terminal using the back for main contacts for box terminal using the back 	120 240 mm ²
clamping point stranded	
type of connectable conductor cross-sections	
 for AWG cables for main current circuit solid 	2/0 500 kcmil
 for DIN cable lug for main contacts stranded 	50 240 mm²
 for DIN cable lug for main contacts finely stranded 	70 240 mm²
type of connectable conductor cross-sections	
 for control circuit solid 	2x (0.25 1.5 mm²)
 for control circuit finely stranded with core end processing 	2x (0.25 1.5 mm²)
 for AWG cables for control circuit solid 	2x (24 16)
 for AWG cables for control circuit finely stranded with core end processing 	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 terminals 	7 10.3 lbf·in
Ambient conditions	
installation altitude at height above sea level maximum	5 000 m; derating as of 1000 m, see Manual
ambient temperature	
during operation	-25 +60 °C; Please observe derating at temperatures of 40 °C or above
 during storage and transport 	-40 +80 °C

during operation according to IEC 60721 during storage according to IEC 60720 during storage accordin	environmental category				
		3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2		
	g	(sand must not get into the devices), 3M6			
Auring transport according to EC 60721 202, 201, 201, 201, 202, 201, 201, 2	 during storage according to IEC 60721 		? (sand must not get		
EMC emitted interference pace to EC 60947-4-2: Class A Communication module is supported Yes • RPACHNET standard • EncheleDP • Module STU • Labele for High Faults at 460480 V according to UL • Labele for Standard Faults up to 575600 V according to UL • Labele for Standard Faults up to 575600 V according to UL • Labele for Standard Faults up to 575600 V according to UL • Labele for Standard Faults up to 575600 V according to UL • Labele for Standard Faults up to 575600 V according to UL • Labele for Standard Faults up to 575600 V according to UL • Labele for Standard Faults up to 575600 V according to UL • Labele for High Faults up to 575600 V according to UL Context value • 150 hp Stafey related data protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 touch protection according to IEC 61508 relating to Tree • IECEX • LECEX • LECEX		inside the devices), 1M4			
Communication quotie is supported •PROFNET standard •PROFNET standard Yes •Module IS supported Yes •Module IS supported Yes •Module IS TUL Yes •Module IS TUL Yes •PROFNETS Yes •Module IS TUL Yes •Module IS TOP Yes •Module IS TUL Stemens type: 3VAS4, max 600 A; kg max = 65 AA •Module IS TUL	 during transport according to IEC 60721 	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)			
communication module is supported Yes • PROFINET standard Yes • Bink-Net/PP Yes • Modulus RTU Yes • Modulus TCP Yes • usable for film faults at 460/480 V according to UL Semens type: 3VA54, max, 600 A; kg max = 65 kA • usable for film faults at 460/480 V according to UL Semens type: 3VA54, max, 600 A; kg max = 65 kA • usable for film faults at 460/480 V according to UL Semens type: 3VA54, max, 700 A; kg = 10 kA • usable for film faults at 90 575/600 V according to UL • at 200208 V at 50 ° C rated value 60 hp • at 200208 V at 50 ° C rated value 150 hp • at 200208 V at 50 ° C rated value 150 hp • at 200208 V at 50 ° C rated value 150 hp • at 200208 V at 50 ° C rated value 150 hp • at 200208 V at 50 ° C rated value 150 hp • at 200208 V at 50 ° C rated value 90 hp • at 200208 V at 50 ° C rated value 90 hp • at 200208 V at 50 ° C rated value 90 hp • at 60 KB 160 C fasted v	EMC emitted interference	acc. to IEC 60947-4-2: Class A			
PROFINET standard Yes	Communication/ Protocol				
Encrived P Add water of the first and 460480 V according to U. Processes of the first and 460480 V according to U. Add water of the first and 460480 V according to U. Add water of the first and 460480 V according to U. Add water of the first and 460480 V according to U. Add water of the first and 460480 V according to U. Add water of the first and 460480 V according to U. Add water of the first and 460480 V according to U. Add water of the first and 460480 V according to U. Add water of the first and 460480 V according to U. Add water of the first and 460480 V according to U. Add water of the first and 460480 V according to U. Add water of the first and the sup to 575/800 V according to U. Add water of the first and the sup to 575/800 V according to U. Add water of the first and the sup to 575/800 V according to U. Add water of the first and the sup to 575/800 V according to U. Add water of the first and the sup to 575/800 V according to U. Add water of the first and the sup to 575/800 V according to U. Add water of the first and the sup to 575/800 V according to U. Add water of the first and the sup to 575/800 V according to U. Add water of the first and the succording to IEC 66529 Add water of the first and the succording to IEC 65589 Add water of the first and the succording to IEC 65589 Add water of the first and the succording to IEC 65589 Add water of the first and the succording to IEC 65589 Add water of the first and the succording to IEC 65589 Add water of the first and the succording to IEC 65589 Add water of the first and the succording to IEC 65589 Add water of the first and the succording to IEC 65589 Add water of the first and the succording to IEC 65589 Add water of the first and the succording to IEC 65589 Add water of the first and the succording to IEC 65589 Add water of the first and the succording to IEC 65589 Add water of the first and the succording t	communication module is supported				
Modebus RTU Yes PROCENSUS Yes UCSA ratings Semens type: 3VA54, max. 800 A; lg max = 65 kA - or circuit breaker - usable for Blandard Faults up to 575/600 V - usable for Blandard Faults up to 575/600 V Semens type: 3VA54, max. 800 A; lg max = 65 kA - or different breaker - usable for Standard Faults up to 575/600 V - usable for Blandard Faults up to 575/600 V Class L, max. 700 A; lg = 10 kA - usable for Standard Faults up to 575/600 V O 1p - usable for Standard Faults up to 575/600 V O 1p - usable for High Faults up to 575/600 V O 1p - at 200230 V at 50 °C rated value 0 1p - at 30040 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated Value 00 genetating to ATEX	PROFINET standard	Yes			
Modebus RTU Yes PROCENSUS Yes UCSA ratings Semens type: 3VA54, max. 800 A; lg max = 65 kA - or circuit breaker - usable for Blandard Faults up to 575/600 V - usable for Blandard Faults up to 575/600 V Semens type: 3VA54, max. 800 A; lg max = 65 kA - or different breaker - usable for Standard Faults up to 575/600 V - usable for Blandard Faults up to 575/600 V Class L, max. 700 A; lg = 10 kA - usable for Standard Faults up to 575/600 V O 1p - usable for Standard Faults up to 575/600 V O 1p - usable for High Faults up to 575/600 V O 1p - at 200230 V at 50 °C rated value 0 1p - at 30040 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated value 150 hp - at 576/600 V at 50 °C rated Value 00 genetating to ATEX	EtherNet/IP	Yes			
• Modebus TCP Yes • PACPERUS Yes • Modebus TCP Yes • Modebus TCP • Modebus TCP • Modebus TCP • Usable for High Faults at 460/480 V according to UL. • Modebus TCP • usable for Standard Faults up to 575/6800 V according to UL. • Modebus TCP • usable for Standard Faults up to 575/6800 V according to UL. • Modebus TCP • usable for Standard Faults up to 575/6800 V according to UL. • Modebus V at 50 °C rated value 00 hp • Modebus V at 50 °C rated value 150 hp • Modebus V at 50 °C rated value 150 hp • Modebus V at 50 °C rated value 150 hp • Modebus V at 50 °C rated value 150 hp • Modebus V at 50 °C rated value 150 hp • Modebus V at 50 °C rated value 150 hp • Modebus V at 50 °C rated value 150 hp • Modebus V at 50 °C rated value 150 hp • Modebus V at 50 °C rated value 150 hp • Modebus V at 50 °C rated value 150 hp • Modebus V at 50 °C rated value 150 hp • Modebus V at 50 °C rated value 150 hp • Modebus V at 50 °C rated value 0.09		Yes			
PARCHEUS Yes UDC3A rankings of circuit breaker of the fuse of circuit breaker of the fuse of circuit breaker of the fuse <liof fuse<="" li="" the=""> <liof fuse<="" li="" the=""></liof></liof>					
ULCSA ratings manufacture's article number - of circuit breaker					
manufacturor's article number • of circuit breaker		103			
• of circuit breaker					
		Siemens type: 3VA54, max. 600 A; lq max = 65 kA			
according to UL UL Type: Class L, max. 700 A; lq = 100 KA UL Type: Class					
UL Operating power (hp) for 3-phase motors 60 hp e at 202028 V at 50 °C rated value 60 hp e at 220230 V at 50 °C rated value 60 hp e at 220230 V at 50 °C rated value 150 hp safedy/solved data 150 hp protection class IP on the front according to IEC 60529 IP00; IP20 with cover fouch protection on the front according to IEC 60529 IP00; IP20 with cover could data IP00; IP20 with cover ouch protection on the front according to IEC 60529 IP00; IP20 with cover ATEX Yes • IECEx Yes • UKEX Yes • WKEX Yes • UKEX Yes • Droto test interval or service life according to 0.9 relating to ATEX PrHD with high demand rate according to IEC 61508 relating to ATEX • OTEX Confirmation 3 a Certificates/ approval Confirmation General Product Approval Confirmation Cortificates/ approval Confirmation </td <td>•</td> <td>Type: Class L, max. 700 A; lq = 10 kA</td> <td></td>	•	Type: Class L, max. 700 A; lq = 10 kA			
operating power (hp) for 3-phase motors 60 hp e at 200/200 V at 50 °C rated value 60 hp e at 200/200 V at 50 °C rated value 150 hp e at 575/000 V at 50 °C rated value 150 hp e at 575/000 V at 50 °C rated value 150 hp e at 575/000 V at 50 °C rated value 150 hp e at 575/000 V at 50 °C rated value 150 hp gatday related data 1900; IP20 with cover protection class IP on the front according to IEC 60529 IP00; IP20 with cover total protection on the front according to IEC 60529 IP00; IP20 with cover certificate of suitability • ATEX • ATEX Yes • CECk Yes • UKEX Yes • UKEX Yes • UKEX Yes • Darbay with low demand rate according to IEC 61508 relating to ATEX 0 PPDay with low demand rate according to IEC 61508 relating to ATEX 0.09 PPHD with high demand rate according to IEC 61508 relating to ATEX Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX Ortificates of provols Confirmation Sale General Product Approval Evel 61500 relating to ATEX Out Cartificates ophynoxis Confirmation General Product Approval Confirmation Cortificates in thezardous loccati	о	Type: Class L, max. 700 A; Iq = 100 kA			
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+ at 220/230 V at 50 °C rated value 60 hp a: 4460/480 V at 50 °C rated value 150 hp a: 4575600 V at 50 °C rated value 150 hp Safety related data IPO0; IP20 with cover 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 60529 Yes • CECk Yes • LIKEX Yes • LIKE for proof test interval	operating power [hp] for 3-phase motors				
• at 460/480 V at 50 °C rated value 150 hp • at 575600 V at 50 °C rated value 150 hp st 575600 V at 50 °C rated value 150 hp Safety related data Inder-safe, for vertical contact from the front with cover touch protection on the front according to IEC 60529 IP00, IP20 with cover touch protection on the front according to IEC 60529 Inder-safe, for vertical contact from the front with cover ATEX Yes • ATEX Yes • UKEX Yes • UKEX Yes • UKEX Yes PFDavg with low demand rate according to IEC 61508 relating to ATEX 0 PFDavg with low demand rate according to IEC 61508 relating to ATEX 0 PFDavg with low demand rate according to IEC 61508 relating to ATEX 9E-6 1/h Safety Integrity Lavel (SIL) according to IEC 61508 relating to ATEX 9E-6 1/h Tate (SIL) according to IEC 61508 relating to ATEX 9E-6 1/h Safety Integrity Lavel (SIL) according to IEC 61508 relating to ATEX 9E-6 1/h Conditination to ATEX 9E-6 1/h Safety Approvals For use in hazard-or service life according to IEC 61508 relating to ATEX Conditination SIL1 to ATEX For use in hazard-or service Ife according to IEC 61508 relating to ATEX For use in hazardous locations Conditinaticon	• at 200/208 V at 50 °C rated value	60 hp			
• at 575/600 V at 50 °C rated value 150 hp Safety rolated data protection class for not the front according to IEC 60529 IP00; IP20 with cover function class for vertical contact from the front with cover Image:safe, for vertical contact from the front with cover ATEX ves Ves • ATEX Yes Ves • UKEX Yes Ves • UKEX Yes Ves PPDay with low demand rate according to IEC 61508 relating to ATEX 0.09 PPDay with low demand rate according to EC 61508 relating to ATEX 0.09 PPHD with high demand rate according to EC 61508 relating to ATEX 9E-6 1/h Safety Integrity Level (SIL) according to EC 61508 relating to ATEX 3 a Cortificates / approvals For use in hazardous locations Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX Cortificates / approvals Confirmation 3 a ECCE EVEK Cortificates / approvals Confirmation Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX Sa a Cortificates / approvals Confirmation Sa a ECE ///////////////////////////////////	 at 220/230 V at 50 °C rated value 	60 hp			
Safety related data Protection class IP on the front according to IEC 60529 IP00; IP20 with cover touch protection on the front according to IEC 60529 Inger-safe, for vertical contact from the front with cover ATEX IECEx Yes • UKEX Yes Ves • UKEX Yes 0 PFDavg with low demand rate according to IEC 61508 relating to ATEX 0.09 PFDavg with low demand rate according to IEC 61508 relating to ATEX 0.09 Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX SIL1 Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX 0 Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX 3 a Cortificates/ approvals For use in hazard-ous locations 3 a Cortificates/ approval Confirmation IECEx Confirmation Cccc Efficience Marine / Shipping IECEx Selection of Conformity Test Certificates Marine / Shipping IECEx Explosion Protection Certificates Integriticates/ as Report Integriticates/ as Report IECe 6108 Ecetificates Ecetificates Marine / Shipping IECe File Ecetificates	 at 460/480 V at 50 °C rated value 	150 hp			
protection class IP on the front according to IEC 60529 IP00; IP20 with cover tucch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front with cover ATEX extract according to IEC 61508 finger-safe, for vertical contact from the front with cover ATEX Yes extract according to IEC 61508 relating to 0 ATEX Yes Yes • UKEX Yes Yes hardware fault tolerance according to IEC 61508 relating to ATEX 0.09 PFDavg with low demand rate according to IEC 61508 relating to ATEX 0.09 PFHD with high demand rate according to IEC 61508 relating to ATEX 0.11 Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX SIL1 Certificate/ approvals SiL1 SiL1 Certificate / approvals Size Size Certificate / approval Size Yes Confirmation Size Size Size Version Confirmation Size Size Size Size Confirmation Size Size Size Size Size Confirmation Confirmation Size Size Size	 at 575/600 V at 50 °C rated value 	150 hp			
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front with cover ATEX certificate of suitability ATEX Ves V	Safety related data				
ATEX Yes • ATEX Yes • ATEX Yes • LECEx Yes • UKEX Yes Pravare fault tolerance according to IEC 61508 relating to 0 ATEX Yes Producy with low demand rate according to IEC 61508 0.09 relating to ATEX 0.09 PFHD with high demand rate according to IEC 61508 relating to ATEX 0.11 Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX SIL1 Certificates/ approvals Sill 1 Certificates/ approvals Sill 1 Certificates/ approvals For use in hazard-ous locations Confirmation Confirmation Cocc UL Efficience It or use in hazardous locations Declaration of Conformity Test Certificates Marine / Shipping Exclosion Protection Certificate Areiro / Shipping It or use in hazardous locations Exclosion Protection Certificates Marine / Shipping It or use in hazardous locations Exclosion Protection It or use in the confirmity It or use in the confirmity It or use in hazardous locations Exclosion Prot	protection class IP on the front according to IEC 60529	IP00; IP20 with cover			
certificate of suitability ATEX HECK UKEX Ves Ves	touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front with cover			
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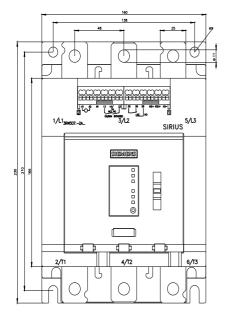
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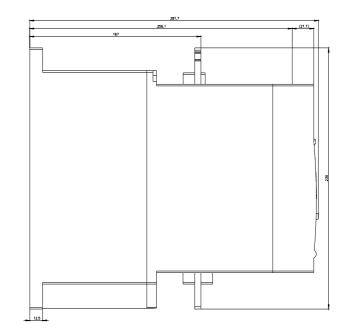


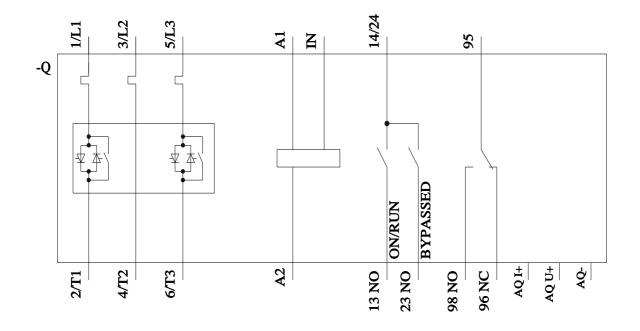


Further information	
Siemens has decided to exit the Russian market (see here	ə).
https://press.siemens.com/global/en/pressrelease/siemens-wi	nd-down-russian-business
Siemens is working on the renewal of the current EAC ce	
	lity of the EAC certification if you intend to import or offer to supply these products to an
EAC relevant market (other than the sanctioned EAEU memb	er states Russia or Belarus).
Information on the packaging	76
https://support.industry.siemens.com/cs/ww/en/view/1098138	
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	2mlfb=3RW5072-24B15
Cax online generator	
http://support.automation.siemens.com/WW/CAXorder/default	aspx?lang=en&mlfb=3RW5072-2AB15
Service&Support (Manuals, Certificates, Characteristics,	
https://support.industry.siemens.com/cs/ww/en/ps/3RW5072-	
Image database (product images, 2D dimension drawings	, 3D models, device circuit diagrams, EPLAN macros,)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb	<u>=3RW5072-2AB15⟨=en</u>
Characteristic: Tripping characteristics, I ² t, Let-through c	urrent
https://support.industry.siemens.com/cs/ww/en/ps/3RW5072-	2AB15/char
Characteristic: Installation altitude	
http://www.automation.siemens.com/bilddb/index.aspx?view=	Search&mlfb=3RW5072-2AB15&objecttype=14&gridview=view1
Simulation Tool for Soft Starters (STS)	
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https://support.industry.siemens.com/cs/ww/en/view/101494917







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