SIEMENS

Data sheet 3RW5073-6TB15



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

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 	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
 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 	3NE1 331-0; Type of coordination 2, Iq = 65 kA
 of back-up R fuse link for semiconductor protection usable up to 690 V 	3NE3 335; Type of coordination 2, Iq = 65 kA
 of line contactor usable up to 480 V 	<u>3RT1065</u>
 of line contactor usable up to 690 V 	<u>3RT1065</u>
General technical data	
starting voltage [%]	30 100 %
stopping voltage [%]	50 %; non-adjustable
start-up ramp time of soft starter	0 20 s
ramp-down time of soft starter	0 20 s
current limiting value [%] adjustable	130 700 %
accuracy class according to IEC 61557-12	5 %
certificate of suitability	
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

• for main current circuit • for control circuit • for control circuit • for control circuit • for control circuit insulation voltage rated value 600 V degree of pollution impulse voltage rated value 6kV blocking voltage of the thryistor maximum service factor • for working voltage of the thryistor maximum • service factor • let working voltage of the thryistor maximum • service factor • for working voltage of the thryistor maximum • between main and auxiliary circuit • shock resistance • for min to 6 Hz; 2g to 500 Hz shock resistance • for min to 6 Hz; 2g to 500 Hz utilization category according to IEC 60947-4-2 reference code according to IEC 60947-4-2 reference code according to IEC 61946-2 Q Substance Profibitiance (Date) • oramp-down (soft storp) • soft Torque • adjustable current limitation • pump ramp down • intrinsic device protection • pump ramp down • intrinsic device protection • evaluation of thermistor motor protection • evaluation of protection • evaluation of thermistor motor protection • auto-RESET • manual RESET • remote reset • communication function • operating measured value display • risp for wire parameterizable • via software parameterizable		
100 ms	buffering time in the event of power failure	400
insulation voltage rated value degree of pollution impulse voltage rated value blocking voltage of the thyristor maximum service factor surge voltage resistance rated value between main and auxiliary circuit shock resistance vibration resis		
Impulse voltage rated value 6 kV 1000 V		
Impulse voltage rated value 6 kV	-	
	- -	
service factor 1 surge voltage resistance rotal value 6 kV we 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 g/ 11 ms, from 12 g/ 11 ms with potential contact lifting vibration resistance 15 mm to 6 Hz; 2g to 500 Hz vibration category according to IEC 69347-4-2 AC-538 reference code according to IEC 691346-2 Q Substance Prohibitance (Pate) 09/23/2019 product function Yes • ramp-up (soft starting) Yes • solf Torque Yes • solf Torque Yes • adjustable current limitation Yes • pump ramp down Yes • notor overload protection Yes • notor overload protection Yes; Full motor protection (thermistor motor protection and electronic motor overload protection) • evaluation of thermistor motor protection Yes; Full motor protection (thermistor motor protection and electronic motor overload protection) • remote reset Yes • remote reset Yes • communication function		
surge voltage resistance rated value maximum permissible voltage for safe isolation		
maximum permissible voltage for safe isolation		
Sebveren main and auxiliarry circuit 500 V 15 mm to 0 Hz; 2g to 500 Hz 15 mm to 500 Hz; 2g to 500 Hz		6 kV
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 resistance 15 mm to 6 Hz; 2g to 500 Hz utilization category according to IEC 60347-4-2 AC-53a Gusbance Prohibitance (Date) 09/23/2019 product function Yes • ramp-up (soft starting) Yes • Soft Torque Yes • adjustable current limitation Yes • pump ramp down Yes • Intrinsic device protection Yes • Intrinsic device protection Yes, Full motor protection (thermistor motor protection and electronic motor overload protection) • waluation of thermistor motor protection Yes, Type A PTC or Klixon / Thermoclick • waluation of thermistor motor protection Yes, Type A PTC or Klixon / Thermoclick • waluation of thermistor motor protection Yes, Type A PTC or Klixon / Thermoclick • waluation of thermistor motor protection Yes, Type A PTC or Klixon / Thermoclick • communication function Yes • communication function Yes • perating measured value display Yes, Only in conjunction with special accessories • renor logbook Yes, Only in conjunction with special accessories • resorting waluation function Yes • No <td></td> <td></td>		
utilization category according to IEC 60947-4-2 reference code according to IEC 61346-2 Q Substance Prohibitance (Date) Product function • ramp-up (soft starting) • ramp-down (soft stop) • Soft Torque • adjustable current limitation • pump ramp down • intrinsic device protection • motor overload protection • evaluation of thermistor motor protection • evaluation function • evaluation of thermistor motor protection • remote reset • remote reset • ves: By turning off the control supply voltage • remote reset • ves: By turning off the control supply voltage • ves: Only in conjunction with special accessories		
Feference code according to IEC 81346-2 Substance Prohibitance (Dato) orang-up (soft starting) orang-down (soft storp)		
Substance Prohibitance (Date) 09/23/2019 product function Yes • ramp-up (soft starting) Yes • Soft Torque Yes • adjustable current limitation Yes • pump ramp down Yes • intrinsic device 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 • amound RESET Yes • remote reset Yes; Sy turning off the control supply voltage • communication function Yes • operating measured value display Yes; Only in conjunction with special accessories • via software parameterizable No • via software parameterizable No • voltage ramp Yes; Only in conjunction with the PROFINET Standard communication module • voltage ramp Yes; in connection with the PROFINET Standard communication module • voltage ramp Yes • torque control No • at 40 °C rated value 250 A • at 50 °C rated value 200 A <		AC-53a
product function	reference code according to IEC 81346-2	Q
• ramp-up (soft starting) • ramp-down (soft stop) • ramp-down (soft stop) • Soft forque • adjustable current limitation • pump ramp down • intrinsic device protection • motor overload protection • evaluation of thermistor motor protection • evaluation of thermistor motor protection • evaluation of thermistor motor protection • auto-RESET • manual RESET • remote reset • communication function • operating measured value display • error logbook • via software parameterizable • via software parameterizable • PROFlenergy • voltage ramp • voltage ramp • voltage ramp • voltage ramp • oforque control • analog output Power Electronics operating voltage • rated value • at 40 °C rated value • at 60 °C rated value • at 230 V at 40 °C rated value • voltage rang power for 3-phase motors • at 230 V at 40 °C rated value • operating power for 3-phase motors • at 230 V at 40 °C rated value • at 40 °C rated value • at 500 V at 40 °C rated value • at 600 V at 40 °C rated value • at 600 V at 40 °C rated value • at 600 V at 40 °C rated value • at 600 V at 40 °C rated value • at 600 V at 40 °C rated value • at 600 V at 40 °C rated value • at 600 V at 40 °C rated value • at 600 V at 40 °C rated value • at 600 V at 40 °C rated value • at 600 V at 40 °C rated value • at 600 V		09/23/2019
• ramp-down (soft stop) • Soft Torque • Soft Torque • Soft Torque • Adjustable current limitation • pump ramp down • intrinsic device protection • motor overload protection • evaluation of thermistor motor protection • auto-RESET • manual RESET • manual RESET • remote reset • communication function • operating measured value display • via software parameterizable • via software configurable • via software configurable • voltage ramp • torque control • analog output • of C rated value • at 40 °C rated value • at 40 °C rated value • relative negative tolerance of the operating voltage • rated value • at 430 °C rated value • at 430 °C rated value • at 430 °C rated value • at 440 °C rated value • at 440 °C rated value • at 450 °C rated value • at 430 °C rated value • at 430 °C rated value • at 440 °C rated value • at 430 °C rated value • at 440 °C rated value • at 440 °C rated value • at 440 °C rated value • at 450 °C rated value • at 4500 °C	product function	
Soft Torque adjustable current limitation pump ramp down intrinsic device protection motor overload protection evaluation of thermistor motor protection auto-RESET evaluation of thermistor motor protection auto-RESET emanual RESET remote reset communication function eperating measured value display via software parameterizable via software configurable evaluation evaluation of the control supply voltage evaluation of the control supply voltage economycontrol of the control supply voltage evaluation of tunction yes operating areasured value display everor logbook via software parameterizable via software configurable via software configurable voltage ramp evoltage ramp evoltage ramp forque control and 0° C rated value at 50° C rated value at 60° C rated value at 60° C rated value at 60° C rated value evaluation evaluation operating power for 3-phase motors at 230 V at 40° C rated value at 40° C rated value evaluation evalue evaluation evalue evaluation evalue at 200 600 V evaluation evalue at 200 V at 40° C rated value evaluation evalue at 200 V at 40° C rated value at 40° C rated value at 200 V at 40° C rated value at 200 V at 40° C rated value at 40° C rated v		
adjustable current limitation pump ramp down intrinsic device protection motor overload protection evaluation of thermistor motor protection auto-RESET manual RESET manual RESET remote reset communication function poperating measured value display vis software configurable voltage ramp torque control analog output Power Electronics operating voltage relative positive tolerance of the operating voltage relative negative tolerance of the operating frequency relative regative tolerance of the operat		
pump ramp down intrinsic device protection motor overload protection evaluation of thermistor motor protection ves; Full motor protection (thermistor motor protection and electronic motor overload protection) evaluation of thermistor motor protection autor-RESET evaluation of thermistor motor protection ves; Type A PTC or Klixon / Thermoclick evaluation of thermistor motor protection ves; Type A PTC or Klixon / Thermoclick evaluation of thermistor motor protection ves; Orly in conjunction supply voltage ecommunication function ves communication function ves communication function ves; Only in conjunction with special accessories evaluation accessories ves; Only in conjunction with special accessories v	Soft Torque	Yes
 intrinsic device protection motor overload protection motor overload protection wes; 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 manual RESET remote reset communication function yes communication function yes operating measured value display ves; Only in conjunction with special accessories error logbook via software parameterizable No via software parameterizable voltage ramp torque configurable ves; in connection with the PROFINET Standard communication module voltage ramp torque control analog output No power Electronics Power Electronics Operating at 40 °C rated value at 50 °C rated value at 60 °C rated value <l< td=""><td> adjustable current limitation </td><td>Yes</td></l<>	 adjustable current limitation 	Yes
• motor overload protection • evaluation of thermistor motor protection • evaluation of thermistor motor protection • auto-RESET • manual RESET • remote reset • communication function • operating measured value display • via software parameterizable • via software configurable • voltage ramp • torque control • analog output • voltage ramp • torque control • analog output • voltage ramp • torque control • analog output • voltage ramp • torque control • analog output • voltage ramp • torque control • analog output • voltage ramp • torque control • analog output • voltage ramp • torque control • analog output • No • analog output • voltage ramp • torque control • analog output • No • analog output • No • at 40 °C rated value • at 60 °C rated value • at 230 V at 40 °C rated value • at 230 V at 40 °C rated value • at 230 V at 40 °C rated value • at 56 °C rated value • at 56 °C rated value • at 50 °C rated value • at 40 °C rated value • at 40 °C rated value • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value	pump ramp down	Yes
 evaluation of thermistor motor protection auto-RESET manual RESET remote reset communication function operating measured value display via software parameterizable voltage ramp voltage ramp totque control analog output operational current at 40 °C rated value at 50 °C rated value erlative negative tolerance of the operating voltage relative negative tolerance of the operating voltage at 230 V at 40 °C rated value at 50 Vz rated value at 230 V at 40 °C rated value at 50 Vz rated value at 50 Vz rated value at 230 V at 40 °C rated value at 50 Vz rated value at 50 Vz rated value at 230 V at 40 °C rated value at 230 V at 40 °C rated value at 50 Vz rated value at 200 Vz rated value at 200 Vz rated value at 200 Vz rated value at 230 V at 40 °C rated value at 230 V at 40 °C rated value at 500 Vz rated value at 230 V at 40 °C rated value at 250 Vz rated value <l< td=""><td> intrinsic device protection </td><td>Yes</td></l<>	 intrinsic device protection 	Yes
 auto-RESET manual RESET remote reset communication function operating measured value display error logbook evia software parameterizable via software configurable PROFlenergy voltage ramp torque control analog output no analog output No analog output operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value ared value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage at 40 °C rated value at 200 A operating positive tolerance of the operating voltage relative positive tolerance of the operating voltage at 230 V at 40 °C rated value at 230 V at 40 °C rated value at 200 KW Operating frequency 1 rated value at 200 V cat 200 V cat 200 V (rated value) at 2	motor overload protection	
manual RESET remote reset reset remote reset remote sories remote reset remote sories remote reset remote sories remote reset remote sories residence configurable relative negative tolerance of the operating voltage relative regative tolerance of the operating requency relative regative tolerance of the operating requency relative regative tolerance of the operating requency relative regative tolerance of the operating frequency relative regative tolerance of th	 evaluation of thermistor motor protection 	Yes; Type A PTC or Klixon / Thermoclick
remote reset communication function coperating measured value display error logbook via software parameterizable via software configurable voltage ramp voltage value voltage ramp voltage	auto-RESET	Yes
communication function operating measured value display error logbook via software parameterizable via software configurable voltage ramp torque control analog output Power Electronics operating voltage at 50 °C rated value at 60 °C rated value erated value operating power for 3-phase motors at 230 V at 40 °C rated value at 50 °C rated value at 50 °C rated value eat 40 °C rated value operating prequency 1 rated value at 50 °C rated value at 50 °C rated value eat 230 V at 40 °C rated value at 50 °C rated value at 50 °C rated value operating power for 3-phase motors at 230 V at 40 °C rated value at 50 °C rated value at 50 °C rated value at 50 °C rated value at 60 °C rated va	manual RESET	Yes
operating measured value display error logbook via software parameterizable via software configurable via software configurable via software configurable voltage ramp voltage ra	• remote reset	Yes; By turning off the control supply voltage
 error logbook via software parameterizable ivia software configurable PROFlenergy PROFlenergy ves; in connection with the PROFINET Standard communication module voltage ramp voltage ramp torque control analog output No analog output No Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operating voltage rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage at 230 V at 40 °C rated value at 230 V at 40 °C rated value at 230 V at 40 °C rated value at 400 V at 40 °C rated value at 500 V val 40 °C rated value at 500 V val 40 °C rated value at 500 V at 40 °C rated value at 500 Hz at 500 H	 communication function 	Yes
 via software parameterizable via software configurable Yes PROFlenergy voltage ramp torque control analog output No analog output No poerational current at 40 °C rated value at 50 °C rated value of crated value at 60 °C rated value be rated value coperating voltage fated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors at 230 V at 40 °C rated value at 400 V at 40 °C rated value at 400 V at 40 °C rated value at 400 V at 40 °C rated value at 500 V a	 operating measured value display 	
via software configurable PROFlenergy Yes; in connection with the PROFINET Standard communication module voltage ramp torque control No analog output Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value operating voltage rated value relative negative tolerance of the operating voltage operating power for 3-phase motors at 230 V at 40 °C rated value at 400 °C rated value operating power for 3-phase motors at 230 V at 40 °C rated value at 400 V at 40 °C rated value at 500 V at 40 °C r	error logbook	Yes; Only in conjunction with special accessories
PROFlenergy Ves; in connection with the PROFINET Standard communication module voltage ramp torque control analog output No Power Electronics operational current at 40 °C rated value at 60 °C rated value relative negative tolerance of the operating voltage at 230 V at 40 °C rated value at 400 V at 40 °C rated value at 400 V at 40 °C rated value at 500 V a	 via software parameterizable 	No
module • voltage ramp • torque control • no • analog output No Power Electronics operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value • rated value • rated value • rated value relative negative tolerance of the operating voltage • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value • at 230 V at 40 °C rated value • at 500	 via software configurable 	Yes
 torque control analog output No Power Electronics operational current at 40 °C rated value at 50 °C rated value at 60 °C rated value at 60 °C rated value 200 A operating voltage rated value 200 600 V relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors at 230 V at 40 °C rated value at 400 V at 40 °C rated value at 500 V at 40 °C rated value at 60 kW Operating frequency 1 rated value operating frequency 2 rated value of Hz relative negative tolerance of the operating frequency -10 %		·
analog output Power Electronics operational current at 40 °C rated value		Yes
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value • at 60 °C rated value • at 60 °C rated value • rated value 10 % relative positive tolerance of the operating voltage • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value	•	No
operational current • at 40 °C rated value • at 50 °C rated value • at 60 °C rated value • at 60 °C rated value • at 60 °C rated value operating voltage • rated value relative negative tolerance of the operating voltage • 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 Operating frequency 1 rated value Operating frequency 2 rated value For Hamber 250 Hz Operating frequency 2 rated value relative negative tolerance of the operating frequency -10 %		No
 at 40 °C rated value at 50 °C rated value at 60 °C rated value 200 A Operating voltage rated value 200 600 V relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage 10 % Operating power for 3-phase motors at 230 V at 40 °C rated value at 400 V at 40 °C rated value at 500 V at 40 °C rated value 160 kW Operating frequency 1 rated value 50 Hz Operating frequency 2 rated value 60 Hz relative negative tolerance of the operating frequency -10 % 	Power Electronics	
 at 50 °C rated value at 60 °C rated value 200 A Operating voltage rated value rated value 200 600 V relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors at 230 V at 40 °C rated value at 400 V at 40 °C rated value at 500 V at 40 °C rated value at 500 V at 40 °C rated value 60 kW Operating frequency 1 rated value 50 Hz Operating frequency 2 rated value 60 Hz relative negative tolerance of the operating frequency -10 % 	operational current	
operating voltage	 at 40 °C rated value 	250 A
operating voltage		
 rated value relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors at 230 V at 40 °C rated value at 400 V at 40 °C rated value at 500 V at 40 °C rated value 160 kW Operating frequency 1 rated value Operating frequency 2 rated value Fo Hz relative negative tolerance of the operating frequency -10 % 	at 60 °C rated value	200 A
relative negative tolerance of the operating voltage relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value 132 kW • at 500 V at 40 °C rated value Operating frequency 1 rated value Operating frequency 2 rated value For Hz Telative negative tolerance of the operating frequency -10 %		
relative positive tolerance of the operating voltage operating power for 3-phase motors • at 230 V at 40 °C rated value • at 400 V at 40 °C rated value • at 500 V at 40 °C rated value • at 500 V at 40 °C rated value Operating frequency 1 rated value Operating frequency 2 rated value relative negative tolerance of the operating frequency -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 %		
 at 230 V at 40 °C rated value at 400 V at 40 °C rated value at 500 V at 40 °C rated value 160 kW Operating frequency 1 rated value Operating frequency 2 rated value 60 Hz relative negative tolerance of the operating frequency -10 %		10 %
 at 400 V at 40 °C rated value at 500 V at 40 °C rated value 160 kW Operating frequency 1 rated value Operating frequency 2 rated value Felative negative tolerance of the operating frequency 132 kW 160 kW 160 kW 160 Hz 170 W 		
 at 500 V at 40 °C rated value Operating frequency 1 rated value Operating frequency 2 rated value Felative negative tolerance of the operating frequency 		
Operating frequency 1 rated value 50 Hz Operating frequency 2 rated value 60 Hz relative negative tolerance of the operating frequency -10 %		
Operating frequency 2 rated value 60 Hz relative negative tolerance of the operating frequency -10 %		
relative negative tolerance of the operating frequency -10 %	· · · · · · · · · · · · · · · · · · ·	
relative positive tolerance of the operating frequency 10 %		
		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 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
at rotary coding switch on switch position 8	170 A
, ,	
at rotary coding switch on switch position 9	180 A
 at rotary coding switch on switch position 10 	190 A
 at rotary coding switch on switch position 11 	200 A
 at rotary coding switch on switch position 12 	210 A
 at rotary coding switch on switch position 13 	220 A
 at rotary coding switch on switch position 14 	230 A
 at rotary coding switch on switch position 15 	240 A
 at rotary coding switch on switch position 16 	250 A
• minimum	100 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	
• 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	-15 %
voltage at 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	10 %
voltage frequency	
control supply current in standby mode rated value	30 mA
holding current in bypass operation rated value	105 mA
locked-rotor current at close of bypass contact maximum	2.2 A
inrush current peak at application of control supply voltage maximum	12.2 A
duration of inrush current peak at application of control supply voltage	2.2 ms
design of the overvoltage protection	Varistor
design of short-circuit protection for control circuit	4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature
design of effect effects protection for control effects	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
	not part of scope of supply
Inputs/ Outputs	not part of scope of supply
	1
number of digital inputs	1
number of digital inputs number of digital outputs	1 3
number of digital inputs number of digital outputs • not parameterizable	1 3 2
number of digital inputs number of digital outputs • not parameterizable digital output version	1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO)
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs	1 3 2
number of digital inputs number of digital outputs • not parameterizable digital output version	1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO)

• at DC-13 at 24 V rated value	1 A
Installation/ mounting/ dimensions	
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting
fortoning weath ad	surface +/- 22.5° tiltable to the front and back
fastening method	screw fixing
height	230 mm
width	160 mm 282 mm
depth	202
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	7.5 kg
type of electrical connection • for main current circuit	busbar connection
for control circuit width of connection bar maximum	screw-type terminals 35 mm; with connection cover 3RT1966-4EA1 maximum length 45 mm
	33 min, with connection cover 3KT 1900-4EAT maximum length 45 mm
 wire length for thermistor connection with conductor cross-section = 0.5 mm² maximum 	50 m
	150 m
 with conductor cross-section = 1.5 mm² maximum with conductor cross-section = 2.5 mm² maximum 	250 m
with conductor cross-section = 2.5 mm² maximum type of connectable conductor cross-sections	200 111
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
 at AWG cables for main contacts for box terminal using the front clamping point 	3/0 600 kcmil
 for main contacts for box terminal using the back clamping point solid 	120 240 mm²
 at 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 	120 185 mm²
 for main contacts for box terminal using the back clamping point finely stranded without core end processing 	120 185 mm²
 for main contacts for box terminal using the back clamping point stranded 	120 240 mm²
type of connectable conductor cross-sections	
 at AWG cables for main current circuit solid 	2/0 500 kcmil
 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	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)

and AWG cables for control circuit solid wire length between soft starter and motor maximum control circuit solid wire length between soft starter and motor maximum lightening torque of main contacts with screw-type terminals of or auxiliary and control contacts with screw-type terminals of or suciliary and control contacts with screw-type terminals of control contacts with screw-type terminals of control contacts with screw-type terminals of control contacts with screw-type terminals 124 210 lbf-in 7 10.3 lbf-in 124 210 lbf-in 7		1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
and A/MS cables for control circuit solid wire length between soft starter and motor maximum at the digital inputs at AC maximum 100 m Instituting torque for main contacts with screw-type terminals and control contacts with screw-type Internity torque [Birlin] for main contacts with screw-type terminals and control contacts with screw-type Internity torque [Birlin] for main contacts with screw-type terminals and control contacts with screw-type Internity torque [Birlin] for main contacts with screw-type terminals and control contacts with screw-type Internity and Control contact with	 for control circuit finely stranded with core end processing 	1. (0.0 2.0 IIIII), 2. (0.0 1.0 IIIIII)
wire length		1x (20 12), 2x (20 14)
elseween soft starter and motor maximum at the digital inputs at AC maximum Itightening torque el for main contacts with screw-type terminals for auxilizing and control contacts with screw-type eleminals Itightening torque [lbFin] el for main contacts with screw-type terminals el for auxilizing and control contacts with screw-type eleminals Ambient conditions Installation altitude at height above sea level maximum eluring storage and transport eluring operation eluring storage and transport eluring storage and transport eluring storage according to IEC 60721 eluring storage according to IEC 60721 eluring praper according to IEC 60721 eluring praper according to IEC 60721 eluring transport according to IEC		(20 iii 12); 2x (20 iii 11)
a the digital inputs at AC maximum tightening torque of or main contacts with screw-type terminals of the auxiliary and control contacts with screw-type terminals of auxiliary and contr	•	800 m
tightering torque • for main contacts with screw-type terminals • for availlary and control contacts with screw-type terminals fightering torque [lbFin] • for main contacts with screw-type terminals • for availlary and control contacts with screw-type terminals Ambient conditions Installation attitude at height above sea level maximum ambient temperature • during operation • during operation • during operation according to IEC 60721 • during parage and transport • during sperage according to IEC 60721 • during storage according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 60721 • PROFINED Transdard • Chemited interference • of circuit breaker • usable for High Faults up to 575/600 V according to IU. • of the fuse • usable for High Faults up to 575/600 V according to IU. • of the fuse • at 200/208 V at 50 ° C rated value • at 200/208 V at 50 ° C rated value • at 578/600 V at 50 ° C rated value • at 578/600 V at 50 ° C rated value • at 578/600 V at 50 ° C rated value • at 578/600 V at 50 ° C rated value • at 578/600 V at 50 ° C rated value • at 578/600 V at 50 ° C rated value • at 578/600 V at 50 ° C rated value • at 578/600 V at 50 ° C rated value • at 578/600 V at 50 ° C rated value • at 578/600 V at 5		
• for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals tightening torque (tibrin) • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contact from the front with cover • for for auxiliary and control contact fron the front with cover • for for auxiliary and control contact fron the front with cover • for for the fuse • for the fuse • for for the		1 000 111
e for auxiliary and control contacts with screw-type terminals tightening torque [thrin] • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals **Ambient conditions** installation altitude at height above sea level maximum ambient temperature • during peration • during geration according to IEC 60721 • during operation according to IEC 60721 • during geration according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 60721 • PROFINED* • PROFIBUS **UDCSA rathris** **manufacturer's article number • of circuit breaker • usable for High Faults at 460/480 V according to IU. • of the fuse • usable for High Faults at 460/480 V according to IU. • or the fuse • 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 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated value • at 400/480 V at 50 °C rated v		14 24 N·m
terminals for main contacts with screw-type terminals for main contacts with screw-type terminals for auxillary and control on the fort according to IEC 60721 for auxillary and for an auxillary a	•	
• for main contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals Ambiont conditions installation allitude at height above sea level maximum ambient temperature • during operation • 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 the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • PROFIBUS ULCSA ratings manufacturer's article number • of circuit breaker — usable for High Faults at 460/480 V according to IU. - usable for High Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable	,	0.0 1.2 N·III
• for main contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals Ambiont conditions installation allitude at height above sea level maximum ambient temperature • during operation • 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 the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • during the first developed according to IEC 60721 • PROFIBUS ULCSA ratings manufacturer's article number • of circuit breaker — usable for High Faults at 460/480 V according to IU. - usable for High Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable for Figh Faults up to 575/600 V according to IU. - usable	tightening torque [lbf·in]	
Ambient conditions Installation altitude at height above sea level maximum ambient temperature • during operation • during storage and transport • during peration according to IEC 60721 • during storage according to IEC 60721 • during fransport according to IEC 60721 • during storage and transport • during storage and storage and storage and storage and storage and storage and stora		124 210 lbf·in
Ambient conditions Installation altitude at height above sea level maximum ambient temperature • during poration • during storage and transport • during storage according to IEC 60721 • during transport according to IEC 60721 EMC emitted interference Communication/Protocol communication/Protocol communication/Protocol communication/Protocol communication/Protocol ves • PROFINET standard • PROFINET standard • PROFINES • Modbus RTU • Modbus RTU • Yes • PROFIBUS UL/GSA ratings manufacturer's article number • of circuit breaker — usable for High Faults at 460/480 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 (hpj for 3-phase motors • at 200/230 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 460/480 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 460/480 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 • 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 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 • at 675/600 V at 50 °C rated value • at 675/600 V at 50 °C rated value • at 675/600 V at 50 °C rated value • at 675/600 V at 50 °C rated value • at 675/600 V at 50		7 10.3 lbf·in
Installation altitude at height above sea level maximum ambient temperature • during poperation • during storage and transport • during storage and transport • during storage and transport • during storage according to IEC 60721 • during transport according to IEC 60721 EMC emitted interference Communication Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFISUS ULICSA ratings manufacturer's article number • of circuit breaker — usable for High Faults up to 575/600 V according to UL • of the fuse — usable for High Faults up to 575/600 V according to UL • operating power (hpj for 3-phase motors • at 200/230 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 60 Np • at 460/480 V at 50 °C rated value • at 60 Np • at 575/600 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 60 Np • at 60 N	,	
ambient temperature • during operation • during storage and transport • during operation according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 EMC emitted interference Communication Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFINET standard • PROFIBUS UL/GSA ratings manufacture's article number • of circuit breaker — usable for High Faults at 460/480 V according to UL • or of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL operating power [fp] for 3-phase motors • at 200/280 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 460/480 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 460/480 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 4575/600 V at 50 °C rated value • at 4575/600 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 460/480 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 460/480 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 460/480 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 460/480 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 460/480 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 675/600 V at 50 °C rated value • at 675/600 V at 50 °C rated value • at 675/600 V at 50 °C rated value • at 675/600 V at 50 °C rated value • at 675/600 V at 50 °C rated value • at 675/600 V at 50 °C rated value • at 675/600 V at 50 °C rated va	Ambient conditions	
during operation during storage and transport during operation according to IEC 60721 during storage according to IEC 60721 during transport according to IEC 60529 during transport according to IEC 61508 relating to ATEX during transport according to IEC 61508 relating to ATEX during transport according to IEC 61508 relating to ATEX during transport according to IEC 61508 relating to ATEX during transport according to IEC 61508 relating to ATEX during transport according to IEC 61508 relating to ATEX during transport according to IEC 61508 relating to ATEX during transport according to IEC 61508 relating to ATEX	installation altitude at height above sea level maximum	5 000 m; derating as of 1000 m, see Manual
above during storage and transport eduring operation according to IEC 60721 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 communication Protecol communication Protecol communication Protecol e Etherhett/IP Modbus RTU Mo	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 EMC emitted interference Communication Protocol communication Protocol communication module is supported • PROFINET standard • EtherNetilP • Modbus RTU • Modbus RTU • Modbus RTU • PROFIBUS PROFIBUS PROFIBUS Tyes usable for High Faults at 460/480 V according to IU • of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/280 V at 50 °C rated value • at 220/2280 V at 50 °C rated value • at 575/600 V at 50 °C ra	 during operation 	· · · · · · · · · · · · · · · · · · ·
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 EMC emitted interference Communication Protocol communication Protocol communication module is supported • PROFINET standard • EtherNetilP • Modbus RTU • Modbus RTU • Modbus RTU • PROFIBUS PROFIBUS PROFIBUS Tyes usable for High Faults at 460/480 V according to IU • of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/280 V at 50 °C rated value • at 220/2280 V at 50 °C rated value • at 575/600 V at 50 °C ra	 during storage and transport 	-40 +80 °C
during operation according to IEC 60721 during storage according to IEC 60721 during storage according to IEC 60721 during transport according to IEC 60721 According to IEC 60721 during transport according to IEC 61708 relating to ATEX 340 during transport according to IEC 61708 relating to ATEX 340 during transport according to IEC 61721 during transport according to IEC 61722 during transport according to		
oluring storage according to IEC 60721 oluring transport according to IEC 60721 oluring transport according to IEC 60721 eduring transport according to IEC 60721 EMC emitted interference Communication/Protocol communication module is supported PROFINET standard PROFINET standard PROFINET standard PROFIDED PROFIBUS ULCSA 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 Standard Faults up to 575/600 V according to UL operating power (high Faults up to 575/600 V according to UL operating power (high Faults at 460/480 V according to UL operating power (high Faults at 460/480 V according to UL operating power (high Faults are vice) at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 357/500 V at 50 °C rated value		
e during transport according to IEC 60721 EMC emitted interference acc. to IEC 60947-4-2: Class A Communication/ Protocol communication module is supported PROFINET standard EtherNet/IP Modbus RTU Modbus RTU Modbus TCP PROFIBUS Ves Ves Ves Ves Ves Ves Ves Ve	 during storage according to IEC 60721 	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must
EMC emitted interference Communication/ Protocol communication module is supported PROFINET standard EtherNet/IP Modbus RTU Modbus RTU Modbus TCP PROFIBUS UL/CSA ratings manufacturer's article number of circuit breaker — usable for High Faults at 460/480 V according to UL 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 200/208 V at 50 °C rated value at 460/480 V at 50 °C rated value at 575/600 V at 50 °C rated value at 60 hp Type: Class L, max. 800 A; Iq = 18 kA Type: Class L, max. 800 A; Iq = 100 kA Type: Class L, max. 80	e during transport asserding to IEC 00704	,
communication module is supported PROFINET standard EtherNet/IP Modbus RTU Modbus RTU PROFIBUS Ves PROFIBUS Ves 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 High Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL Operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 220/230 V at 50 °C rated value at 260/230 V at 50 °C rated value for high Faults up to 575/600 V at 50 °C rated value for high Faults up to 575/600 V at 50 °C rated value for high Faults up to 575/600 V at 50 °C rated value at 260/230 V at 50 °C rated value for high Faults up to 575/600 V at 50 °C rated value for high Faults up to 575/600 V at 50 °C rated value at 260/230 V at 50 °C rated value for high Faults up to 575/600 V at 50 °C rated value at 260/230 V at 50 °C rated value at 260/230 V at 50 °C rated value for high Faults up to 575/600 V at 50 °C rated value at 260/230 V at 50 °C rated value at 260/230 V at 50 °C rated value for high Faults up to 575/600 V at 50 °C rated value at 260/230 V at 50 °C rated value at 260/230 V at 50 °C rated value for high Faults up to 575/600 V at 50 °C rated value at 260/230 V at 50 °C rated value for high Faults up to 575/600 V at 50 °C rated value at 260/230 V at 50 °C rated value for high Faults up to 575/600 V at 50 °C rated value at 260/230 V at 50 °C rated value for high Faults up to 575/600 V at 50 °C rated value for high Faults up to 575/600 V at 50 °C rated value for high Faults up to 575/		
communication module is supported PROFINET standard EtherNet/IP Hodobus RTU Modobus RTU Pres Modobus RTU Pres PROFIBUS Pres Pres PROFIBUS Pres Manufacturer'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 — 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 220/220 V at 50 °C rated value at 220/230 V at 50 °C rated value at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 460/480 V at 50 °C rated value at 450/480 V at 50 °C rated value at 50 fbp at 460/480 V at 50 °C rated value from the front according to IEC fotoge Type: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Prove Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Type: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL Ippe: Class L, max. 800 A; Iq = 100 kA according to UL		acc. to IEC 60947-4-2: Class A
PROFINET standard EtherNet/IP Modbus RTU Modbus RTU Modbus TCP PROFIBUS Pres PROFIBUS Wes ULCSA 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 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 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 UL — usable for Standard Faults up to 575/600 V according to UL Type: Class L, max. 800 A; Iq = 18 kA Type: Class L, max. 800 A; Iq = 100 kA 10 bp; Class L, max. 800 A; Iq = 100 kA 10 bp; Class L, max. 800 A; Iq = 100 kA 10 bp; Class L, max. 800 A; Iq = 100 kA 10 bp; Class L, max. 800 A; Iq = 100 kA 10 bp; Class L, max. 800 A; Iq = 100 kA 10 bp; Class L, max. 800 A; Iq = 100 kA 10 bp; Class L, max. 800 A; Iq = 100 kA 10 bp; Class L, max. 800 A; Iq max = 65 kA 10 bp; Class L, max. 800 A; Iq max = 65 kA 10 bp; Class L, max. 800 A; Iq max = 65 kA 10 bp; Class L, max. 800 A; Iq max = 65 kA 10 bp; Class L, max. 800 A; Iq max = 65 kA 10 bp; Class L, max. 800 A; Iq max = 65 kA 10 bp; Class L, max. 800 A; Iq max = 65 kA 10 bp; Class L, max. 800 A; Iq max = 65 kA 10 bp; Class L, max. 800 A; Iq max = 65 kA 10 bp; Class L, max. 800 A; Iq max = 65 kA 10 bp; Class L, max. 800 A; Iq max = 65 kA 10 bp; Class L, max. 800 A; Iq max = 65 kA 10		
EtherNet/IP Modbus RTU Modbus TCP PROFIBUS Yes Yes Yes PROFIBUS Wes Ves 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 — 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 Tigh 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 Type: Class L, max. 800 A; Iq = 100 kA Type: Class L, max. 800 A; Iq = 100 kA Type: Class L, max. 800 A; Iq = 100 kA In the function of A to the function of the foot of the function o		
Modbus RTU Modbus TCP PROFIBUS Yes Yes Yes Ves UL/CSA ratings manufacturer's article number of circuit breaker — usable for High Faults at 460/480 V according to UL of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 200/208 V at 50 °C rated value at 2575/600 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 for high Faults up to 575/600 V according to UL protection class IP on the front according to IEC for seal of the foot according to IEC for seal of th		
Modbus TCP PROFIBUS PROFIBUS 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 Operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 220/230 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 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 ATEX certificate of suitability • ATEX • IECEX Proavy with low demand rate according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX Proavy with low demand rate according to IEC 61508 relating to ATEX	EtherNet/IP	Yes
PROFIBUS Wes 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 — 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 IEC 60 hp Type: Class L, max. 800 A; Iq = 18 kA According to Ka Type: Class L, max. 800 A; Iq = 100 kA		Yes
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 Type: Class L, max. 800 A; Iq = 100 kA 200 hp e at 200/208 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 Safety 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 ATEX certificate of suitability • ATEX • IECEx AYES IECEX AYES IECEX Pyes hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX		Yes
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 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 otherwise at 200/208 V at 50 °C rated value otherwise at 260/208 V at 50 °C rated value otherwise at 460/480 V at 50 °C rated value otherwise at 575/600 V at 50 °C rated value otherwise at 575/600 V at 50 °C rated value otherwise at 575/600 V at 50 °C rated value otherwise at 575/600 V at 50 °C rated value 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 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 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 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 finger-safe, for vertical contact from the front with cover ATEX of IECEX Yes hardware fault tolerance according to IEC 61508 relating to ATEX PFDayg with low demand rate according to IEC 61508 relating to ATEX	• PROFIBUS	Yes
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. operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 220/230 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 457/600 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 on the front according to IEC 60529 touch protection class IP on the front according to IEC 60529 ATEX certificate of suitability • ATEX • IECEx hardware fault tolerance according to IEC 61508 relating to ATEX PFDayg with low demand rate according to IEC 61508 relating to ATEX PFDayg with low demand rate according to IEC 61508 relating to ATEX 0.09	UL/CSA ratings	
- 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 Value At 200 Appendix According to UL - usable for High Faults up to 575/600 V according to Value At 200 Appendix According to Value At 200 Appendix According to Value Acco	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 • 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 200 hp Safety related data protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX certificate of suitability • ATEX • IECEx hardware fault tolerance according to IEC 61508 relating to ATEX PFDayg with low demand rate according to IEC 61508 relating to ATEX PFDayg with low demand rate according to IEC 61508 relating to ATEX 0.09	of circuit breaker	
- usable for Standard Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 220/230 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 600/208 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 ATEX certificate of suitability • ATEX • IECEX hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX 0.09		0:
according to UL — usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 220/230 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 575/600 V at 50 °C rated value protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX certificate of suitability • ATEX • IECEX hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX Operating Power [high Faults up to 575/600 V at 50 °C rated value 60 hp 60 hp 75 hp 90 hp 90 pp 90 p	to UL	Siemens type: 3VA54, max. 600 A; Iq max = 65 kA
according to UL operating power [hp] for 3-phase motors • 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 class IP on the front according to IEC 60529 IP00; IP20 with cover 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front with cover ATEX certificate of suitability • ATEX • IECEx hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX O.09	to UL	
 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 200 hp Safety related data protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX certificate of suitability ATEX IECEX IECEX IECEX Proof page with low demand rate according to IEC 61508 relating to ATEX O09 O09 0.09 0.09 0.09	to UL • of the fuse — usable for Standard Faults up to 575/600 V	
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 200 hp Safety related data protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX certificate of suitability ATEX IPO0; IP20 with cover finger-safe, for vertical contact from the front with cover Yes IECEX hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX O.09	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	Type: Class L, max. 800 A; Iq = 18 kA
at 460/480 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 according to IEC 60529 touch protection on the front according to IEC 60529 ATEX certificate of suitability ATEX IECEX ATEX IECEX ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX O 0.09 150 hp 200 hp IP00; IP20 with cover finger-safe, for vertical contact from the front with cover Yes 0 0 0 0.09	to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors	Type: Class L, max. 800 A; Iq = 18 kA
at 575/600 V at 50 °C rated value Safety related data protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX certificate of suitability • ATEX • IECEX hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX 0.09 0.09	to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors	Type: Class L, max. 800 A; Iq = 18 kA Type: Class L, max. 800 A; Iq = 100 kA
protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX certificate of suitability • ATEX • IECEX hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX 0.09 1P00; IP20 with cover IP00; IP20 with cover IP00; IP20 with cover	to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value	Type: Class L, max. 800 A; Iq = 18 kA Type: Class L, max. 800 A; Iq = 100 kA
protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX certificate of suitability • ATEX • IECEX hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX 0.09 relating to ATEX	to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 220/230 V at 50 °C rated value	Type: Class L, max. 800 A; lq = 18 kA Type: Class L, max. 800 A; lq = 100 kA 60 hp 75 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 • IECEX hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX 0.09	to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 220/230 V at 50 °C rated value • at 460/480 V at 50 °C rated value	Type: Class L, max. 800 A; Iq = 18 kA Type: Class L, max. 800 A; Iq = 100 kA 60 hp 75 hp 150 hp
Certificate of suitability • ATEX • IECEX hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX O.09 relating to ATEX	to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 575/600 V at 50 °C rated value	Type: Class L, max. 800 A; Iq = 18 kA Type: Class L, max. 800 A; Iq = 100 kA 60 hp 75 hp 150 hp
Certificate of suitability • ATEX • IECEX hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX O.09 relating to ATEX	to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 575/600 V at 50 °C rated value Safety related data protection class IP on the front according to IEC	Type: Class L, max. 800 A; lq = 18 kA Type: Class L, max. 800 A; lq = 100 kA 60 hp 75 hp 150 hp 200 hp
certificate of suitability • ATEX • IECEX Yes hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX 0.09	to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 220/230 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 575/600 V at 50 °C rated value Safety related data protection class IP on the front according to IEC 60529	Type: Class L, max. 800 A; Iq = 18 kA Type: Class L, max. 800 A; Iq = 100 kA 60 hp 75 hp 150 hp 200 hp IP00; IP20 with cover
● ATEX ● IECEx Hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX O.09	to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 220/230 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 575/600 V at 50 °C rated value Safety related data protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529	Type: Class L, max. 800 A; Iq = 18 kA Type: Class L, max. 800 A; Iq = 100 kA 60 hp 75 hp 150 hp 200 hp IP00; IP20 with cover
● IECEX hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX 0.09	to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 575/600 V at 50 °C rated value at 575/600 V at 50 °C rated value Safety related data protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529	Type: Class L, max. 800 A; Iq = 18 kA Type: Class L, max. 800 A; Iq = 100 kA 60 hp 75 hp 150 hp 200 hp
hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX 0.09	to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 575/600 V at 50 °C rated value at 575/600 V at 50 °C rated value at 575/600 V at 50 °C rated value Safety related data protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX certificate of suitability	Type: Class L, max. 800 A; Iq = 18 kA Type: Class L, max. 800 A; Iq = 100 kA 60 hp 75 hp 150 hp 200 hp IP00; IP20 with cover finger-safe, for vertical contact from the front with cover
PFDavg with low demand rate according to IEC 61508 0.09 relating to ATEX	to UL • of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value • at 220/230 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 575/600 V at 50 °C rated value Safety related data protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX certificate of suitability • ATEX	Type: Class L, max. 800 A; Iq = 18 kA Type: Class L, max. 800 A; Iq = 100 kA 60 hp 75 hp 150 hp 200 hp IP00; IP20 with cover finger-safe, for vertical contact from the front with cover
•	to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 575/600 V at 50 °C rated value at 575/600 V at 50 °C rated value at 575/600 V at 50 °C rated value Safety related data protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX certificate of suitability ATEX IECEX hardware fault tolerance according to IEC 61508	Type: Class L, max. 800 A; Iq = 18 kA Type: Class L, max. 800 A; Iq = 100 kA 60 hp 75 hp 150 hp 200 hp IP00; IP20 with cover finger-safe, for vertical contact from the front with cover Yes Yes
	to UL of the fuse usable for Standard Faults up to 575/600 V according to UL usable for High Faults up to 575/600 V according to UL operating power [hp] for 3-phase motors at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 575/600 V at 50 °C rated value at 575/600 V at 50 °C rated value at 575/600 V at 50 °C rated value Safety related data protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX certificate of suitability ATEX IECEX hardware fault tolerance according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508	Type: Class L, max. 800 A; Iq = 18 kA Type: Class L, max. 800 A; Iq = 100 kA 60 hp 75 hp 150 hp 200 hp IP00; IP20 with cover finger-safe, for vertical contact from the front with cover Yes Yes 0

relating to ATEX	
Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX	SIL1
T1 value for proof test interval or service life according to IEC 61508 relating to ATEX	3 y

Certificates/ approvals

General Product Approval

For use in hazardous locations













For use in hazardous locations Declaration of Conformity

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report







other

Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5073-6TB15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5073-6TB15

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5073-6TB15

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5073-6TB15&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RW5073-6TB15/char

Characteristic: Installation altitude

 $\underline{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5073-6TB15\&objecttype=14\&gridview=view1}$

Simulation Tool for Soft Starters (STS)

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

last modified: 4/11/2022 🖸