SIEMENS

Data sheet

3RW5548-6HA14



SIRIUS soft starter 200-480 V 570 A, 110-250 V AC Screw terminals

CLASS 10
CLASS 10
CLASS 10
CLASS 10

accuracy class acc. to IEC 61557-12	5 %
certificate of suitability	
CE marking	Yes
 UL approval 	Yes
CSA approval	Yes
product component	
HMI-High Feature	Yes
 is supported HMI-High Feature 	Yes
product feature integrated bypass contact system	Yes
number of controlled phases	3
trip class	CLASS 10A / 10E (default) / 20E / 30E; acc. to IEC 60947-4-2
current unbalance limiting value [%]	10 60 %
ground-fault monitoring limiting value [%]	10 95 %
recovery time after overload trip adjustable	60 1 800 s
buffering time in the event of power failure	
 for main current circuit 	100 ms
for control circuit	100 ms
idle time adjustable	0 255 s
insulation voltage rated value	480 V
degree of pollution	3, acc. to IEC 60947-4-2
impulse voltage rated value	6 kV
blocking voltage of the thyristor maximum	1 400 V
service factor	1.15
surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation	
 between main and auxiliary circuit 	480 V; does not apply for thermistor connection
utilization category acc. to IEC 60947-4-2	AC 53a
shock resistance	15 g / 11 ms, from 6 g / 11 ms with potential contact lifting
vibration resistance	15 mm up to 6 Hz; 2 g up to 500 Hz
VIDIALIOITTESISLATICE	13 mm up to 6 mz, z g up to 500 mz
reference code acc. to IEC 81346-2	Q
reference code acc. to IEC 81346-2	Q
reference code acc. to IEC 81346-2 Substance Prohibitance (Date)	Q
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function	Q 15.02.2018 00:00:00
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting)	Q 15.02.2018 00:00:00 Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop)	Q 15.02.2018 00:00:00 Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse	Q 15.02.2018 00:00:00 Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation	Q 15.02.2018 00:00:00 Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • motor overload protection	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • evaluation of thermistor motor protection • inside-delta circuit • auto-RESET	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • motor overload protection • inside-delta circuit • auto-RESET • manual RESET	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • motor overload protection • motor RESET • manual RESET • remote reset	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • motor overload protection • motor RESET • manual RESET • remote reset • communication function	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • motor overload protection • motor eletta circuit • auto-RESET • remote reset • communication function • operating measured value display • event list	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • motor overload protection • auto-RESET • manual RESET • remote reset • communication function • operating measured value display • event list • error logbook	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function ramp-up (soft starting) ramp-down (soft stop) breakaway pulse adjustable current limitation creep speed in both directions of rotation pump ramp down DC braking motor heating slave pointer function trace function intrinsic device protection motor overload protection evaluation of thermistor motor protection inside-delta circuit auto-RESET remote reset communication function operating measured value display event list error logbook via software parameterizable	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes
reference code acc. to IEC 81346-2 Substance Prohibitance (Date) product function • ramp-up (soft starting) • ramp-down (soft stop) • breakaway pulse • adjustable current limitation • creep speed in both directions of rotation • pump ramp down • DC braking • motor heating • slave pointer function • trace function • intrinsic device protection • motor overload protection • motor overload protection • auto-RESET • manual RESET • remote reset • communication function • operating measured value display • event list • error logbook	Q 15.02.2018 00:00:00 Yes Yes Yes Yes Yes Yes Yes Yes

 spring-type terminal 	No
PROFlenergy	Yes; in connection with the PROFINET Standard and PROFINET High-
	Feature communication modules
 firmware update 	Yes
 removable terminal for control circuit 	Yes
 voltage ramp 	Yes
torque control	Yes
 combined braking 	Yes
 analog output 	Yes; 4 20 mA (default) / 0 10 V
 programmable control inputs/outputs 	Yes
 condition monitoring 	Yes
 automatic parameterisation 	Yes
 application wizards 	Yes
 alternative run-down 	Yes
 emergency operation mode 	Yes
reversing operation	Yes
 soft starting at heavy starting conditions 	Yes
Power Electronics	
operational current	
• at 40 °C rated value	570 A
• at 40 °C rated value minimum	114 A
• at 50 °C rated value	504 A
• at 60 °C rated value	460 A
operational current at inside-delta circuit	
• at 40 °C rated value	987 A
• at 50 °C rated value	873 A
• at 60 °C rated value	796 A
operating voltage	
rated value	200 480 V
 at inside-delta circuit rated value 	200 480 V
relative negative tolerance of the operating voltage	-15 %
relative positive tolerance of the operating voltage	10 %
relative negative tolerance of the operating voltage at	-15 %
inside-delta circuit	
relative positive tolerance of the operating voltage at inside-delta circuit	10 %
operating power for 3-phase motors	
 at 230 V at 40 °C rated value 	160 kW
 at 230 V at inside-delta circuit at 40 °C rated value 	315 kW
 at 400 V at 40 °C rated value 	315 kW
 at 400 V at inside-delta circuit at 40 °C rated value 	560 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 %
minimum load [%]	10 %; Relative to set le
power loss [W] for rated value of the current at AC	
• at 40 °C after startup	171 W
• at 50 °C after startup	151 W
at 60 °C after startup	141 W
power loss [W] at AC at current limitation 350 %	
• at 40 °C during startup	10 229 W
• at 50 °C during startup	8 488 W
at 60 °C during startup	7 651 W
type of the motor protection	Electronic, tripping in the event of thermal overload of the motor
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
• at 50 Hz	110 250 V

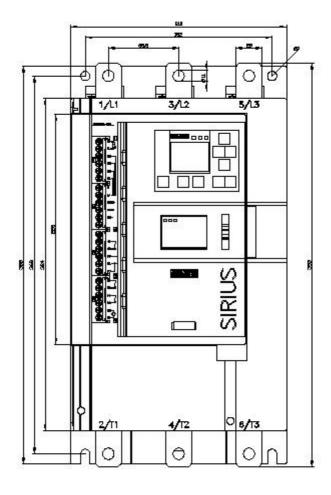
• at 60 Hz	110 250 V
relative negative tolerance of the control supply voltage at AC at 50 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 50 Hz	10 %
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 60 Hz	10 %
control supply voltage frequency	50 60 Hz
relative negative tolerance of the control supply voltage frequency	-10 %
relative positive tolerance of the control supply voltage frequency	10 %
control supply current in standby mode rated value	100 mA
holding current in bypass operation rated value	150 mA
locked-rotor current at close of bypass contact maximum	0.87 A
inrush current peak at application of control supply voltage maximum	43 A
duration of inrush current peak at application of control supply voltage	1.6 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	4
parameterizable	4
number of inputs for thermistor connection	1; Type A PTC or Klixon / Thermoclick
 number of digital outputs 	4
 number of digital outputs parameterizable 	3
 number of digital outputs not parameterizable 	1
digital output version	3 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	Vertical (can be rotated +/- 90° and tilted forward or backward +/- 22.5°)
fastening method	screw fixing
height	393 mm
width	210 mm
depth	203 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	10.9 kg
Connections/ Terminals	
type of electrical connection	
 for main current circuit 	busbar connection
for control circuit	screw-type terminals
width of connection bar maximum	45 mm
wire length for thermistor connection	
 with conductor cross-section = 0.5 mm² maximum 	50 m
 with conductor cross-section = 1.5 mm² maximum 	150 m
 with conductor cross-section = 2.5 mm² maximum 	250 m

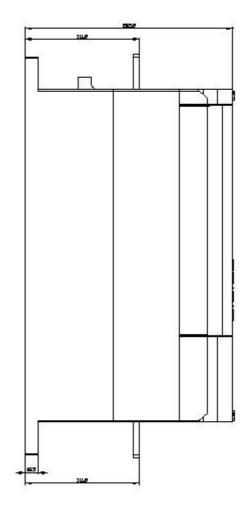
installation altitude at height above sea level maximum 5 000 m; Derating as of 1000 m, see catalog ambient temperature -25 +60 °C; Please observe derating at temperatures of 40 °C or above • during storage and transport -40 +80 °C environmental category -40 +80 °C • during storage acc. to IEC 60721 3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6 • during storage acc. to IEC 60721 1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4 • during transport acc. to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) eMC emitted interference acc. to IEC 60947-4-2: Class A Communication module is supported Yes • PROFINET standard Yes • PROFINET high-feature Yes • Modbus RTU Yes • Modbus TCP Yes • PROFIBUS Yes		
	type of connectable conductor cross-sections	
type of connectable conductor cross-sections 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) i for control circuit finely standed with core end processing 1x (0.5 4.0 mm²), 2x (0.5 15 mm²) i at AVC cables for control circuit solid 1x (0.5 4.0 mm²), 2x (0.5 15 mm²) i edvess soft statter and motor maximum 800 m i edvess soft statter and motor maximum 800 m i or main contacts with screw-type terminals 14 24 Nm i or nain contacts with screw-type terminals 14 210 lbr in i or auxliary and control contacts with screw-type terminals 5.000 m; Derating as of 1000 m, see catalog ethring sprage and transport	 for DIN cable lug for main contacts stranded 	2x (50 240 mm²)
		2x (70 240 mm²)
A WG cables for control circuit nell solid A WG cables for control circuit solid A wG cables for control wG cables A wG cables for wG cables A wG cables for wG cables A wG cables for wG cables A wG cab	type of connectable conductor cross-sections	
processing = K-WC cables for control circuit solid 1x (20 12), 2x (20 14) wire length 800 m • between soft slatter and motor maximum 800 m • at the digital inputs at DC maximum 1000 m • for main contrads with screw-type terminals 0 12 N m • for main control contacts with screw-type terminals 0.8 12 N m • for main contacts with screw-type terminals 7 10.3 lbfin • for main contacts with screw-type terminals 5.000 m; Derating as of 1000 m, see catalog • for main contacts with screw-type terminals 5.000 m; Derating as of 1000 m, see catalog • during operation 5.000 m; Derating as of 1000 m, see catalog • during operation 5.000 m; Derating as of 1000 m, see catalog • during operation 5.000 m; Derating as of 1000 m, see catalog • during operation 5.000 m; Derating as of 1000 m, see catalog • during operation acc. to IEC 60721 36G (not is comation, only occasional contenestion), 3C3 (no salt mit), 352 (sand must not get into the devices), 3MB • during transport acc. to IEC 60721 242, 123, 12M (ram, tall height 0.3 m) • during transport acc. to IEC 60721 245, 12M (ram, tall height 0.3 m) • during transport acc. to IEC 60721	 for control circuit solid 	
wire length Bothween soft starter and motor maximum Bothween soft starter and motor maximum et the digital inputs at DC maximum 1000 m tor main contrates with screw-type terminals et or auxilary and control contacts with screw-type terminals for auxilary and control contacts with screw-type ferninals for auxilary and transport full and transport full and transport full and transport full and transport	· · · · · · · · · · · · · · · · · · ·	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
	 at AWG cables for control circuit solid 	1x (20 12), 2x (20 14)
	wire length	
tightening torque 1424 N m • for main contacts with screw-type terminals 081.2 N m • for main contacts with screw-type terminals 081.2 N m • for main contacts with screw-type terminals 124210 lbf:in • for main contacts with screw-type terminals 124210 lbf:in • for main contacts with screw-type terminals 5000 m; Derating as of 1000 m, see catalog • anbent control contacts with screw-type - 5000 m; Derating as of 1000 m, see catalog • anbent control contacts with screw-type - 600 m; Derating as of 1000 m, see catalog • during storage and transport - 400 "C. Please observe derating at temperatures of 40 "C or above • during storage and transport - 40 480 "C. Please observe derating at temperatures of 40 "C or above • during storage acc. to IEC 60721 3K6 (no lo formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6 • during transport acc. to IEC 60721 TK6 (noil y occasional condensation), 1C2 (no salt mist), IS2 (sand must not get into the devices), 3M6 • during transport acc. to IEC 60721 Yes • FROFINET standard Yes • FROFINET standard Yes • FROFINET high-feature Yes • FROFINET standard<	 between soft starter and motor maximum 	800 m
• for main contacts with screw-type terminals 14 24 k m • for main contacts with screw-type terminals 0.8 1.2 k m • for main contacts with screw-type terminals 0.8 1.2 k m • for main contacts with screw-type terminals 7 10.3 lbf-in • for main contacts with screw-type terminals 7 10.3 lbf-in • for main contacts with screw-type terminals 5.000 m; Derating as of 1000 m; see catalog • during storage and transport -4.0 +60 °C • during operation -25 +60 °C; Please observe derating at temperatures of 40 °C or above • during storage and transport -40 +80 °C • during storage and transport -40 +80 °C • during storage acc. to IEC 60721 3K6 (no loe formation; only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6 • during storage acc. to IEC 60721 2K2, 2C1, 2S1, X21, X21, X21, X21, X21, X21, X21, X2	 at the digital inputs at DC maximum 	1 000 m
• for auxiliary and control c	tightening torque	
tightening torque [IbFin] • for main contacts with screw-type terminals • for auxilary and control contacts with screw-type terminals • for auxilary and control contacts with screw-type terminals • for auxilary and control contacts with screw-type terminals • for auxilary and control contacts with screw-type terminals • for auxilary and control contacts with screw-type terminals • for auxilary and control contacts with screw-type terminals • for auxilary and control contacts with screw-type terminals • for auxilary and control contacts with screw-type terminals • for auxilary and control contacts with screw-type terminals • for auxilary and control contacts with screw-type terminals • for auxilary and control contacts with screw-type terminals • during strage and transport -25 +60 °C. • during transport acc. to IEC 60721 3K6 (no) ter formation, only occasional condensation), 3G3 (no salt miss), 3S2 (and must not opt into the devices), 3M6 • during transport acc. to IEC 60721 2KC 2C1, 2S1, X12, X2 (max fait height 0.3 m) • during transport acc. to IEC 60721 2KC 2C1, 2S1, X12, X2 (max fait height 0.3 m) • Communication module is supported Yes • PROFINET standard Yes • PROFINET standard Yes • PROFINET standrad	 for main contacts with screw-type terminals 	14 24 N·m
 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 Installation altitude at height above sea level maximum ambient tomperature during operation during operation acts to IEC 60721 during storage and transport during storage acc. to IEC 60721 during transport acc. to IEC 60721 durit 60 (Net C		0.8 1.2 N·m
for auxiliary and control contacts with screw-type immais Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during operation • during operation acc. to IEC 60721 • during operation acc. to IEC 60721 • during operation acc. to IEC 60721 • during storage acc. to IEC 60721 • during operation acc. to IEC 60721 • during transport acc. to IEC 60721 • during transpo	tightening torque [lbf·in]	
terminals Amblent conditions Installation attilude at height above sea level maximum 5 000 m; Derating as of 1000 m, see catalog ambient temperature - 40 + 60 °C; Please observe derating at temperatures of 40 °C or above • during storage and transport -40 + 80 °C environmental category -40 ining operation acc. to IEC 60721 -46 °C; Please observe derating at temperatures of 40 °C or above • during storage acc. to IEC 60721 -46 °C; Please observe derating at temperatures of 40 °C or above • during storage acc. to IEC 60721 -25 + 60 °C; Please observe derating at temperatures of 40 °C or above • during storage acc. to IEC 60721 24 C2, 221, 251, 221, 202 (max, fail height 0.3 m) • during transport acc. to IEC 60721 24 C2, 221, 221, 221, 221, 221, 221, 221,	 for main contacts with screw-type terminals 	124 210 lbf·in
Installation altitude at height above sea level maximum 5 000 m; Derating as of 1000 m, see catalog ambient temperature - during storage and transport - during storage and transport -40 +80 °C environmental category - during storage act. to IEC 60721 - during storage acc. to IEC 60721 3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get inside the devices), 3M6 - during transport acc. to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. Ial height 0.3 m) EMC emitted interference acc. to IEC 60947.4-2: Class A Communication/ Protocol acc. to IEC 60947.4-2: Class A Communication module is supported Yes • PROFINET standard Yes • PROFINET standard Yes • Or the fuse Yes - usable for Standard Faults up to 575/600 V according to UL Type: Class J / L, max. 1600 A; lq = 30 kA - usable for Standard Faults up to 575/600 V according to UL Type: Class J / L, max. 1600 A; lq = 30 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1600 A; lq = 30 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1600 A; lq = 30 kA - usable for High Faults at inside-delta circuit up to 575/6		7 10.3 lbf·in
Installation altitude at height above sea level maximum 5 000 m; Derating as of 1000 m, see catalog ambient temperature - during storage and transport - during storage and transport -40 +80 °C environmental category - during storage act. to IEC 60721 - during storage acc. to IEC 60721 3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get inside the devices), 3M6 - during transport acc. to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. Ial height 0.3 m) EMC emitted interference acc. to IEC 60947.4-2: Class A Communication/ Protocol acc. to IEC 60947.4-2: Class A Communication module is supported Yes • PROFINET standard Yes • PROFINET standard Yes • Or the fuse Yes - usable for Standard Faults up to 575/600 V according to UL Type: Class J / L, max. 1600 A; lq = 30 kA - usable for Standard Faults up to 575/600 V according to UL Type: Class J / L, max. 1600 A; lq = 30 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1600 A; lq = 30 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1600 A; lq = 30 kA - usable for High Faults at inside-delta circuit up to 575/6	Ambient conditions	
amblent temperature -25 +60 °C; Please observe derating at temperatures of 40 °C or above • during storage and transport -26 +80 °C • during storage and transport -40 +80 °C • during storage and transport -40 +80 °C • during storage acc. to IEC 60721 3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get instite devices), 3M6 • during transport acc. to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m) • during transport acc. to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m) • Communication/ Protocol acc. to IEC 60947-4-2; Class A Communication/ Protocol Communication/ Protocol Communication module is supported Yes • PROFINET standard Yes • Modbus RTU Yes • Modbus RTU Yes • Ditto PROFINET standard Yes • UL/CSA ratings Type: Class J / L, max. 1600 A; lq = 30 kA - usable for Standard Faults up to 575/600 V Type: Class J / L, max. 1600 A; lq = 30 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL. Type: Class J / L, max. 1600 A; lq = 30 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL. Type: Class J / L, max. 1		5 000 m; Derating as of 1000 m, see catalog
 during operation -25 +60 °C; Please observe derating at temperatures of 40 °C or above during storage and transport 40 +80 °C environmental category during operation acc. to IEC 60721 M6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6 during storage acc. to IEC 60721 K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4 during transport acc. to IEC 60721 K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4 during transport acc. to IEC 60721 K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m) acc. to IEC 60947-4:2: Class A Communication module is supported PROFINET standard Yes PROFINET high-feature Yes Modbus RTU Yes Modbus RTU Yes PROFIBUS Ves Ves Ves PROFIBUS Yes Ves Ves PROFIBUS Ves Ves	3	
environmental category during operation acc. to IEC 60721 during storage acc. to IEC 60721 during transport acc. to IEC 60721 during transport acc. to IEC 60721 Communication/ Protocol K6 (nol (ce formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6 K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 3M6 K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 3M6 Communication/ Protocol communication module is supported PROFINET standard PROFINET high-feature Yes PROFIBUS Yes PROFIBUS ull/CSA ratings manufacturer's article number Yes UL/CSA ratings maufacturer's article number of the fuse usable for Standard Faults up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta Vipe: Class J / L, max. 1600 A; Iq = 30 kA Type: Class J / L, max. 1600 A; Iq = 100 kA at 200/208 V at 50 °C rated value		- · · ·
 during operation acc. to IEC 60721 3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6 during transport acc. to IEC 60721 Adving transport acc. to IEC 60721 EMC emitted interference acc. to IEC 609721-22, 2S1, 2M2 (max, fall height 0.3 m) acc. to IEC 609724-2; Class A Communication Module is supported PROFINET standard Yes PROFINET standard Yes Modbus RTU Nodobus RTU Yes Modbus TCP Yes Yes Modbus TCP Yes Yes Yes Modbus TCP Yes Yes Yes Of the fuse 	 during storage and transport 	-40 +80 °C
 during storage acc. to IEC 60721 during transport acc. to IEC 60721 iduring transport acc. to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) EMC emitted interference acc. to IEC 60947-4-2; Class A Communication module is supported PROFINET standard PROFINET standard PROFINET high-feature EtherNet/IP Yes Modbus RTU Yes PROFIBUS Ves VLCSA ratings manufacturer's article number of the fuse — usable for Figh Faults up to 575/600 V according to UL — usable for Figh Faults up to 575/600 V according to UL — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL — usable for Figh Faults at inside-delta circuit at 50 °C rated Value at 200/280 V at 50 °C rated value	environmental category	
not get inside the devices), 1M4 • during transport acc. to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m) acc. to IEC 60947-4-2: Class A Communication module is supported acc. to IEC 60947-4-2: Class A • PROFINET standard Yes • PROFINET high-feature Yes • DROFINET high-feature Yes • Modbus RTU Yes • Modbus TCP Yes • PROFIBUS Yes UL/CSA ratings Yes manufacturer's article number of the fuse - usable for Standard Faults up to 575/600 V Type: Class J / L, max. 1600 A; lq = 30 kA according to UL - usable for High Faults up to 575/600 V Type: Class J / L, max. 1600 A; lq = 30 kA - usable for High Faults up to 575/600 V according to UL Type: Class J / L, max. 1200 A; lq = 100 kA - usable for High Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; lq = 100 kA - usable for High Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; lq = 100 kA - usable for High Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; lq = 100 kA - usable for High Faults at inside-delta circuit at 50 °C rated value	• during operation acc. to IEC 60721	
EMC emitted interference acc. to IEC 60947-4-2: Class A Communication module is supported • PROFINET standard • PROFINET standard Yes • PROFINET standard Yes • PROFINET high-feature Yes • EtherNet/IP Yes • Modbus RTU Yes • Modbus TCP Yes • PROFIBUS Yes UL/CSA ratings Yes manufacturer's article number • of the fuse	• during storage acc. to IEC 60721	
Communication Protocol communication module is supported • PROFINET standard Yes • PROFINET high-feature Yes • EtherNet/IP Yes • Modbus RTU Yes • Modbus RTU Yes • Modbus TCP Yes • PROFIBUS Yes UL/CSA ratings Yes manufacturer's article number • of the fuse - usable for Standard Faults up to 575/600 V according to UL Type: Class J / L, max. 1600 A; Iq = 30 kA - usable for Standard Faults up to 575/600 V according to UL Type: Class J / L, max. 1200 A; Iq = 100 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; Iq = 30 kA - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; Iq = 100 kA - usable for High Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; Iq = 100 kA - usable for High Faults at inside-delta circuit up to 575/600 V according to UL Type: Class J / L, max. 1200 A; Iq = 100 kA e at 200/208 V at 50 °C rated value 150 hp 150 hp • at 260/208 V at 50 °C rated value 200 hp 400 hp 300 hp	 during transport acc. to IEC 60721 	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)
communication module is supported Yes • PROFINET standard Yes • PROFINET high-feature Yes • EtherNet/IP Yes • Modbus RTU Yes • Modbus TCP Yes • PROFIBUS Yes UL/CSA ratings Yes manufacturer's article number Yes - usable for Standard Faults up to 575/600 V Type: Class J / L, max. 1600 A; Iq = 30 kA - usable for Standard Faults up to 575/600 V Type: Class J / L, max. 1600 A; Iq = 100 kA - usable for Standard Faults up to 575/600 V Type: Class J / L, max. 1600 A; Iq = 30 kA - usable for Standard Faults up to 575/600 V Type: Class J / L, max. 1600 A; Iq = 100 kA - usable for Standard Faults up to 575/600 V Type: Class J / L, max. 1600 A; Iq = 100 kA - usable for Standard Faults at inside-delta circuit up Type: Class J / L, max. 1600 A; Iq = 100 kA operating power [hp] for 3-phase motors Type: Class J / L, max. 1200 A; Iq = 100 kA • at 200/208 V at 50 °C rated value 150 hp • at 200/208 V at 50 °C rated value 300 hp • at 480/480 V at inside-delta circuit at 50 °C rated value 300 hp • at 200/208 V at inside-delta circuit at 50 °C rated value 350 hp <td>EMC emitted interference</td> <td>acc. to IEC 60947-4-2: Class A</td>	EMC emitted interference	acc. to IEC 60947-4-2: Class A
 PROFINET standard Yes PROFINET high-feature Yes PROFINET high-feature Yes Modbus RTU Yes Modbus TCP Yes PROFIBUS Yes UL/CSA ratings UL/CSA ratings UU/CSA ratings UU UU <td>Communication/ Protocol</td> <td></td>	Communication/ Protocol	
PROFINET high-featureYesEtherNet/IPYesModbus RTUYesModbus RTUYesModbus TCPYesPROFIBUSYes UL/CSA ratings Type: Class J / L, max. 1600 A; lq = 30 kA- usable for Standard Faults up to 575/600 V according to ULType: Class J / L, max. 1600 A; lq = 100 kA- usable for Standard Faults up to 575/600 V according to ULType: Class J / L, max. 1200 A; lq = 100 kA- usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 1200 A; lq = 100 kA- usable for Standard Faults at inside-delta 	communication module is supported	
EtherNet/IPYes• Modbus RTUYes• Modbus TCPYes• PROFIBUSYesUL/CSA ratingsYesthermal statice number	 PROFINET standard 	Yes
 Modbus RTU Yes Modbus TCP Yes PROFIBUS Yes UL/CSA ratings UL/CSA rating to UL UL/CSA rating to C rated value UL/CSA vat inside-delta circuit	 PROFINET high-feature 	Yes
 Modbus TCP PROFIBUS Yes UL/CSA ratings 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 at inside-delta circuit up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for Japhase motors at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 420/200 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value 	EtherNet/IP	Yes
• PROFIBUSYesUL/CSA ratingsmanufacturer's article number • of the fuse usable for Standard Faults up to 575/600 V according to ULType: Class J / L, max. 1600 A; Iq = 30 kA- usable for High Faults up to 575/600 V according to ULType: Class J / L, max. 1200 A; Iq = 100 kA- usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 1200 A; Iq = 30 kA- usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 1600 A; Iq = 30 kA- usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 1600 A; Iq = 30 kA- usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 1200 A; Iq = 100 kA• at 220/230 V at 50 °C rated value150 hp• at 220/230 V at 50 °C rated value200 hp• at 220/230 V at inside-delta circuit at 50 °C rated value300 hp• at 220/230 V at inside-delta circuit at 50 °C rated value350 hp• at 460/480 V at inside-delta circuit at 50 °C rated value350 hp	Modbus RTU	Yes
UL/CSA ratings manufacturer's article number • 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 at inside-delta circuit up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL Operating power [hp] for 3-phase motors • at 220/208 V at 50 °C rated value • at 220/208 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 460/480 V	Modbus TCP	Yes
manufacturer's article number • 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 at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit at 50 °C rated value • at 200/208 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 260/480 V at inside-delta circuit at 50 °C rated value • at 460/480 V at inside-delta circuit at 50 °C rated value • at 460/480 V at insi	PROFIBUS	Yes
manufacturer's article number • 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 at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit at 50 °C rated value • at 200/208 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 260/480 V at inside-delta circuit at 50 °C rated value • at 460/480 V at inside-delta circuit at 50 °C rated value • at 460/480 V at insi	UL/CSA ratings	
 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 at inside-delta circuit up to 575/600 V according to UL usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL to 575/600 V according to UL usable for High Faults at inside-delta circuit at 50 °C rated usable for High Faults at 50 °C rated usable for High Faults at 50 °C rated usable for Standard Faults at 50 °C rated usable for High Faults at 50 °C rated usable for High Faults for the fault for fault for the faul		
 usable for Standard Faults up to 575/600 V usable for High Faults up to 575/600 V usable for High Faults up to 575/600 V usable for Standard Faults up to 575/600 V usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for High Faults at inside-delta circuit up to 575/600 V according to UL usable for Japhase motors at 200/208 V at 50 °C rated value at 460/480 V at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value 		
	— usable for Standard Faults up to 575/600 V	Type: Class J / L, max. 1600 A; Iq = 30 kA
- usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 1600 A; lq = 30 kA- usable for High Faults at inside-delta circuit up to 575/600 V according to ULType: Class J / L, max. 1200 A; lq = 100 kAoperating power [hp] for 3-phase motors-• at 200/208 V at 50 °C rated value150 hp• at 220/230 V at 50 °C rated value200 hp• at 460/480 V at 50 °C rated value400 hp• at 220/208 V at 50 °C rated value300 hp• at 220/208 V at inside-delta circuit at 50 °C rated300 hp• at 220/208 V at inside-delta circuit at 50 °C rated350 hp	— usable for High Faults up to 575/600 V	Type: Class J / L, max. 1200 A; Iq = 100 kA
	- usable for Standard Faults at inside-delta	Type: Class J / L, max. 1600 A; Iq = 30 kA
operating power [hp] for 3-phase motors150 hp• at 200/208 V at 50 °C rated value150 hp• at 220/230 V at 50 °C rated value200 hp• at 460/480 V at 50 °C rated value400 hp• at 200/208 V at inside-delta circuit at 50 °C rated value300 hp• at 220/230 V at inside-delta circuit at 50 °C rated value350 hp• at 460/480 V at inside-delta circuit at 50 °C rated value350 hp	— usable for High Faults at inside-delta circuit up	Type: Class J / L, max. 1200 A; Iq = 100 kA
 at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 460/480 V at 50 °C rated value at 200/208 V at inside-delta circuit at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated value 		
 at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value 400 hp at 200/208 V at inside-delta circuit at 50 °C rated at 220/230 V at inside-delta circuit at 50 °C rated at 220/230 V at inside-delta circuit at 50 °C rated at 460/480 V at inside-delta circuit at 50 °C rated 50 hp 		150 hp
 at 460/480 V at 50 °C rated value at 200/208 V at inside-delta circuit at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated at 460/480 V at inside-delta circuit at 50 °C rated 		
 at 200/208 V at inside-delta circuit at 50 °C rated value at 220/230 V at inside-delta circuit at 50 °C rated value at 460/480 V at inside-delta circuit at 50 °C rated 750 hp 	• at 460/480 V at 50 °C rated value	
value ● at 460/480 V at inside-delta circuit at 50 °C rated 750 hp	• at 200/208 V at inside-delta circuit at 50 °C rated	
		350 hp
		750 hp

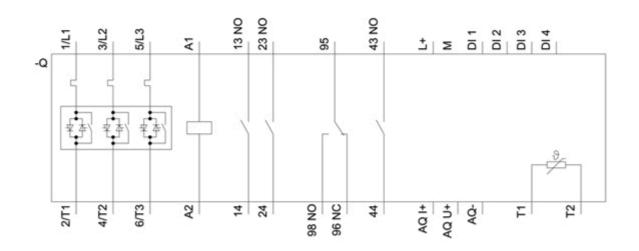
contact rating of auxiliary contacts according to UL	R300-B300	
Safety related data		
protection class IP on the front acc. to IEC 60529	IP00; IP20 with cover	
touch protection on the front acc. to IEC 60529	finger-safe, for vertical contact from the front with cover	
electromagnetic compatibility	acc. to IEC 60947-4-2	
ATEX		
certificate of suitability		
• ATEX	Yes	
• IECEx	Yes	
 according to ATEX directive 2014/34/EU 	BVS 18 ATEX F 003 X	
type of protection according to ATEX directive 2014/34/EU	II (2)G [Ex eb Gb] [Ex db Gb] [Ex pxb Gb], II (2)D [Ex tb Db] [Ex pxb Db], I (M2) [Ex db Mb]	
hardware fault tolerance acc. to IEC 61508 relating to ATEX	0	
PFDavg with low demand rate acc. to IEC 61508 relating to ATEX	0.008	
PFHD with high demand rate acc. to EN 62061 relating to ATEX	0.0000005 1/h	
Safety Integrity Level (SIL) acc. to IEC 61508 relating to ATEX	SIL1	
T1 value for proof test interval or service life acc. to IEC 61508 relating to ATEX	3 у	
Certificates/ approvals		
General Product Approval	EMC For use in hazard- ous locations	
For use in hazard- ous locationsDeclaration of ConformityTest Certification	ates Marine / Shipping	
IECEx EG-Konf.		
Marine / Shipping other		
PRS Confirmation	<u>on</u>	
Further information		
Information- and Downloadcenter (Catalogs, Brochures,		
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=3RW5548-6HA14 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5548-6HA14 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RW5548-6HA14 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5548-6HA14⟨=en Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RW5548-6HA14/char		

Characteristic: Installation altitude

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5548-6HA14&objecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS) https://support.industry.siemens.com/cs/ww/en/view/101494917







last modified:

3/9/2021 🖸