SIEMENS

Data sheet 3RW5556-6HA14



SIRIUS soft starter 200-480 V 1100 A, 110-250 V AC Screw terminals





product brand name	SIRIUS
product category	Hybrid switching devices
product designation	Soft starter
product type designation	3RW55
manufacturer's article number	
of high feature HMI module usable	3RW5980-0HF00
• of communication module PROFINET standard usable	3RW5980-0CS00
• of communication module PROFINET high-feature usable	3RW5950-0CH00
• 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 	3VA2716-7AB05-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
• of circuit breaker usable at 500 V	3VA2716-7AB05-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
 of the gG fuse usable up to 690 V 	3x3NA3365-6; Type of coordination 1, lq = 65 kA
 of full range R fuse link for semiconductor protection usable up to 690 V 	3NB3354-1KK26; Type of coordination 2, Iq = 65 kA
 of back-up R fuse link for semiconductor protection usable up to 690 V 	3x3NE3340-8; Type of coordination 2, Iq = 65 kA
eneral technical data	
starting voltage [%]	20 100 %
stopping voltage [%]	50 %; non-adjustable
start-up ramp time of soft starter	0 360 s
ramp-down time of soft starter	0 360 s
start torque [%]	10 100 %
stopping torque [%]	10 100 %
torque limitation [%]	20 200 %
current limiting value [%] adjustable	125 800 %
breakaway voltage [%] adjustable	40 100 %
breakaway time adjustable	0 2 s
number of parameter sets	3
accuracy class	5 (based on IEC 61557-12)
certificate of suitability	
CE marking	Yes
UL approval	Yes
CSA approval	Yes
product component	
HMI-High Feature	Yes

e is supported HMI High Facture	Voc
is supported HMI-High Feature Product feature integrated bypass contact system.	Yes
product feature integrated bypass contact system	Yes
number of controlled phases	3
current unbalance limiting value [%]	10 60 %
ground-fault monitoring limiting value [%]	10 95 %
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 protective separation	
between main and auxiliary circuit	480 V; does not apply for thermistor connection
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
recovery time after overload trip adjustable	60 1 800 s
utilization category according to IEC 60947-4-2	AC 53a
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	02/11/2019
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol - 119-47-1 Lead titanium trioxide - 12060-00-3
Weight	56 kg
product function	
• ramp-up (soft starting)	Yes
• ramp-down (soft stop)	Yes
breakaway pulse	Yes
adjustable current limitation	Yes
 creep speed in both directions of rotation 	Yes
pump ramp down	Yes
DC braking	Yes
motor heating	Yes
min/max pointer	Yes
trace function	Yes
intrinsic device protection	Yes
motor overload protection	Yes; Full motor protection (thermistor motor protection and electronic motor overload protection) / When using the motor overload protection according to ATEX, an upstream contactor is required in inside-delta circuit.
 evaluation of thermistor motor protection 	Yes; Type A PTC or Klixon / Thermoclick
• inside-delta circuit	Yes
• auto-RESET	Yes
• manual RESET	Yes
• remote reset	Yes
 communication function 	Yes
 operating measured value display 	Yes
• event list	Yes
• error logbook	Yes
• via software parameterizable	Yes
• via software configurable	Yes
screw terminal	Yes
spring-loaded 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 	1 100 A
 at 40 °C rated value minimum 	220 A
at 50 °C rated value	979 A
at 60 °C rated value	890 A
operational current at inside-delta circuit	
• at 40 °C rated value	1 905 A
• at 50 °C rated value	1 695 A
at 60 °C rated value	1 541 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 inside-delta circuit	-15 %
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	315 kW
at 230 V at inside-delta circuit at 40 °C rated value	560 kW
at 400 V at 40 °C rated value	560 kW
at 400 V at inside-delta circuit at 40 °C rated value	1 000 kW
Operating frequency 1 rated value	50 Hz
Operating frequency 1 rated value	60 Hz
relative negative tolerance of the operating frequency	-10 %
	10 %
relative positive tolerance of the operating frequency	
minimum load [%]	10 %; Relative to set le
power loss [W] for rated value of the current at AC	000 W
• at 40 °C after startup	330 W
at 50 °C after startup	270 W
at 60 °C after startup	223 W
power loss [W] at AC at current limitation 350 %	
 at 40 °C during startup 	18 502 W
 at 50 °C during startup 	15 568 W
at 60 °C during startup	13 552 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	10 %
AC at 60 Hz	

to-l	50 0011-
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	210 mA
inrush current by closing the bypass contacts maximum	1 A
inrush current peak at application of control supply voltage maximum	44 A
duration of inrush current peak at application of control supply voltage	1.7 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 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	764 mm
width	478 mm
depth	241 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	61 kg
Connections/ Terminals	
type of electrical connection	
for main current circuit	busbar connection
for control circuit	screw-type terminals
width of connection bar maximum	55 mm
wire length for thermistor connection	
• with conductor cross-section = 0.5 mm² maximum	50 m
• with conductor cross-section = 1.5 mm² maximum	150 m
• with conductor cross-section = 2.5 mm² maximum	250 m
type of connectable conductor cross-sections	
 for DIN cable lug for main contacts stranded 	2x (50 240 mm²)
for DIN cable lug for main contacts finely stranded	2x (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)
• for control circuit finely stranded with core end processing	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
for AWG cables for control circuit solid	1x (20 12), 2x (20 14)
wire length	
 between soft starter and motor maximum 	800 m
at the digital inputs at DC maximum	1 000 m
tightening torque	
• for main contacts with screw-type terminals	20 35 N·m

For auditary and control contacts with sorrew type terminals For main contacts with sorew-type terminals For auditary and control contacts with sorew-type terminals For auditary and control contacts with sorrew-type terminals For auditary and tubor at height above seal level maximum For auditary and tubor at height above seal level maximum For auditary and tubor at height above seal level maximum For auditary and tubor at height above seal level maximum For auditary and tubor at height above seal level maximum For auditary and tubor at height above seal level maximum For auditary and tubor at height above seal level maximum For auditary and tubor at height above seal level maximum For auditary and tubor at height and tubo		
Institution of the control of the		0.8 1.2 N·m
For main contacts with screw-type terminals For auditions Installation attlucts at height above sea level maximum ambient temporature **Curring special or auditions **Curring storage and bransport **Curring storage and bransport **Curring storage according to IEC 60721 **Curring storage according to I		
Ambient conditions Initialition attitude a theight above sea level maximum ambient temperature • during occasion • during storage and transport • during storage according to IEC 60721 • during storage posterial (COZ ed) during manufacturing global warming potential (COZ ed) during storage according to IEC 60721 • during storage posterial (COZ ed) during storage according to IEC 60721 • during storage according to IEC 60721 • during storage posterial (COZ ed) during storage according to IEC 60721 • during storage posterial (COZ ed) during storage according to IEC 60721 • during storage posterial (COZ ed) during storage according to IEC 60721 • during storage posterial (COZ ed) during storage according to IEC 60721 • during storage posterial (COZ ed) during storage according to IEC 60721 • during storage posterial (COZ ed) during storage according to IEC 60721 • during storage posterial (COZ ed) during storage according to IEC 60721 • during storage according to IEC 60828 • during storage according to IEC 61908 • relating storage according to IEC 61908 • rela		177 240 lbf in
Installation altitude at height above sea level maximum Ambient conditions Installation altitude at height above sea level maximum Authors preserve - during operation - during storage and transport - during storage and transport - during storage and transport - during storage are conding to IEC 60721 - during storage according to IEC 60721 - during storage according to IEC 60721 - 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 - 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 relat	**	
Installation altitude at height above see level maximum ambiont temporature • during operation • during potentian • during operation • during potentian (actogory • during storage and transport • during storage and transport • during storage according to IEC 60721 • during transport according to IEC 61908 relating to ATEX • December 1	, , , , , , , , , , , , , , , , , , , ,	7 10.3 lot-in
Incitations attitude at height above sea level maximum ambient temperature - during operation according to IEC 60721 - during storage according to IEC 60721 - during transport according to IEC 61908 - PROFINET standard - PROFINET according to IEC 60721 - during transport according to IEC 61908 - at 2002208 V at the side-delate circuit at 50 °C rated value - at 2002208 V at the side-delate circuit at 50 °C rated value - at 2002208 V at the side-delate circuit at 50 °C rated value - at 2002208 V at 60 °C rated value - at 2002208 V at 60 °C rated value - at 2002208 V at 60 °C rated value - at 2002208 V at 60 °C rated value - at 2002208 V at 60 °C rated value - at 2002208 V at 60 °C rated v		
ambient temperature • during operation • during storage and transport • during preparation according to IEC 60721 • during operation according to IEC 60721 • during storage according to IEC 60721 • during storage according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 61908 relating to ATEX **PROPER IEC 100 According to IEC 61908 relating to ATEX **PROPER IEC 100 According to IEC 61908 relating to ATEX **PROPER IEC 100 According to IEC 61908 relating to ATEX **PROPER IEC 100 According to IEC 61908 relating to ATEX	installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
environmental category environmental corrections of EC 60721 Environmental Cotagory environmental C	ambient temperature	
environmental category • during operation according to IEC 60721 • during storage according to IEC 60721 Environmental Footprint global warming potental (ICO2 eq during analyse) global warming potental (ICO2 eq during analyse) global warming potental (ICO2 eq during aperation) global	 during operation 	-25 +60 °C; Please observe derating at temperatures of 40 °C or above
during operation according to IEC 60721 during storage according to IEC 60721 during storage according to IEC 60721 during transport according to IEC 61508 relating to ATEX PEDP DRIVET In high feature according to IEC 61508 relating to ATEX PEPD PEPD and with logh demand rate according to IEC 61508 relating to ATEX PEPD PEPD and with logh demand rate according to IEC 61508 relating to ATEX PEPD PEPD PEPD with low demand rate according to IEC 61508 relating to ATEX PEPD PEPD PEPD with low demand rate according to IEC 61508 relating to ATEX PEPD PEPD PEPD with low demand rate according to IEC 61508 relating to ATEX PEPD PEPD with low demand rate according to IEC 61508 relating to ATEX PEPD PEPD PEPD WILL be correctly to the control of IEC 61508 relating to ATEX PEPD PEPD PEPD PEPD PEPD PEPD PEPD PEP	 during storage and transport 	-40 +80 °C
eduring storage according to IEC 60721 * during transport according to IEC 60721 * during transport according to IEC 60721 * during transport according to IEC 60721 * Environmental Gostprint. * global warming potential (CO2 eql total global warming potential (CO2 eql during manufacturing global warming potential (CO2 eql during geales global warming potential (CO2 eql during geales global warming potential (CO2 eql during operation 1610 kg global warming potential (CO2 eql during operation 1610 kg global warming potential (CO2 eql during operation 1610 kg global warming potential (CO2 eql during operation 1610 kg global warming potential (CO2 eql after end of life 1610 kg global warming life 1610 kg global warmi	environmental category	
- during storage according to IEC 60721 - during transport according to IEC 60721 - 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) - Environmental according to IEC 60721 - 38 kg global warming potential [CO2 eql during annufacturing global warming potential [CO2 eql during aperation global warming potential [CO2 eql during sales - 13 a kg global warming potential [CO2 eql during sales - 13 a kg global warming potential [CO2 eql during speration global warming potential [CO2 eql during sales - 18 kg Siemens Eco Profile (SEP) - 18 kg Siemens	 during operation according to IEC 60721 	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2
e during transport according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m) Environmental Gootprint global warming potential (CO2 eq) during manufacturing global warming potential (CO2 eq) during gasles global warming potential (CO2 eq) during gasles global warming potential (CO2 eq) during operation global warming operatic (CO2 eq) warein (CO2 eq) global warein (CO2 eq) warein (CO2 eq) global warein (CO2 eq) warein (CO2 eq) global warein (CO2 eq) w		
e- during transport according to IEC 60721 Environmental Goopmit global warming potential (CO2 eqi total global warming potential (CO2 eqi total global warming potential (CO2 eqi during sales 13.9 kg global warming potential (CO2 eqi during sales global warming potential (CO2 eqi after end of life 1610 kg global warming potential (CO2 eqi after end of life 1610 kg global warming potential (CO2 eqi after end of life 1610 kg global warming potential (CO2 eqi after end of life 1610 kg global warming potential (CO2 eqi after end of life 1610 kg global warming potential (CO2 eqi after end of life 1610 kg global warming potential (CO2 eqi after end of life 1610 kg global warming potential (CO2 eqi after end of life 1610 kg global warming potential (CO2 eqi after end of life 1610 kg global warming potential (CO2 eqi after end of life 1610 kg	 during storage according to IEC 60721 	
Servicemental Footprint Gobret Good	during transport according to IEC 60721	· · · · · · · · · · · · · · · · · · ·
global warming potential [CO2 eq] total global warming potential [CO2 eq] during manufacturing 306 kg global warming potential [CO2 eq] during sales [global warming potential [CO2 eq] during sales global warming potential force quarter global warming potential force qua		, 3.1, -1.1, (
global warming potential (CO2 eq) during manufacturing global warming potential (CO2 eq) during gases global warming potential (CO2 eq) during paration global warming potential (CO2 eq) during operation global warming potential (CO2 eq) during potent		1 820 kg
global warning potential (CO2 eq) during sales global warning potential (CO2 eq) during operation 1 610 kg global warning potential (CO2 eq) after end of life 1-16 kg Slemens Eco Profile (SEP) Slemens Eco Profile (SEP) Electromagnetic compatibility EMC emitted interference acc. to IEC 60947-4-2: Class A Communication Protocol communication Module is supported PROFINET standard PROFINET standard PROFINET standard PROFINET high-feature PROFINET high-feature PROFINET by Yes Modbus RTU Wes PROFINES PROFIBLS Yes UL/CSA natings manufacturer's article number 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 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 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 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 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 Standard Faults at inside-delta circuit up to 575/600 V according to UL perating power (Inp) for 3-phase motors at 200/200 V at 50° Crated value at 200/200 V	<u> </u>	-
global warming potential (CO2 eq) after end of life		
global warming potential (CO2 eq) after end of life Siemens Eco Profile (SEP) Siemens Eco Profile (SEP) Siemens EcoTech Siemen		•
Siemens Eco Profile (SEP) Siemens EcoTech Electromagnetic compatibility EMC emitted interference acc. to IEC 60947-4-2: Class A Communication/ Protocol communication module is supported PROFINET standard Yes PROFINET standard Yes EtherNet/IP Yes EtherNet/IP Yes Modbus RTU Yes Modbus RTU Yes Modbus TCP Yes PROFIBUS Yes UCSA ratigos manufacturer'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 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 prosting power (hp) for 3-phase motors at 200/200 V at 50° Crated value at 200/200 V at 50° Crated value at 400/480 V at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 400/480 V at inside-delta circuit at 50° C rated value at 40		-
EMC emitted interference communication Protocol communication module is supported PROFINET standard Yes PROFINET high-feature Yes EtherNet/IP Yes Modbus TCU Yes PROFIBUS Yes PROFIBUS ULCSA ratings manufacturer's article number of the fuse — usable for Standard Faults up to 575/600 V according to U. — usable for Standard Faults up to 575/600 V according to U. — usable for Standard Faults up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. Operating power [high Faults at inside-delta circuit up to 575/600 V according to U. at 200/208 V at 150 °C rated value at 200/208 V at inside-delta circuit at 50 °C rated value at 200/208 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 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 cir	Siemens Eco Profile (SEP)	Siemens EcoTech
EMC emitted interference communication Protocol communication module is supported PROFINET standard Yes PROFINET high-feature Yes EtherNet/IP Yes Modbus TCU Yes PROFIBUS Yes PROFIBUS ULCSA ratings manufacturer's article number of the fuse — usable for Standard Faults up to 575/600 V according to U. — usable for Standard Faults up to 575/600 V according to U. — usable for Standard Faults up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. — usable for Standard Faults at inside-delta circuit up to 575/600 V according to U. Operating power [high Faults at inside-delta circuit up to 575/600 V according to U. at 200/208 V at 150 °C rated value at 200/208 V at inside-delta circuit at 50 °C rated value at 200/208 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 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 cir	. ,	
communication module is supported PROFINET standard PROFINET standard PROFINET high-feature EtherNet/IP Modbus RTU Modbus RTU Pes PROFIBLS Yes ULICSA ratings manufacturer's article number 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 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 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 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 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 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		acc. to IEC 60947-4-2: Class A
PROFINET high-feature PROFINET high-feature PROFINET high-feature PROFINET high-feature PROFINET high-feature PROFINED PROFIBUS Pres PROFIBUS Pres PROFIBUS Pres PROFIBUS Pres Wes PROFIBUS Type: Class J / L, max. 3000 A; Iq = 85 kA Cocording to UL Safety Pauls at inside-delta circuit up to 575/600 V according to UL Safety Pauls at inside-delta circuit up to 575/600 V according to UL Safety Pauls A standard Faults at inside-delta circuit up to 575/600 V according to UL Safety Pauls A standard Faults at inside-delta circuit up to 575/600 V according to UL Safety Pauls A standard Faults at inside-delta circuit up to 575/600 V according to UL Safety Pauls A standard Faults at inside-delta circuit up to 575/600 V according to UL Safety Pauls A standard Faults A standard F	Communication/ Protocol	
PROFINET high-feature EtherNet/IP Modobus RTU Modobus TCP PROFIBUS Pes ILICSA ratings manufacturer's article number of the fuse — usable for Standard Faults 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 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 Operating power (Ph) 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 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 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/280 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at inside-delta circuit at 50 °C rated value at 260/480 V at 50 °C rated value at 26	communication module is supported	
EitherNet/IP Modbus RTU Modbus TCP PROFIBUS Yes PROFIBUS 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 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 operating power (hp) for 3-phase motors at 200/208 V at 50 °C rated value at 200/208 V at 50 °C rated value at 200/208 V at inside-delta circuit at 50	• •	Yes
Modbus TCP PROFIBUS Yes Yes Yes Yes Yes Ves ULCSA 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 are tinisted edeta 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 Operating power [high Faults at inside-delta circuit up to 575/600 V according to UL Operating power [high for 3-phase motors at 200/208 V at 50 °C rated value at 200/208 V at 50 °C rated value at 200/208 V at 50 °C rated value at 200/208 V at inside-delta circuit at 50 °C rated value at 200/20	PROFINET high-feature	Yes
Modbus TCP PROFIBUS Pres Ves Ves 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 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 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 460/480 V at inside-delta circuit at 50 °C rated value at 4460/480 V at inside-delta circuit at 50 °C rated value at 4460/480 V at inside-delta circuit at 50 °C rated value at 4460/480 V at inside-delta circuit at 50 °C rated value at 4460/480 V at inside-delta circuit at 50 °C rated value at 4460/480 V at inside-delta circuit at 50 °C rated value at 4460/480 V at inside-delta circuit at 50 °C rated value at 4460/480 V at inside-delta circuit at 50 °C rated value at 4460/480 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 becontact rating of auxiliary contacts according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to 0	-	Yes
PROFIBUS Was particle number 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 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 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 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 2460/480 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 • at 200/230 K at inside-delta circuit at 50 °C rated value • at 200/230 K at inside-delta circuit at 50 °C rated value • at 200/230 V at inside-delta circuit at 50 °C rated value • at 200/230 V at inside-delta circuit at 50 °C rated value • at 200/230 V at inside-delta circuit at 50 °C rated value • at 200/230 V at inside-delta circuit at 50 °C rated value • at 200/230 V at inside-delta circuit at 50 °C rated value • at 200/230 V at inside-delta circuit at 50 °C rated value • at 200/230 V at inside-delta circuit at 50 °C rated value • at 200/230 V at inside-delta circuit at 50 °C rated value • at 200/230 V at inside-delta circuit at 50 °C rated value • at 200/230 V at inside-delta circuit at 50 °C rated value • at 200/230 V at inside-delta circuit at 50 °C rated value • at 200/230 V at inside-delta circuit at 50 °C rated value • at 200/230 V at 50 °	Modbus RTU	Yes
manufacturer's article number of the fuse — usable for Standard Faults 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 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 Fligh Faults at inside-delta circuit up to 575/600 V according to UL — usable for Fligh Faults at inside-delta circuit up to 575/600 V according to UL operating power [Inp] 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 200/230 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 contact rating of auxiliary contacts according to UL R300-B300 Electrical Safety protection class IP on the front according to IEC 60529 ATEX Safety Integrity Level (SIL) 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 hardware fault tolerance according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to	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 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 Flagh 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 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 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 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 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 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 220/230 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 220/230 V at 50 °C rated value • at 220/230 V at 50 °C rated value • at 220	• PROFIBUS	Yes
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 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 50 °C rated value at 460/480 V 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 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 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 50 °C r	UL/CSA ratings	
Type: Class J / L, max. 3000 A; Iq = 85 kA Type: Class J / L, max. 3000 A; Iq = 100 kA Type: Class J / L, max. 3000 A; Iq = 100 kA Type: Class J / L, max. 3000 A; Iq = 100 kA Type: Class J / L, max. 3000 A; Iq = 100 kA Type: Class J / L, max. 3000 A; Iq = 100 kA Type: Class J / L, max. 3000 A; Iq = 85 kA Type: Class J / L, max. 3000 A; Iq = 85 kA Type: Class J / L, max. 3000 A; Iq = 85 kA Type: Class J / L, max. 3000 A; Iq = 85 kA Type: Class J / L, max. 3000 A; Iq = 100 kA Type: Class J / L, max. 3000 A; Iq = 100 kA Type: Class J / L, max. 3000 A; Iq = 100 kA Type: Class J / L, max. 3000 A; Iq = 100 kA Type: Class J / L, max. 3000 A; Iq = 100 kA Type: Class J / L, max. 3000 A; Iq = 100 kA Type: Class J / L, max. 3000 A; Iq = 85 kA Type: Class J / L, max. 3000 A; Iq = 85 kA Type: Class J / L, max. 3000 A; Iq = 85 kA Type: Class J / L, max. 3000 A; Iq = 100 kA Type: Class J / L, max. 3000	manufacturer's article number	
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 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 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 460/480 V at 50 °C rated value • at 200/230 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 • 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 • 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 500 hp Contact rating of auxiliary contacts according to IEC 61508 relating to ATEX PFHD with high demand rate according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to	of the fuse	
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 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 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 for inside-delta circuit at 50 °C rated value • at 280/230 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at inside-delta circuit at 50 °C rated value • at 280/280 V at 50 °C rated value • at 280/280 V at 50 °C rated value • at 280/280 V at 50 °C rated value • at 280/280 V at 50 °C rated value • at 280/280 V at 50 °C rated value • at 280	according to UL	
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 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 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 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 contact rating of auxiliary contacts according to UL Electrical Safety protection class IP on the front according to IEC 60529 ATEX Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to O	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 200/208 V 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 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 tontact rating of auxiliary contacts according to UL R300-B300 Electrical Safety protection class IP on the front according to IEC 60529 IP00 ATEX Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX PFHD with high demand rate according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to	to 575/600 V according 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 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 contact rating of auxiliary contacts according to UL R300-B300 Electrical Safety protection class IP on the front according to IEC 60529 ATEX Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX PFDD with high demand rate according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to 0	575/600 V according to UL	Type: Class J / L, max. 3000 A; Iq = 100 kA
at 220/230 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 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 tat 460/480 V at inside-delta circuit at 50 °C rated value contact rating of auxiliary contacts according to UL R300-B300 Electrical Safety protection class IP on the front according to IEC 60529 ATEX Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX PFHD with high demand rate according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to 0 008		250 ha
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 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 contact rating of auxiliary contacts according to UL R300-B300 Electrical Safety protection class IP on the front according to IEC 60529 ATEX Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX PFHD with high demand rate according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to 0 008		·
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 value at 460/480 V at inside-delta circuit at 50 °C rated value to at 460/480 V at inside-delta circuit at 50 °C rated value to at 460/480 V at inside-delta circuit at 50 °C rated value to at 460/480 V at inside-delta circuit at 50 °C rated value to at 460/480 V at inside-delta circuit at 50 °C rated value to at 460/480 V at inside-delta circuit at 50 °C rated value to 500 hp to		·
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 tontact rating of auxiliary contacts according to UL Electrical Safety protection class IP on the front according to IEC 60529 ATEX Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX PFHD with high demand rate according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to 0.008		·
at 460/480 V at inside-delta circuit at 50 °C rated value contact rating of auxiliary contacts according to UL R300-B300 Electrical Safety protection class IP on the front according to IEC 60529 ATEX Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX PFHD with high demand rate according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to 0		·
contact rating of auxiliary contacts according to UL Electrical Safety protection class IP on the front according to IEC 60529 ATEX Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX PFHD with high demand rate according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to 0		·
Electrical Safety protection class IP on the front according to IEC 60529 ATEX Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX PFHD with high demand rate 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 hardware fault tolerance according to IEC 61508 relating to 0		
protection class IP on the front according to IEC 60529 ATEX Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX PFHD with high demand rate 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 hardware fault tolerance according to IEC 61508 relating to 0		1,000 0,000
Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX PFHD with high demand rate according to IEC 61508 5E-7 1/h relating to ATEX PFDavg with low demand rate according to IEC 61508 0.008 relating to ATEX hardware fault tolerance according to IEC 61508 relating to 0		IP00
Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX PFHD with high demand rate according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to 0		
PFHD with high demand rate according to IEC 61508 relating to ATEX PFDavg with low demand rate according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to 0	Safety Integrity Level (SIL) according to IEC 61508 relating	SIL1
PFDavg with low demand rate according to IEC 61508 relating to ATEX hardware fault tolerance according to IEC 61508 relating to 0.008	PFHD with high demand rate according to IEC 61508	5E-7 1/h
	PFDavg with low demand rate according to IEC 61508	0.008
		0

T1 value for proof test interval or service life according to IEC 61508 relating to ATEX

certificate of suitability

• ATEX

• IECEX

• according to ATEX directive 2014/34/EU

type of protection according to ATEX directive 2014/34/EU

[I (2)G [Ex eb Gb] [Ex pxb Gb], II (2)D [Ex tb Db] [Ex pxb Db], I (M2) [Ex db Mb]

Approvals Certificates

General Product Approval

EMV













EMV

For use in hazardous locations

Test Certificates

Marine / Shipping

<u>KC</u>





Type Test Certificates/Test Report





Marine / Shipping

other

Environment





Confirmation





Environmental Confirmations

Further information

Information on the packaging

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

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5556-6HA14

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RW5556-6HA14}}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5556-6HA14

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5556-6HA14&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

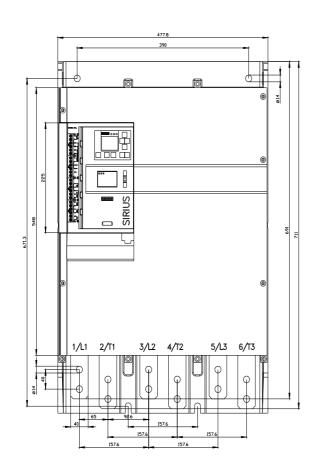
https://support.industry.siemens.com/cs/ww/en/ps/3RW5556-6HA14/char

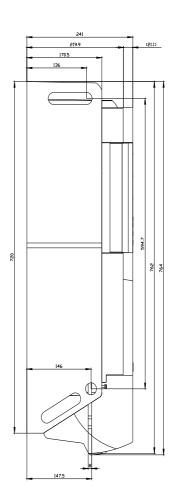
Characteristic: Installation altitude

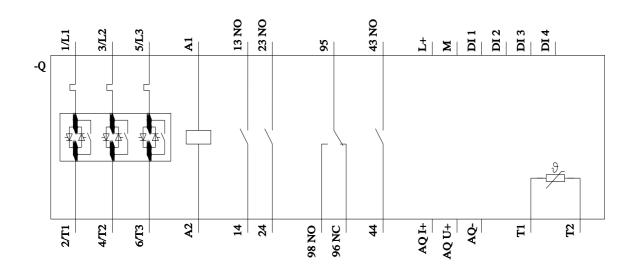
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5556-6HA14&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

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







last modified: 4/1/2025 🖸

