SIEMENS

product brand name

product category

3RW5514-3HA14 **Data sheet**

SIRIUS

Hybrid switching devices



SIRIUS soft starter 200-480 V 18 A, 110-250 V AC spring-type terminals





p	,
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 	3RV2032-4DA10; Type of coordination 1, Iq = 65 kA, CLASS 10
 of circuit breaker usable at 500 V 	3RV2032-4DA10; Type of coordination 1, Iq = 15 kA, CLASS 10
• of circuit breaker usable at 400 V at inside-delta circuit	3RV2032-4EA10; Type of coordination 1, Iq = 65 kA, CLASS 10
• of circuit breaker usable at 500 V at inside-delta circuit	3RV2032-4EA10; Type of coordination 1, Iq = 15 kA, CLASS 10
 of the gG fuse usable up to 690 V 	3NA3820-6; Type of coordination 1, Iq = 65 kA
• of the gG fuse usable at inside-delta circuit up to 500 V	3NA3820-6; Type of coordination 1, Iq = 65 kA
 of full range R fuse link for semiconductor protection usable up to 690 V 	3NE1802-0; Type of coordination 2, Iq = 65 kA
 of back-up R fuse link for semiconductor protection usable up to 690 V 	3NE8020-1; 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

a CSA approval	Voo
CSA approval product component	Yes
product component	Ven
HMI-High Feature	Yes
• is supported HMI-High Feature	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	1 600 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
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)	02/15/2018
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 Dibutylbis(pentane-2,4-dionato-O,O')tin - 22673-19-4 Dodecamethylcyclohexasiloxane (D6) - 540-97-6 Lead titanium trioxide - 12060-00-3
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
slave pointer function	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	No
spring-loaded terminal	Yes
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 	18 A
 at 40 °C rated value minimum 	3.5 A
• at 50 °C rated value	15.9 A
at 60 °C rated value	13.8 A
operational current at inside-delta circuit	
• at 40 °C rated value	31.5 A
• at 50 °C rated value	28 A
• at 60 °C rated value	23.9 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 	4 kW
 at 230 V at inside-delta circuit at 40 °C rated value 	7.5 kW
 at 400 V at 40 °C rated value 	7.5 kW
at 400 V at inside-delta circuit at 40 °C rated value	15 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	5 W
• at 50 °C after startup	5 W
at 60 °C after startup	4 W
power loss [W] at AC at current limitation 350 $\%$	
 at 40 °C during startup 	266 W
 at 50 °C during startup 	229 W
at 60 °C during startup	188 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	
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	165 mA
inrush current by closing the bypass contacts maximum	0.2 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 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	275 mm
width	170 mm
depth	152 mm
required spacing with side-by-side mounting	40
• forwards	10 mm
backwards	0 mm
• upwards	100 mm
• downwards	75 mm
at the side	5 mm
weight without packaging	2.3 kg
Connections/ Terminals	
type of electrical connection	
for main current circuit for control circuit	screw-type terminals
for control circuit wire length for thermister connection	spring-loaded terminals
with conductor cross section = 0.5 mm² maximum	50 m
 with conductor cross-section = 0.5 mm² maximum with conductor cross-section = 1.5 mm² maximum 	50 m 150 m
with conductor cross-section = 1.5 mm² maximum with conductor cross-section = 2.5 mm² maximum	250 m
type of connectable conductor cross-sections	200 111
for main contacts	
— solid	2x (1.0 2.5 mm²), 2x (2.5 10 mm²)
finely stranded with core end processing	2x (1.0 2.5 mm²), 2x (2.5 10 mm²)
for AWG cables for main current circuit solid	2x (16 12), 2x (14 8)
type of connectable conductor cross-sections	
• for control circuit solid	2x (0.25 1.5 mm²)
for control circuit solid for control circuit finely stranded with core end processing	2x (0.25 1.5 mm²)
for AWG cables for control circuit solid	2x (24 16)
for AWG cables for control circuit solid for AWG cables for control circuit finely stranded with core end processing	2x (24 16)
wire length	
between soft starter and motor maximum	800 m

tightening torque • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals tightening torque [lbf-in] • 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 Ambient conditions installation altitude at height above sea level maximum • during operation • during storage and transport • during operation according to IEC 60721 3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6	a at the digital inputs at DC maximum	1,000 m
For maint sorted with sorew-type terminals For auxiliary and control contacts with sorew-type terminals For auxiliary department of the control contacts with sorew-type terminals For auxiliary department of the control contacts and control to the control contacts and control to the control control control to the control control to the control control to the control control to the control control control control to the control con	at the digital inputs at DC maximum tightoning torque	1 000 m
* or auxiliary and control contacts with screw-type terminals * or main control contacts with screw-type terminals * or main control contacts with screw-type terminals * or auxiliary and control contacts with screw-type terminals * or auxiliary and control contacts with screw-type terminals * or auxiliary and control contacts with screw-type terminals * or main conditions * or main conditions * or main conditions * or main conditions * outing operation * outing operation according to IEC 60721 * outing storage according to IEC 60722		2 25Nm
tightening torque (lipfing) • for main contacts with screw-type terminals • for main contacts with screw-type terminals • for main contacts with screw-type • for for for the for screw-type • for for for the for screw-type • for for for the for flag for screw-type • for	**	
• for mail contacts with screw-type terminals • for availably and control contacts with screw-type • treminals Anthem conditions Installation attitude at height above sea level maximum ambient temperature • during operation • during storage and transport • during storage according to IEC 60721 • during transport according to IEC 60721 • PROFINET Instandant • Ori circuit broaker usable for Standard Faults • defol480 V at inside-deta circuit according to UL • defol480 V at inside-deta circuit according to UL • during transport accor		U.ŏ 1.∠ N·M
• for mail contacts with screw-type terminals • for availably and control contacts with screw-type • treminals Anthem conditions Installation attitude at height above sea level maximum ambient temperature • during operation • during storage and transport • during storage according to IEC 60721 • during transport according to IEC 60721 • PROFINET Instandant • Ori circuit broaker usable for Standard Faults • defol480 V at inside-deta circuit according to UL • defol480 V at inside-deta circuit according to UL • during transport accor	tightening torque [lbf·in]	
Installation attitude at height above sea level maximum amblent temperature • Juring speration • Juring speration • Juring speration • Juring speration • Juring storage and transport • Juring speration according to IEC 60721 • Juring storage acco	for main contacts with screw-type terminals	18 22 lbf·in
Installation althude a height above sea level maximum ambient temperature • during operation • during operation • during operation according to IEC 60721 • during operation according to IEC 60721 • during dransport according to IEC 60721 • during storage according to IEC 60721 • PROFINET standard Faults according to IEC 60947-4:2: Class A, Class B on request • PROFINET standard Paults • defended to receive according to IEC 60947-4:2: Class A, Class B on request • PROFINET standard Paults • during standard Faults according to IEC 60947-4:2: Class A, Class B on request • PROFINET standard Paults • during standard Faults according to IEC 60947-4:2: Class A, Class B on request • PROFINET standard Faults according to IEC 60947-4:2: Class A, Class B on request • PROFINET standard Faults according to IEC 60948 • PROFINET standard Faults according to IEC 60948 • Transport standard Faults according to IEC 60948 • Transport standard Faults according to IEC 6	 for auxiliary and control contacts with screw-type 	7 10.3 lbf-in
Installation altitude at height above sea level maximum ambient temperature during operation during operation according to IEC 60721 during operation according to IEC 60722 during operation according to IEC 60723 during operation according to IEC 60723 during operation according to IEC 60723 during operation according to IEC 6072	terminals	
ambiont temperature • during operation • during storage and transport • during operation according to IEC 60721 • during storage according to IEC 60721 Environmental footprint Environmental footprint Silicense Sco Profile (SEP) ENC emitted interference Communication module is supported • PROFINET standard • of circuit breaker usable for Standard Faults • at 800480 V a conding to UL • at 575600 V at inside delta circuit according to UL • at 575600 V at inside delta circuit according to UL • usable for Standard Faults up to 575600 V according to UL • usable for Standard Faults up to 575600 V according to UL • usable for Standard Faults up to 575600 V according to UL • usable for Standard Faults at inside-delta circuit up to 575600 V according to UL • at 200230 V at 50° Crated value • at 200230 V at 50° C	Ambient conditions	
- during storage and transport - during storage and transport - during storage and transport - during storage and coording to IEC 60721 - during storage according to	installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
- during storage and transport - during romental category - during persiston according to IEC 60721 - during storage according to IEC 60721 - during transport according to IEC 60729 - during transport ac	ambient temperature	
environmental category • during operation according to IEC 60721 • during operation according to IEC 60721 • during storage according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 Environmental Footprint Silemens Eco Profile (SEP) Environmental Footprint Silemens Eco Profile (SEP) Silemens E	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 60729 during transport acco	during storage and transport	-40 +80 °C
(sand must not get into the devices), 3M6 • during storage according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 Environmental Colipsint Silemens Eco Profile (SEP) Semens Eco Trofile (SEP) Sem	environmental category	
e during transport according to IEC 60721 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Environmental footprint Siemens Eco Profile (SEP) Siemens EcoTech EMC emitted interference acc. to IEC 60947.4-2: Class A, Class B on request Communication module is supported PROFINET standard Yes Siemens type: 3RV2742, max. 60 A or 3VA51, max. 50 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 56 A; Iq max = 65 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 50 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60	 during operation according to IEC 60721 	
Siemens Eco Profile (SEP) Siemens EcoTech	during storage according to IEC 60721	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
Siemens Eco Profile (SEP) EMC emitted interference communication module is supported PROFINET standard Standard Faults Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA Type: Class RK6 / K5, max. 70 A; Iq = 100 kA Type: Class RK6 / K5, max. 70 A; Iq = 100 kA Siemens type: 3RV274	 during transport according to IEC 60721 	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)
EMC emitted interference communication/ Protocol communication module is supported PROFINET standard PROFINET standard PROFINET standard PROFINET standard PROFINET standard Protocol Modbus RTU Modbus RTU ProfIBUS Wes PROFIBUS Ves Ves Ves PROFIBUS Wes Ves Ves Ves Ves Ves Ves Ves	Environmental footprint	
Communication/ Protocol communication module is supported PROFINET standard PROFINET standard PROFINET high-feature EtherNet/IP Modbus RTU Modbus TCP PROFIBUS Ves Yes Ves Yes Ves Yes Ves Yes Ves V	Siemens Eco Profile (SEP)	Siemens EcoTech
communication module is supported PROFINET standard PROFINET sight-feature EtherNet/IP Modbus RTU Yes PROFIBUS ULCSA ratings manufacturer's article number of circuit breaker usable for Standard Faults — at 460/480 V according to UL — 60/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — 4575/600 V according to UL — 75/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V according to UL — at 575/600 V according to UL — at 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 High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults 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	EMC emitted interference	acc. to IEC 60947-4-2: Class A, Class B on request
PROFINET standard PROFINET standard PROFINET high-feature EtherNet/IP Modbus RTU Modbus TCP PROFIBUS Wes Ves Ves Ves Ves Ves Ves Ves	Communication/ Protocol	
PROFINET high-feature EtherNet/IP Modbus RTU Modbus TCP PROFIBUS PROFIBUS Pres Tyes Yes Yes Yes Yes Yes Yes Yes	communication module is supported	
EtherNet/IP Modbus RTU Modbus TCP PROFIBUS Wes PROFIBUS Wes UL/CSA ratings manufacturer's article number of circuit breaker usable for Standard Faults — at 460/480 V according to UL — at 460/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — at 575/600 V according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults 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 Figh 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 Figh Faults at inside-delta circuit up to 575/600 V according to UL poperating power (Pip for 3-phase motors at 200/208 V at 50 °C rated value at 460/480 V at 50	PROFINET standard	Yes
Modbus RTU Modbus TCP PROFIBUS Ves Ves Ves Ves Ves Ves Ves Ve	 PROFINET high-feature 	Yes
Modbus TCP PROFIBUS PROFIBUS Pres PROFIBUS Pres Wes PROFIBUS Yes Yes Yes Yes Yes Yes Yes Ye	• EtherNet/IP	Yes
■ PROFIBUS ### PROFIBUS #### PROFIBUS #### PROFIBUS ###################################	Modbus RTU	Yes
manufacturer's article number • of circuit breaker usable for Standard Faults — at 460/480 V according to UL — 60/480 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit 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 Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for Infla Faults at inside-delta circuit up to 575/600 V according to UL — usable for Infla Faults at inside-delta circuit up to 575/600 V according to UL — usable for Infla Faults at inside-delta circuit up to 575/600 V according to UL — usable for Infla Faults at inside-delta circuit up to 575/600 V according to UL — usable for Infla Faults at inside-delta circuit up to 575/600 V according to UL — usable for Infla Faults at inside-delta circuit up to 575/600 V according to UL — usable for Infla Faults at inside-delta circuit up to 575/600 V according to UL — at 200/208 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 220/203 V at 50 °C rated value • at 220/203 V at 50 °C rated value • at 220/203 V at 50 °C rated value • at 22	Modbus TCP	Yes
manufacturer's article number • of circuit breaker usable for Standard Faults — at 460/480 V according to UL — 60/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — 60/480 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit according to UL — at 575/600 V at inside-delta circuit 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 — 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 — 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 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 260/230 V at 50 °C rated value • at 260/230 V at 50 °C rated value • at 260/230 V at 50 °C rated value • at 260/250 V according to UL • at 260/250 V	• PROFIBUS	Yes
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- at 460/480 V according to UL - 60/480 V according to UL - 60/480 V at inside-delta circuit according to UL - 60/480 V at inside-delta circuit according to UL - 60/480 V at inside-delta circuit according to UL - 60/480 V at inside-delta circuit according to UL - at 575/600 V according to UL - at 575/600 V at inside-delta circuit according to UL - at 575/600 V at inside-delta circuit according to UL - at 575/600 V at inside-delta circuit according to UL - at 575/600 V at inside-delta circuit according to UL - at 575/600 V at inside-delta circuit according to UL - usable for Standard Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V according to UL - usable for High Faults 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 - 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	manufacturer's article number	
	 of circuit breaker usable for Standard Faults 	
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- 60/480 V at inside-delta circuit according to UL - at 575/600 V according to UL - 75/600 V at inside-delta circuit according to UL - at 575/600 V at inside-delta circuit according to UL - at 575/600 V at inside-delta circuit according to UL - of the fuse - usable for Standard Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V according to UL - usable for Standard Faults 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 - usable for High Faults at inside-delta circuit 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 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 fore the value at 50 °C rated value - at 460/480 V at fore the value at 50 °C rated value - at 460/480 V at fore the value at 50 °C rated value - at 460/480 V at fore the value at 60 °C rated value - at 460/480 V at fore the value at 60 °C rated value - at 460/480 V at fore the value at 60 °C rated value - at 460/480 V at fore the value at 60 °C rat	— 60/480 V according to UL	Siemens type: 3RV2742, max. 30 A or 3VA51, max. 35 A; lq max = 65 kA
- at 575/600 V according to UL - 75/600 V at inside-delta circuit according to UL - at 575/600 V at inside-delta circuit according to UL - at 575/600 V at inside-delta circuit according to UL - at 575/600 V at inside-delta circuit according to UL - usable for Standard Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V according to UL - usable for 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 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 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 - 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	 — at 460/480 V at inside-delta circuit according to UL 	Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA
- 75/600 V at inside-delta circuit according to UL - at 575/600 V at inside-delta circuit according to UL - at 575/600 V at inside-delta circuit according to UL • of the fuse - usable for Standard Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V according to UL - usable for Standard Faults 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 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 460/480 V at inside-delta circuit at 50 °C rated value • at 4	 — 60/480 V at inside-delta circuit according to UL 	Siemens type: 3VA51, max. 35 A; Iq max = 65 kA
- at 575/600 V at inside-delta circuit according to UL of the fuse - usable for Standard Faults up to 575/600 V according to UL - usable for High Faults up to 575/600 V according to UL - usable for Standard Faults 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 Taults 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 at 50 °C rated value - at 200/208 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 460/480 V at inside-delta circuit at 50 °C rated value - at 60/480 V at inside-delta circuit 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 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 200/208 V at inside-delta circuit at 50 °C rated value - at 200/208 V at inside-del	— at 575/600 V according to UL	Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA
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- 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 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 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 • 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 200/208 V at 50 °C rated value • at 460/480 V at inside-delta circuit 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 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 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 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 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 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 50 °C rated value • at 200/208 V at 50 °C rated valu	— at 575/600 V at inside-delta circuit according to UL	Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA
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 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 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 • 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 200/208 V at inside-delta circuit at 50 °C rated value • at 200/208 V at inside-delta circuit at 50 °C rated value • at 800/480 V at inside-delta circuit at 50 °C rated value • at 200/400 V at inside-delta circuit at 50 °C rated value • at 200/400 V at inside-delta circuit at 50 °C rated value • at 200/400 V at inside-delta circuit at 50 °C rated value • at 200/400 V at inside-delta circuit at 50 °C rated value • at 200/200 V at inside-delta circuit at 50 °C rated value • at 200/200 V at inside-delta circuit at 50 °C rated value • at 200/200 V at inside-delta circuit at 50 °C rated value • at 200/200 V at inside-delta circuit at 50 °C rated value • at 200/200 V at inside-delta circuit at 50 °C rated value • at 200/200 V at inside-delta circuit at 50 °C rated value • at 200/200 V at inside-delta circuit at 50 °C rated value • at 200/200 V at inside-delta circuit at 50 °C rated value • at 200/200 V at inside-delta circuit at 50	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 Type: Class RK5 / K5, max. 70 A; Iq = 5 kA Type: Class J / L, max. 70 A; Iq = 100 kA Type: Class J / L, max. 70 A; Iq	the state of the s	Type: Class RK5 / K5, max. 70 A; Iq = 5 kA
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 R300-B300 Electrical Safety protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front ATEX		Type: Class J / L, max. 70 A; Iq = 100 kA
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 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 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front ATEX		Type: Class RK5 / K5, max. 70 A; Iq = 5 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 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 be 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 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front ATEX		Type: Class J / L, max. 70 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 contact rating of auxiliary contacts according to UL R300-B300 Electrical Safety protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front 	operating power [hp] for 3-phase motors	
 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 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front ATEX	• at 200/208 V at 50 °C rated value	3 hp
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 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front ATEX	• at 220/230 V at 50 °C rated value	5 hp
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 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front ATEX	• at 460/480 V at 50 °C rated value	10 hp
◆ 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 touch protection on the front according to IEC 60529 ATEX 20 hp R300-B300 IP20 IP20 finger-safe, for vertical contact from the front ATEX	• at 200/208 V at inside-delta circuit at 50 °C rated value	7.5 hp
contact rating of auxiliary contacts according to UL Electrical Safety protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX R300-B300 IP20 finger-safe, for vertical contact from the front ATEX	• at 220/230 V at inside-delta circuit at 50 °C rated value	7.5 hp
Electrical Safety protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX IP20 finger-safe, for vertical contact from the front ATEX	• at 460/480 V at inside-delta circuit at 50 °C rated value	20 hp
protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 ATEX IP20 finger-safe, for vertical contact from the front	contact rating of auxiliary contacts according to UL	R300-B300
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front ATEX	Electrical Safety	
ATEX	protection class IP on the front according to IEC 60529	IP20
		finger-safe, for vertical contact from the front
Safety Integrity Level (SIL) according to IEC 61508 relating SIL1	ATEX	
	Safety Integrity Level (SIL) according to IEC 61508 relating	SIL1

to ATEX	
PFHD with high demand rate according to IEC 61508 relating to ATEX	5E-7 1/h
PFDavg with low demand rate according to IEC 61508 relating to ATEX	0.008
hardware fault tolerance according to IEC 61508 relating to ATEX	0
T1 value for proof test interval or service life according to IEC 61508 relating to ATEX	3 a
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]

Approvals Certificates

General Product Approval



Confirmation









EMV For use in hazardous locations Test Certificates Marine / Shipping



<u>KC</u>



ECEx



Type Test Certificates/Test Report



Marine / Shipping other Environment









Confirmation



Siemens EcoTech



Environment

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=3RW5514-3HA14

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5514-3HA14

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5514-3HA14

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5514-3HA14&lang=en

Characteristic: Tripping characteristics, I^2t , Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RW5514-3HA14/char

Characteristic: Installation altitude

 $\underline{\text{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5514-3HA14\&objecttype=14\&gridview=view1}$

Simulation Tool for Soft Starters (STS)

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







