# **SIEMENS**

product brand name

product category product designation

Data sheet 3RW5514-1HA14

SIRIUS

Soft starter

Hybrid switching devices



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





p	
product type designation	3RW55
manufacturer's article number	
<ul> <li>of high feature HMI module usable</li> </ul>	3RW5980-0HF00
<ul> <li>of communication module PROFINET standard usable</li> </ul>	3RW5980-0CS00
• of communication module PROFINET high-feature usable	3RW5950-0CH00
<ul> <li>of communication module PROFIBUS usable</li> </ul>	3RW5980-0CP00
<ul> <li>of communication module Modbus TCP usable</li> </ul>	3RW5980-0CT00
<ul> <li>of communication module Modbus RTU usable</li> </ul>	3RW5980-0CR00
<ul> <li>of communication module Ethernet/IP</li> </ul>	3RW5980-0CE00
<ul> <li>of circuit breaker usable at 400 V</li> </ul>	3RV2032-4DA10; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	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
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	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
<ul> <li>of full range R fuse link for semiconductor protection usable up to 690 V</li> </ul>	3NE1802-0; Type of coordination 2, Iq = 65 kA
<ul> <li>of back-up R fuse link for semiconductor protection usable up to 690 V</li> </ul>	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
UL approval	Yes

CSA approval	Yes
product component	
HMI-High Feature	Yes
is supported HMI-High Feature	Yes
product feature integrated bypass contact system	Yes
number of controlled phases	3
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 Lead titanium trioxide - 12060-00-3
product function	
<ul><li>ramp-up (soft starting)</li></ul>	Yes
<ul><li>ramp-down (soft stop)</li></ul>	Yes
<ul> <li>breakaway pulse</li> </ul>	Yes
<ul> <li>adjustable current limitation</li> </ul>	Yes
<ul> <li>creep speed in both directions of rotation</li> </ul>	Yes
<ul> <li>pump ramp down</li> </ul>	Yes
<ul> <li>DC braking</li> </ul>	Yes
<ul> <li>motor heating</li> </ul>	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.
<ul> <li>evaluation of thermistor motor protection</li> </ul>	Yes; Type A PTC or Klixon / Thermoclick
• inside-delta circuit	Yes
• auto-RESET	Yes
• manual RESET	Yes
• remote reset	Yes
<ul> <li>communication function</li> </ul>	Yes
<ul> <li>operating measured value display</li> </ul>	Yes
<ul><li>event list</li></ul>	Yes
• error logbook	Yes
<ul> <li>via software parameterizable</li> </ul>	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
<ul> <li>removable terminal for control circuit</li> </ul>	Yes
<ul> <li>voltage ramp</li> </ul>	Yes

• torque control	Yes
<ul> <li>combined braking</li> </ul>	Yes
analog output	Yes; 4 20 mA (default) / 0 10 V
<ul> <li>programmable control inputs/outputs</li> </ul>	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
	165
Power Electronics	
operational current	40.4
• at 40 °C rated value	18 A
<ul> <li>at 40 °C rated value minimum</li> </ul>	3.5 A
<ul> <li>at 50 °C rated value</li> </ul>	15.9 A
at 60 °C rated value	13.8 A
operational current at inside-delta circuit	
<ul> <li>at 40 °C rated value</li> </ul>	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 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	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
<ul> <li>at 400 V at inside-delta circuit at 40 °C rated value</li> </ul>	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 40 Carter startup     at 50 °C after startup	5 W
at 50 °C after startup      at 60 °C after startup	5 W 4 W
-	7 VV
power loss [W] at AC at current limitation 350 %	200 M
at 40 °C during startup  A 50 °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	10 %
AC at 50 Hz	10 //
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %

control cumply voltage frequency	50 60 Hz
control supply voltage frequency	-10 %
relative negative tolerance of the control supply voltage frequency	
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
<ul> <li>number of digital outputs parameterizable</li> </ul>	3
<ul> <li>number of digital outputs not parameterizable</li> </ul>	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	
• 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	screw-type terminals
for control circuit	screw-type terminals screw-type terminals
wire length for thermistor connection	co.on type 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	150 m
with conductor cross-section = 1.5 mm² maximum     with conductor cross-section = 2.5 mm² maximum	250 m
	200 111
type of connectable conductor cross-sections	
• for main contacts	2v (1 0 2 5 mm²) 2v (2 5 40 mm²)
— 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 6.0 mm²)
for AWG cables for main current circuit solid  type of connectable conductor errors sections	2x (16 12), 2x (14 8)
type of connectable conductor cross-sections	1v (0.5 4.0 mm²) 2v (0.5 2.5 mm²)
• 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     for ANAC cobles for control circuit colid.	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	000
between soft starter and motor maximum	800 m
at the digital inputs at DC maximum	1 000 m
tightening torque	

For rains contacts with sortew-type For rains contacts with sortew-type For rains and control contacts with sortew-type For rains contacts according to UL For rains contact according to U		
tightening torque (lich in)  • for main contacts with screw-type trained • for main scheduler and control contacts with screw-type • for main contacts with screw-type • for for main contacts with screw-type • for for main contacts with screw-type • for for for the screw-type contacts with screw-type • for for for the screw-type contacts with screw-type • for for for the screw-type contacts with screw-type • for for for the screw-type contacts with screw-type • for for for the screw-type contacts with screw-type • for for for the screw-type contacts with screw-type • for for for the screw-type contacts with screw-type contacts with screw-type contacts with screw-type contacts with screw-type contacts and screw-type • for for for the screw-type contacts with screw-type contacts and screw-type contacts with scr	<ul> <li>for main contacts with screw-type terminals</li> </ul>	2 2.5 N·m
### Institution attitude of thight above sea level maximum  ** for availably and control contacts with serve-type  ### Institution attitude of thight above sea level maximum  ** for availably and control contacts with serve-type  ### Institution attitude of thight above sea level maximum  ** for availably and control contacts with serve-type  ### Institution attitude of thight above sea level maximum  ### Institution attit	, , , , , , , , , , , , , , , , , , , ,	0.8 1.2 N·m
For main contacts with screw-type terminals   15 22 lbrim   2 lbrim	terminals	
Ambient Conditions Installation attitude at height above sea level maximum Installation attitude attit	tightening torque [lbf·in]	
Inestitation attitude at height above sea level maximum ambient temperature during operation during storage and transport during storage according to IEC 60721 during storage according	<ul> <li>for main contacts with screw-type terminals</li> </ul>	18 22 lbf·in
matallation altitude at height above sea level maximum  smolent temperature  • during operation  • during operation according to IEC 60721  • during operation according to IEC 60721  • during solvention according to IEC 60721  • during solvention according to IEC 60721  • during storage according to IEC 60721  • during solvention according to IEC 60721  • during storage according to IEC 60721  • during	, , , , , , , , , , , , , , , , , , , ,	7 10.3 lbf·in
ambient temperature  - curring peration  - during storage and transport  - during storage according to IEC 60721  - du		
ambient temperature  • during poration  • during storage and transport  • during storage and transport  • during operation according to IEC 60721  • during operation according to IEC 60721  • during storage according to IEC 60721  • during transport according to IEC 60721  • during transpor		
- during storage and transport - during storage and transport - during operation according to IEC 60721 - during operation according to IEC 60721 - during operation according to IEC 60721 - during department of the devices of the	installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
environmental category  environmental category  environmental category  environmental category  environmental category  environmental get into the devices). 3Me  environmental footprint  Environme	•	
environmental category  • during operation according to IEC 60721  • during storage according to IEC 60721  • during throughour according to IEC 60721  Environmental Cosprint  Siemens Eco Profile (SEP)  Environmental Cosprint  Siemens Eco Profile (SEP)  Siemens Eco Tech  McComitted Interference  communication Protocol  communication module is supported  • PROFINET standard  • PR	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 60721     during transport according to IEC 60721     during transport according to IEC 60721     Semens Eco Profile (SEP)     Siemens Eco Fech     EMC amtited interference     dec. to IEC 60947.4-2: Class A, Class B on request     Communication module is supported     PROFINET standard     PROFINET standard     PROFINET standard     PROFINET standard     PROFINET standard     PROFILES     decent and the seminary of the seminar	during storage and transport	-40 +80 °C
(sand must not get into this devices), 3M6  4 during storage according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  Siemens Eco Profile (SEP)  Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA Siemens type: 3RV2742, max.	environmental category	
during storage according to IEC 60721     during transport according to IEC 61708 relating to IEC 60721     during transport according to IEC 60722     during transport according to IEC 60722     during transport according to IEC 60722	<ul> <li>during operation according to IEC 60721</li> </ul>	
eduring transport according to IEC 60721  2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m)  Simens Eco Profile (SEP)  Simens Eco Forfile (SEP)  Simens Ec		
e during transport according to IEC 60721  Environmental Fodiprint  Siemens Eco Profile (SEP)  ENC emitted interference  PROFINET standard  Standard Faults  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  Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 KA  Siemens type: 3RV2742, max. 60 A or	<ul> <li>during storage according to IEC 60721</li> </ul>	
Siemens Eco Profile (SEP)   Siemens EcoTech	a during transport apparating to IFO 60724	
Siemens Eco Profile (SEP)  EMC emitted interference  acc. to IEC 60947-4-2: Class A, Class B on request  communication module is supported  PROFINET standard  Self-Reserved  PROFINED  PROFINED  Self-Reserved  PROFINED  Self-Reserved  PROFINED  Self-Reserved  PROFINED  Self-Reserved  PROFINED  Self-Reserved  PROFINED  Self-Reserved  Self-Reserved  PROFINED  Self-Reserved  Self		2K2, 2C1, 2S1, 2M2 (max. fall neight 0.3 m)
EMC emitted interference  Communication Protocol  Communication Module is supported  PROFINET standard  PROFINET standard  PROFINET standard  PROFINET standard  PROFINET with standard  PROFINET with standard  PROFINET with standard  PROFINED  PROFINED  Wes  Modbus RTU	·	
Communication module is supported  PROFINET standard  PROFINET standard  PROFINET standard  PROFINET with ligh-feature  EthenNetIP  Modbus RTU  PROFISES  Modbus TCP  PROFISES  Modbus TCP  PROFISES  PROFISES  Wes  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  —50/480 V at inside-delta circuit according to UL  —50/480 V at inside-delta circuit according to UL  —51/50/600 V at inside-delta circuit according to UL  —45/51/600 V at inside-delta circuit according to UL  —45/51/600 V at inside-delta circuit according to UL  —51/51/600 V at inside-delta circuit according to UL  —45/51/600 V at inside-delta circuit up to 57/51/600 V according to UL  —45/51/600 V at inside-delta circuit up to 57/51/600 V according to UL  —45/51/600 V at inside-delta circuit up to 57/51/600 V according to UL  —45/51/600 V at conding to UL  —45/51/600 V at conding to UL  —55/51/600		
PROFINET standard		acc. to IEC 60947-4-2: Class A, Class B on request
PROFINET standard PROFINET standard PROFINET standard PROFINET standard PROFINET standard Profined PROFINET standard Profined Pro	Communication/ Protocol	
■ PROFINET high-feature     ■ EitherNet/IP     ■ Modbus RTU     ■ Modbus RTU     ■ PROFIBUS     ■ Yes     ■ PROFIBUS     ■ PROFIBUS     ■ Yes    Ves     ■ PROFIBUS     ■ Yes   Ves     ■ PROFIBUS   Ves   Vas On Or 3VA51, max. 60 Ar 3VA51, max. 60 Ar Iq = 5 kA   Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 Ar Iq = 5 kA   Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 Ar Iq = 5 kA   Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 Ar Iq = 5 kA   Ves	communication module is supported	
EitherNet/IP  Modbus RTU  Modbus RTU  Modbus TCP  PROFIBUS  Wes  PROFIBUS  Tyes  Wes  Ves  ULCGSA ratings  manufacturer's article number  of circuit breaker usable for Standard Faults  — at 460/480 V a coording to UL  — at 460/480 V a coording to UL  — at 460/480 V at inside-delta circuit according to UL  — at 4575/600 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 Standard Faults up to 575/600 V according to UL  — usable for Standard Faults up to 575/600 V according to UL  — usable for Standard Faults up to 575/600 V according to UL  — usable for Standard Faults up to 575/600 V according to UL  — usable for High 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 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 5	<ul> <li>PROFINET standard</li> </ul>	Yes
Modbus RTU  Modbus TCP  PROFIBUS  Wes  PROFIBUS  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 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 according to UL  — at 575/600 V according to UL  — usable for Standard Faults up to 575/600 V according to UL  — usable for Figh Faults up to 575/600 V according to UL  — usable for Standard Faults up to 575/600 V according to UL  — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Figh Faults at inside-delta circuit up to 575/600 V according to UL  — at 200/208 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 200/208 V at inside-delta circuit at 50 °C rated value  • at 200/208 V at inside-delta circuit at	<ul> <li>PROFINET high-feature</li> </ul>	Yes
Modbus TCP PROFIBUS Pres  Wes  Wes  Wes  Wes  Wes  Wes  Wes	EtherNet/IP	Yes
Modbus TCP PROFIBUS Pres  Wes  Wes  Wes  Wes  Wes  Wes  Wes	Modbus RTU	Yes
PROFIBUS  William Stricts a ratic 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  — 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  — 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 accordi	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  — 75/600 V at coording to UL  — 1 575/600 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 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  — 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  — 1 220/230 V 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 460/480 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 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 V at inside-delta circuit at 50 °C rated value  • at 200/230 V at 50 °C rated value  • at 200/230 V at 50 °C rated value  • at 200/230 V at 50 °C rated value  • at 200/230 V at 50 °C rated value  • a		Yes
manufacturer's article number  of circuit breaker usable for Standard Faults  — at 460/480 V according to UL  — 60/480 V according to UL  — 60/480 V at inside-delta circuit according to UL  — at 460/480 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  — 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 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  — usable for Fligh Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Fligh saults at inside-delta circuit up to 575/600 V according to UL  — usable for Fligh saults at 150 °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 200/208 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 460/48		
of circuit breaker usable for Standard Faults         — 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         — at 450/480 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         — 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         — at 200/208 V 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 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		
- at 460/480 V according to UL - 60/480 V at considered 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 - 75/600 V according to UL - 15/5/600 V according to UL - 15/5/600 V at inside-delta circuit according to UL - 15/5/600 V at inside-delta circuit according to UL - 15/5/600 V at inside-delta circuit according to UL - 15/5/600 V at inside-delta circuit according to UL - 15/5/600 V at inside-delta circuit according to UL - 15/5/600 V at inside-delta circuit according to UL - 15/5/600 V a		
		Ciamana huna 2D\/0742 may 60 A ar 2\/A54 may 60 A la - 5 l/A
- at 460/480 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 - 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 - 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 High Faults at inside-delta circuit up to 575/600 V according to UL - usable for 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 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 i	<u> </u>	
- 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 - 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 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 WL - at 200/208 V at 50 °C rated value - at 480/480 V at 50 °C rated value - at 480/480 V at inside-delta circuit at 50 °C rated value - at 480/480 V at inside-delta circuit at 50 °C rated value - at 480/480 V at inside-delta circuit at 50 °C rated value - at 480/480 V at inside-delta circuit at 50 °C rated value - at 480/480 V at inside-delta circuit at 50 °C rated value - at 480/480 V at inside-delta circuit at 50 °C rated value - at 480/480 V at inside-delta circuit at 50 °C rated value - at 480/480 V at inside-delta circuit at 50 °C rated value - at 480/480 V at inside-delta circuit at 50 °C rated value - at 480/480 V at inside-delta circuit at 50 °C rated value - at 480/480 V at inside-delta circuit at 50 °C rated value - at 480/480 V at 50 °C rated value - at 480/480 V at 50 °C rated value - at 575/600 V according to IEC 60529 - at 575/600 V according to IEC 60529 - at 575/600 V according to IEC 60529 - at 575/600	· ·	
- 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 - 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 Jigh Faults at inside-delta circuit up to 575/600 V according to UL - usable for Jigh Faults at inside-delta circuit up to 575/600 V according to UL - usable for Jigh Faults at inside-delta circuit at 50 °C rated value  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 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  finger-safe, for vertical contact from the front  SiL1  Siemens type: 3VA51, max. 35 A; lq max = 65 kA  Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 5 kA  Type: Class RK5 / K5, max. 70 A; lq = 100 kA  Type: Class RK5 / K5, max. 70 A; lq = 100 kA  Type: Class RK5 / K5, max. 70 A; lq = 100 kA  Type: Class RK5 / K5, max. 70 A; lq = 100 kA  Type: Class PK5 / K5, max. 70 A; lq = 100 kA  Type: Class PK5 / K5, max. 70 A; lq = 100 kA  Type: Class PK5 / K5, max. 70 A; lq = 100 kA  Type: Class PK5 / K5, max. 70 A; lq = 100 kA  Type: Class PK5 / K5, max. 70 A; lq = 100 kA  Type: Class PK	S	
- 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 220/230 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  contact rating of auxiliary contacts according to IEC 60529  touch protection on the front according to IEC 60529  finger-safe, for vertical contact from the front  Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA  Type: Class RK5 / K5, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 5 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA	— at 575/600 V according to UL	Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; Iq = 5 kA
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.          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 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 200/208 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 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-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	<ul> <li>75/600 V at inside-delta circuit according to UL</li> </ul>	Siemens type: 3VA51, max. 35 A; Iq max = 65 kA
- 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 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 Paults at 100 kA - Type: Class RK5 / K5, max. 70 A; Iq = 100 kA - Type: Class RK5 / K5, max. 70 A; Iq = 100 kA - Type: Class RK5 / K5, max. 70 A; Iq = 100 kA - Type: Class J / L, max. 70 A; Iq = 100 kA - Type: Class J / L, max. 70 A; Iq = 100 kA - Type: Class J / L, max. 70 A; Iq = 100 kA - Type: Class J / L, max. 70 A; Iq = 100 kA - Type: Class J / L, max. 70 A; Iq = 100 kA - Type: Class J / L, max. 70 A; Iq = 100 kA - Type: Class J / L, max. 70 A; Iq = 100 kA - Type: Class J / L, max. 70 A; Iq = 100 kA - Type: Class J / L, max. 70 A; Iq = 100 kA - Type: Class J / L, max. 70 A; Iq = 100 kA - Type: Class J / L, max.	— at 575/600 V at inside-delta circuit according to UL	Siemens type: 3RV2742, max. 60 A or 3VA51, max. 60 A; lq = 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  — 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 up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to IEC 60529  Type: Class J / L, max. 70 A; Iq = 100 kA  Type: Class J / L, max. 70 A; Iq = 100 kA  1 by Class J / L, max. 70 A; Iq = 100 kA  1 by Class J / L, max. 70 A; Iq = 100 kA  1 by Class J / L, max. 70 A; Iq = 100 kA  1 by Class J / L, max. 70 A; Iq = 100 kA  1 by Class J / L, max. 70 A; Iq = 100 kA  1 by Class J / L, max. 70 A; Iq = 100 kA  1 by Class J / L, max. 70 A; Iq = 100 kA  1 by Class RK5 / K5, max. 70 A; Iq	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 460/480 V at 50 °C rated value  • at 220/230 V at inside-delta circuit at 50 °C rated value  • at 220/230 V at inside-delta circuit at 50 °C rated value  • at 220/230 V at inside-delta circuit at 50 °C rated value  • at 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  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  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX		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 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  Electrical Safety  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch gravel (SIL) according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to 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 220/230 V at inside-delta circuit at 50 °C rated value  • at 220/230 V at inside-delta circuit at 50 °C rated value  • at 220/230 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  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  Safety Integrity Level (SIL) according to IEC 61508 relating to 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  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  Safety Integrity Level (SIL) according to IEC 61508 relating to 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  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  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  SIL1	operating power [hp] for 3-phase motors	
<ul> <li>at 460/480 V at 50 °C rated value</li> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>by at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>contact rating of auxiliary contacts according to UL</li> <li>R300-B300</li> <li>Electrical Safety</li> <li>protection class IP on the front according to IEC 60529</li> <li>touch protection on the front according to IEC 60529</li> <li>finger-safe, for vertical contact from the front</li> </ul> ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  SIL1	<ul> <li>at 200/208 V at 50 °C rated value</li> </ul>	3 hp
<ul> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>bp</li> <li>contact rating of auxiliary contacts according to UL</li> <li>R300-B300</li> <li>Electrical Safety</li> <li>protection class IP on the front according to IEC 60529</li> <li>touch protection on the front according to IEC 60529</li> <li>finger-safe, for vertical contact from the front</li> </ul> ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  SIL1	<ul> <li>at 220/230 V at 50 °C rated value</li> </ul>	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 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 finger-safe, for vertical contact from the front ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  SIL1	<ul> <li>at 460/480 V at 50 °C rated value</li> </ul>	10 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 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 finger-safe, for vertical contact from the front ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  SIL1	• at 200/208 V at inside-delta circuit at 50 °C rated value	7.5 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  finger-safe, for vertical contact from the front ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  SIL1		·
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 finger-safe, for vertical contact from the front  ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  SIL1		·
protection class IP on the front according to IEC 60529 IP20 touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front  ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  SIL1		
protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  SIL1		
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front  ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX		IP20
Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  SIL1	<u> </u>	
Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX		inger sais, for vertical contact from the front
to ATEX		CII.4
ארחט with nigh demand rate according to IEC 61508 5E-7 1/N	to ATEX	
	Prnu with nigh demand rate according to IEC 61508	⊃E-1 I/IÌ

relating to ATEX	
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
<ul> <li>according to ATEX directive 2014/34/EU</li> </ul>	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>





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=3RW5514-1HA14

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5514-1HA14

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5514-1HA14

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5514-1HA14&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

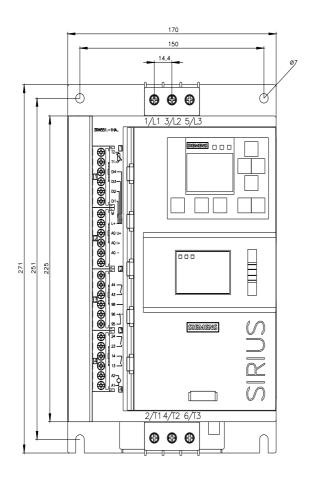
https://support.industry.siemens.com/cs/ww/en/ps/3RW5514-1HA14/char

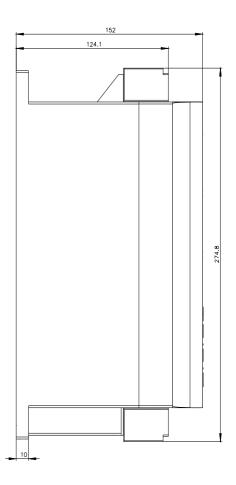
Characteristic: Installation altitude

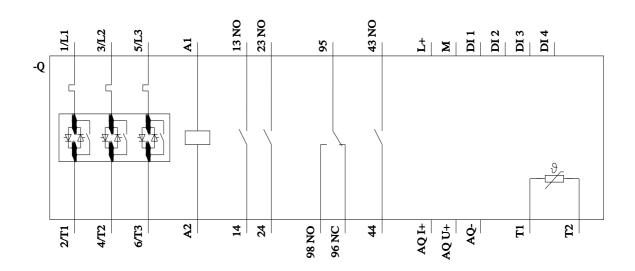
 $\underline{\text{http://www.automation.siemens.com/bilddb/index.aspx?view=Search\&mlfb=3RW5514-1HA14\&objecttype=14\&gridview=view1agridview$ 

Simulation Tool for Soft Starters (STS)

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







last modified: 6/6/2024 🖸

