## SIEMENS

## Data sheet

## 3RW5516-3HF14



SIRIUS soft starter 200-480 V 32 A, 110-250 V AC, spring-type terminals Fail-safe

product brand name	SIRIUS
product category	Hybrid switching devices
product designation	Failsafe soft starters
product type designation	3RW55
manufacturer's article number	
<ul> <li>of high feature HMI module usable</li> </ul>	<u>3RW5980-0HF00</u>
<ul> <li>of communication module PROFINET standard usable</li> </ul>	<u>3RW5980-0CS00</u>
<ul> <li>of communication module PROFINET high-feature usable</li> </ul>	<u>3RW5950-0CH00</u>
<ul> <li>of communication module PROFIBUS usable</li> </ul>	<u>3RW5980-0CP00</u>
<ul> <li>of communication module Modbus TCP usable</li> </ul>	<u>3RW5980-0CT00</u>
<ul> <li>of communication module Modbus RTU usable</li> </ul>	<u>3RW5980-0CR00</u>
<ul> <li>of communication module Ethernet/IP</li> </ul>	<u>3RW5980-0CE00</u>
<ul> <li>of circuit breaker usable at 400 V</li> </ul>	3RV2032-4VA10; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3RV2032-4VA10; Type of coordination 1, Iq = 10 kA, CLASS 10
<ul> <li>of circuit breaker usable at 400 V at inside-delta circuit</li> </ul>	3RV2032-4JA10; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of circuit breaker usable at 500 V at inside-delta circuit</li> </ul>	3RV2032-4JA10; Type of coordination 1, Iq = 10 kA, CLASS 10
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	3NA3824-6; Type of coordination 1, Iq = 65 kA
<ul> <li>of the gG fuse usable at inside-delta circuit up to 500 V</li> </ul>	3NA3824-6; 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>	<u>3NE1818-0; Type of coordination 2, Iq = 65 kA</u>
<ul> <li>of back-up R fuse link for semiconductor protection usable up to 690 V</li> </ul>	<u>3NE8022-1; Type of coordination 2, Iq = 65 kA</u>
<ul> <li>of the redundant contactor for applications &gt; SIL 1 according to EN 62061</li> </ul>	<u>3RT2036</u>
<ul> <li>of the redundant contactor for applications &gt; SIL 1 at inside-delta circuit according to EN 62061</li> </ul>	<u>3RT2036</u>
<ul> <li>of the redundant contactor for applications &gt; SIL 1 according to EN ISO 13849-1</li> </ul>	<u>3RT2037</u>
<ul> <li>of the redundant contactor for applications &gt; SIL 1 at inside-delta circuit according to EN ISO 13849-1</li> </ul>	<u>3RT2037</u>
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	5 (based of field 01557-12)
• CE marking	Yes
UL approval	Yes
	Yes
CSA approval	Tes
<ul> <li>Product component</li> <li>HMI-High Feature</li> </ul>	Yes
	Yes
is supported HMI-High Feature  product feature integrated hypers contact system	Yes
product feature integrated bypass contact system number of controlled phases	3
•	10 60 %
current unbalance limiting value [%]	10 95 %
ground-fault monitoring limiting value [%]	10 95 %
buffering time in the event of power failure	100 mg
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
vibration resistance	15 mm up to 6 Hz; 2 g up to 500 Hz
recovery time after overload trip adjustable	60 1 800 s
utilization category according to IEC 60947-4-2	AC 53a
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	11/22/2019
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 Diboron trioxide - 1303-86-2 Lead titanium trioxide - 12060-00-3
Weight	3.202 kg
product function	
<ul> <li>ramp-up (soft starting)</li> </ul>	Yes
• ramp-down (soft stop)	Yes
<ul> <li>breakaway pulse</li> </ul>	Yes
adjustable current limitation	Yes
<ul> <li>creep speed in both directions of rotation</li> </ul>	Yes
• pump ramp down	Yes
DC braking	Yes
motor heating	Yes
• min/max pointer	Yes
trace function	Yes
<ul> <li>intrinsic device protection</li> </ul>	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
communication function	Yes
operating measured value display	Yes
event list	Yes
	100

error logbook	Yes
<ul> <li>via software parameterizable</li> </ul>	Yes
<ul> <li>via software configurable</li> </ul>	Yes
screw terminal	No
<ul> <li>spring-loaded terminal</li> </ul>	Yes
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
voltage ramp	Yes
torque control	Yes
<ul> <li>combined braking</li> </ul>	Yes
<ul> <li>analog output</li> </ul>	Yes; 4 20 mA (default) / 0 10 V
<ul> <li>programmable control inputs/outputs</li> </ul>	Yes
<ul> <li>condition monitoring</li> </ul>	Yes
<ul> <li>automatic parameterisation</li> </ul>	Yes
<ul> <li>application wizards</li> </ul>	Yes
<ul> <li>alternative run-down</li> </ul>	Yes
<ul> <li>emergency operation mode</li> </ul>	Yes
reversing operation	Yes
<ul> <li>soft starting at heavy starting conditions</li> </ul>	Yes
Power Electronics	
operational current	
<ul> <li>at 40 °C rated value</li> </ul>	32 A
<ul> <li>at 40 °C rated value minimum</li> </ul>	6.5 A
<ul> <li>at 50 °C rated value</li> </ul>	28.4 A
<ul> <li>at 60 °C rated value</li> </ul>	26 A
operational current at inside-delta circuit	
<ul> <li>at 40 °C rated value</li> </ul>	55.4 A
• at 50 °C rated value	49 A
• at 60 °C rated value	45 A
operating voltage	
rated value	200 480 V
<ul> <li>at inside-delta circuit rated value</li> </ul>	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	7.5 kW
<ul> <li>at 230 V at inside-delta circuit at 40 °C rated value</li> </ul>	15 kW
• at 400 V at 40 °C rated value	15 kW
• at 400 V at inside-delta circuit at 40 °C rated value	22 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	10 W
● at 50 °C after startup	9 W
● at 60 °C after startup	8 W
power loss [W] at AC at current limitation 350 %	
● at 40 °C during startup	519 W
● at 50 °C during startup	437 W
at 60 °C during startup	386 W
type of the motor protection	Electronic, tripping in the event of thermal overload of the motor
Control circuit/ Control	
type of voltage of the control supply voltage	AC

control supply voltage at AC	
• at 50 Hz	110 250 V
● at 60 Hz	110 250 V
relative negative tolerance of the control supply voltage at AC at 50 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 50 Hz	10 %
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 60 Hz	10 %
control supply voltage frequency	50 60 Hz
relative negative tolerance of the control supply voltage frequency	-10 %
relative positive tolerance of the control supply voltage frequency	10 %
control supply current in standby mode rated value	100 mA
holding current in bypass operation rated value	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
with fail-safe	1
parameterizable	4
• parameterizable	- 4
<ul> <li>number of digital outputs</li> </ul>	3
Number of digital outputs with fail-safe	1
number of digital outputs parameterizable	2
number of digital outputs not parameterizable	1
digital output version	2 normally-open contacts (NO) / 1 normally-closed contact (NC) / 1 changeover contact (CO)
number of analog outputs	1
switching capacity current of the relay outputs	
<ul> <li>at AC-15 at 250 V rated value</li> </ul>	3 A
• at DC-13 at 24 V rated value	1 A
Response times	
OFF-delay time with safety-related request when switched off	100 ms
via control inputs maximum	
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	2.6 kg
Connections/ Terminals	
type of electrical connection	
type of electrical connection <ul> <li>for main current circuit</li> </ul>	screw-type terminals
for main current circuit	screw-type terminals
<ul> <li>for main current circuit</li> <li>for control circuit</li> </ul>	screw-type terminals spring-loaded terminals
for main current circuit	

<ul> <li>will conductor cost section 1.5 mm<sup>2</sup> maximum</li> <li>will conductor cores sections</li> <li>for main controls</li> <li>for main controls</li> <li>for main controls</li> <li>for main control circuit sold</li> <li>for control controls with screw-type terminals</li> <li>for c</li></ul>				
Type of connectable conductor cross-sections              • for main contrads             •		150 m		
- orbit     - orbit     - first ystanded with core ond processing     - first ystanded with core ond processing     2x (1.02.5 mm <sup>2</sup> ), 2x (2.510 mm <sup>2</sup> )     2x (1.48)     2x (1.4	• with conductor cross-section = 2.5 mm <sup>2</sup> maximum	250 m		
- Imply standard with core and processing     2 x (10, 2.5 mm <sup>2</sup> )     2 x (14, 0)     2 (0.25, 1.5 mm <sup>2</sup> )     2 x (0.2, 1.5 mm <sup>2</sup> )     3 x (0.2, 1.5 mm <sup>2</sup> )     4 x (0	<ul> <li>for main contacts</li> </ul>			
• for AWG tables for number direct stated         2x (16.–12), 2x (14.–8).           Vipe of connectable conductor cross-sections         2x (0.251.5 mm²).           • for control direct flexly standed with core end processing         2x (0.251.5 mm²).           • for AWG cables for control direct stated         2x (0.251.5 mm²).           • for AWG cables for control direct stated         2x (0.251.5 mm²).           • for AWG cables for control direct stated         2x (0.251.5 mm²).           • for AWG cables for control direct stated         2x (0.251.5 mm²).           • for AWG cables for control direct stated         2x (0.251.5 mm²).           • the digital inputs at DC maximum         800 m           • for anality and control contacts with servery-type terminals         0	— solid	2x (1.0 2.5 mm²), 2x (2.5 10 mm²)		
type of connectable conductor cross-sections         2x (0.25 1.5 mm <sup>2</sup> )           • for control circuit field standad with core end processing         2x (0.25 1.5 mm <sup>2</sup> )           • for AVG cables for control circuit field standad with core end processing         2x (0.25 1.5 mm <sup>2</sup> )           • for AVG cables for control circuit field standard with core end processing         2x (0.25 1.5 mm <sup>2</sup> )           • for AVG cables for control circuit field standard with core end processing         2x (0.25 1.5 mm <sup>2</sup> )           • for main contable with screw-type terminals         900 m           • of re auxing vield inpode a IC controls with screw-type         0.8 1.2 N m           • for main contable with screw-type terminals         1 2.1 bin           • for main contable with screw-type terminals         1 2.2 lib in           • for main contable with screw-type terminals         1 2.2 lib in           • for main contable with screw-type terminals         2 2.5 Nm           • during strage and tangot         -4.0 Viel Posae observe derating at temperatures of 40 °C or above           • during strage and tangot         -4.0 Viel Posae observe derating at temperatures of 40 °C or above           • during strage according to IEC 60721         246 fin to for formation, only occasional condemation), 1.02 (no sait mist), 1.52 (sand must not get inable the devices), 1.044           • during strage according to IEC 60721         2424, 2	<ul> <li>— finely stranded with core end processing</li> </ul>	2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)		
a for control cloud, solid       2x (0.25 = 1.5 mm²)         x (24 = 16)       2x (0.24 = 1.6 mm²)         x (24 = 16)       2x (0.24 = 1.6 mm²)         x (24 = 16)       2x (0.24 = 1.6 mm²)         x (24 = 1.6 mm²)       2x (0.24 = 1.6 mm²)         x (24 = 1.6 mm²)       2x (0.24 = 1.6 mm²)         x (24 = 1.6 mm²)       2x (0.24 = 1.6 mm²)         x (24 = 1.6 mm²)       2x (0.24 = 1.6 mm²)         x (24 = 1.6 mm²)       2x (0.2 mm²)	<ul> <li>for AWG cables for main current circuit solid</li> </ul>	2x (16 12), 2x (14 8)		
for control cross threak standed with once and processing     if or AWG cables for control cross threak standed with     if or early processing     if or AWG cables for control cross threak standed with     if or early processing     if or available inputs at Domesmin m     if or early processing     if or available inputs at Domesmin m     if or available inputs at Domesmin m     if or available inputs at Domesmin m     if or available and stander with screew-type     if or available and stander with screew-type     if or available and stander with screew-type     if or available and screew-type terminals     if or available and screew-type     iterminals     if or available and screew-type     iterminals     if or available and threader to available     ambient temperature     iduring operation	type of connectable conductor cross-sections			
tor AWG cables for control circuit finely stranded with     server AWG cables for control circuit finely stranded     server AWG cables for control circuit finely stranded with server AWG cables and contensation.     Server Server AWG cables for control circuit finely stranded     server AWG cables for control circuit according to IEC 60721     server AWG cables for control circuit according to IEC 60721     server AWG cables for control circuit according to IEC 60721     server AWG cables for control circuit according to IEC 60721     server AWG cables for control circuit according to IEC 60721     server AWG cables for control circuit according to IEC 60721     server AWG cables for the direcircuit according to IEC 60721     server AWG cables for the direcircuit according to IEC 60721     server AWG cables for control circuit acco	<ul> <li>for control circuit solid</li> </ul>	2x (0.25 1.5 mm²)		
• for AWC cables for control circuit finely stranded with core end processing         2x (24 16)           • wire length         800 m           • at the digit inputs at DC maximum         1000 m           • for main contrates with screw-type terminals         2 2.5 Nm           • for main contrates with screw-type terminals         2 2.5 Nm           • for main controls outhol contacts with screw-type         2 2.5 Nm           • for main controls with screw-type terminals         18 22 lb fm           • for main control controls with screw-type         7 10.3 lb fm           Immination attude at height above sea level maximum         2000 m; bersting as of 1000 m, see catalog           • authorit temperature         -25 +60 °C; Please observe dorating at temperatures of 40 °C or above           • during operation         -25 +60 °C; Please observe dorating at temperatures of 40 °C or above           • during storage and ransport         -40 +80 °C           • during storage ancording to IEC 60721         3K6 (no loc formation, only occasional condensation), 3C3 (no salt mist), 3S2 (tand must not get limb the devices), 3M6           • during storage according to IEC 60721         2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m) <b>EViconanuel Looptinit</b> Stermen EcoFredi           Stermens Eco Fredie (SEP)         Stermens EcoFredie <b>EMC entited Interforence</b> aco, lo IE	<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	2x (0.25 1.5 mm²)		
core and processing         Model           wire length         800 m           • at the digital inputs at DC maximum         800 m           • of main contracts with screw-type terminals         2 2.5 Nm           • for main contracts with screw-type terminals         2 2.5 Nm           • for main contracts with screw-type terminals         2 2.5 Nm           • for main contracts with screw-type terminals         7 10.3 lb/in           • for main contracts with screw-type terminals         7 10.3 lb/in           • for main contracts with screw-type terminals         7 10.3 lb/in           • for main contracts with screw-type terminals         7 10.3 lb/in           • for main contracts with screw-type terminals         7 10.3 lb/in           • for main contracts with screw-type terminals         7 10.3 lb/in           • during sperator         -25 +60 °C; Please observe derating at temperatures of 40 °C or above           • during storage and transport         -40 +80 °C           • during storage according to IEC 60721         3K6 (no loc formation, only occasional condensation), 3C3 (no salt mist), 3S2 (tand must not get link deduces), 3M6           • during storage according to IEC 60721         2K2, 2C1, 2S1, 2M2 (max fail height 0.3 m) <b>Eviconeutic Looprint</b> 3cc. Io IEC 60947-42. Class A. Class B on request <b>Communication module</b>	<ul> <li>for AWG cables for control circuit solid</li> </ul>	2x (24 16)		
• between soft starter and motor maximum     • a the digital inputs at DC maximum     1000 m		2x (24 16)		
	wire length			
tightening forque <ul> <li>i for main contacts with screw-type terminals</li> <li>i for main contacts with screw-type terminals</li> <li>i for an in contacts with screw-type terminals</li> <li>i for main contacts with screw-type terminals</li> <li>i for an in contacts with screw-type terminals</li> <li>i for an in contacts with screw-type terminals</li> <li>i an 22 lbfn</li> <li>i an 32 lbfn</li></ul>	<ul> <li>between soft starter and motor maximum</li> </ul>	800 m		
• for main contacts with screw-type terminals         2 2.5 Nm           • for auxiliary and control contacts with screw-type terminals         0.8 12 N-m           • tightening torque [JFI/I]         • for auxiliary and control contacts with screw-type terminals           • for auxiliary and control contacts with screw-type terminals         18	<ul> <li>at the digital inputs at DC maximum</li> </ul>	1 000 m		
	tightening torque			
terminals       Imminals         Fightening torque [IbFin]       18	<ul> <li>for main contacts with screw-type terminals</li> </ul>	2 2.5 N·m		
• for main contacts with screw-type terminals       18 22 lbf-in         • for auxiliary and control contacts with screw-type terminals       7 10.3 lbf-in         Anbient conditions       2 000 m; Derating as of 1000 m, see catalog         ambient temperature       - 40 480 °C         • during operation       - 25 460 °C; Please observe derating at temperatures of 40 °C or above         • during operation       - 40 480 °C         • during storage according to IEC 60721       3K6 (noi ce formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)         Environmental footprint       Siemens EcoTech         Siemens EcoTech       acc. to IEC 60947-4.2: Class A, Class B on request         Communication/ Protocol       Communication/ Protocol         Communication Module is supported       Yes         • ROFINET standard       Yes         • ROFINET standard       Yes         • Ad60480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         • at 460480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         • at 460480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         • at 675600 V at inside-detta circuit acco		0.8 1.2 N·m		
• for axiallary and control contacts with screw-type terminals       7 10.3 lbf in         Antisent conditions       2 000 m; Derating as of 1000 m, see catalog         ambient temperature       - 40 · C; Please observe derating at temperatures of 40 °C or above         • during operation       - 40 · C; Please observe derating at temperatures of 40 °C or above         • during operation according to IEC 60721       - 40 °C         • during transport according to IEC 60721       3K6 (no los formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get init the devices), 3M6         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)         Environmental footprint       Siemens Eco Profile (SEP)         Siemens Eco Profile (SEP)       Siemens Eco ForeIn         communication module is supported       - exc. to IEC 60947-4-2: Class A, Class B on request         Communication/ Protocol       - exc. to IEC 60947-4-2: Class A, Class B on request         Communication/ Protocol       - exc. to IEC 60947-4-2: Class A, Class B on request         Communication/ Protocol       - exc. to IEC 60947-4-2: Class A, Class B on request         Control transformer's article number       - exc. to IEC 60947-4-2: Class A, Class B on request         Modus RTU       Yes         • ROC/INET high-feature       Yes         • Browning tore table for Standard Faults       Yes	tightening torque [lbf·in]			
Ambient conditions         ambient condition attitude at height above sea level maximum       2 000 m; Derating as of 1000 m, see catalog         ambient temperature       -25 +60 °C; Please observe derating at temperatures of 40 °C or above         - during operation       -26 +60 °C; Please observe derating at temperatures of 40 °C or above         - during operation       -26 +60 °C; Please observe derating at temperatures of 40 °C or above         - during operation       -26 +60 °C; Please observe derating at temperatures of 40 °C or above         - during operation according to IEC 60721       3K6 (no lee formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get inis the devices), 5M4         - during transport according to IEC 60721       2K2 (20, 281, 2M2 (max. fail height 0.3 m)         Environmental cooprint       -         Siemens Eco Profile (SEP)       Siemens Eco Tech         acc. to IEC 60947.4-2; Class A, Class B on request       -         Communication module is supported       Yes         • PROFINET high-feature       Yes         • Broor Numer S article number       Yes         • of circuit breaker usable for Standard Faults       -         - at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max, 100 A; Iq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max, 100 A; Iq = 5 kA         Siemens type: 3RV2742, max. 70 A or	<ul> <li>for main contacts with screw-type terminals</li> </ul>	18 22 lbf-in		
Ambient conditions         Installation altitude at height above sea level maximum       2 000 m; Derating as of 1000 m, see catalog         ambient temperature       -40 +60 °C; Please observe derating at temperatures of 40 °C or above         • during storage and transport       -40 +60 °C; Please observe derating at temperatures of 40 °C or above         • during storage according to IEC 60721       3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (said must not get into the devices), 3M6         • during transport according to IEC 60721       3K6 (no ice formation, only occasional condensation), 1C2 (no salt must), 1S2 (sand must not get inside the devices), 1M4         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)         Environmental footprint       Siemens Eco Profile (SEP)       Siemens Eco Tech         acc. to IEC 60947.4-2: Class A, Class B on request       Communication/ Protocol         Communication Module is supported       Yes         • PROFINET high-feature       Yes         • Of circuit breaker usable for Standard Faults       - at 400/480 V a tinside-delta circuit according to UL         - at 400/480 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         Siemens type: 3VA21, max. 60 A; Iq max = 65 kA       Siemens type: 3VA21, max. 60 A; Iq max = 65 kA         Siemens type: 3VA21, max. 60 A; Iq max = 65 kA       Siemens type:	<ul> <li>for auxiliary and control contacts with screw-type</li> </ul>	7 10.3 lbf·in		
installation attitude at height above sea level maximum         2 000 m; Derating as of 1000 m, see catalog           ambient temporature         -25 +60 °C; Please observe derating at temperatures of 40 °C or above           - during storage and transport         -26 +60 °C; Please observe derating at temperatures of 40 °C or above           - during operation         -26 +60 °C; Please observe derating at temperatures of 40 °C or above           - during operation according to IEC 60721         3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 352 (sand must not get inside the devices), 3M6           - during transport according to IEC 60721         2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)           Environmental footprint         Siemens EcoTech           acc. to IEC 60947-4-2; Class A, Class B on request         Communication module is supported           • PROFINET standard         Yes           • PROFINET standard         Yes           • Modbus TCP         Yes           • Adov480 V according to UL         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA           • at 400480 V according to UL         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA           • at 40480 V at inside-delta circuit according to UL         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA           • at 40480 V at inside-delta circuit according to UL         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA	terminals			
ambient temperature       -25 +60 °C; Please observe derating at temperatures of 40 °C or above         • during operation       -25 +60 °C; Please observe derating at temperatures of 40 °C or above         • during operation according to IEC 60721       3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 352 (sand must not get in the devices), 3M6         • during storage according to IEC 60721       1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get in the devices), 1M4         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)         Environmental footprint       Siemens EcoTech         acc. to IEC 60947-4-2: Class A, Class B on request       Communication         Communication module is supported       Yes         • PROFINET standard       Yes         • Configure Thigh-feature       Yes         • Configure Thigh-feature       Yes         • PROFINET standard       Yes         • Ordie Vaccording to UL       Yes         • Ad0/480 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         S	Ambient conditions			
<ul> <li>during operation</li> <li>during storage and transport</li> <li>during storage and transport</li> <li>during storage and transport</li> <li>during operation according to IEC 60721</li> <li>3K6 (no lee formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6</li> <li>during storage according to IEC 60721</li> <li>during transport according to IEC 60721</li> <li>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>Environmental footprint</li> <li>Exc to EdG (SEP)</li> <li>Siemens Eco Profile (SEP)</li> <li>Siemens Eco Profile</li></ul>	installation altitude at height above sea level maximum	2 000 m; Derating as of 1000 m, see catalog		
• during storage and transport       -40 +80 °C         environmental category       • during operation according to IEC 60721       3K6 (no loc formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6         • during storage according to IEC 60721       1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m)         Environmental footprint       Siemens EcoTech         acc. to IEC 60947.4-2: Class A, Class B on request         Communication module is supported       Yes         • PROFINET standard       Yes         • Of circuit broaker usable for Standard Faults       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         • of standard storiul according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         • at 450/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         • at 450/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         • at 650/480 V at inside-delta circuit a	ambient temperature			
environmental category <ul> <li>during operation according to IEC 60721</li> <li>during storage according to IEC 60721</li> <li>during itansport according to IEC 60721</li> <li>during transport according to IEC 60721</li> </ul> 3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get inside the devices), 3M6 <ul> <li>during transport according to IEC 60721</li> <li>during transport according to IEC 60721</li> <li>during transport according to IEC 60721</li> </ul> 3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get inside the devices), 3M6 <ul> <li>during transport according to IEC 60721</li> <li>during transport according to IEC 60721</li> <li>during transport according to IEC 60721</li> <li>during transport according to IL</li> <li>ender Neurolation module is supported</li> <li>PROFINET standard</li> <li>Yes</li> <li>Modbus RTU</li> <li>Yes</li> <li>Modbus RTU</li> <li>Yes</li> <li>Modbus RTU</li> <li>Yes</li> <li>Modbus RTU</li> <li>Yes</li> </ul> <ul> <li>at 460/480 V according to UL</li> <li>at 675/600 V accordi</li></ul>	<ul> <li>during operation</li> </ul>	-25 +60 °C; Please observe derating at temperatures of 40 °C or above		
<ul> <li>during operation according to IEC 60721</li> <li>during storage according to IEC 60721</li> <li>during storage according to IEC 60721</li> <li>the devices), 1M4</li> <li>during transport according to IEC 60721</li> <li>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, ZC1, ZK2, ZK2, ZK1, ZK2, ZK2</li></ul>	<ul> <li>during storage and transport</li> </ul>	-40 +80 °C		
(sand must not get into the devices), 3M6         • during storage according to IEC 60721       1K6 (only occasional condensation), 1C2 (no sait mist), 1S2 (sand must not get inside the devices), 1M4         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)         Environmental footprint       Siemens EcoTech         Siemens Eco Profile (SEP)       Siemens EcoTech         EMC emitted interference       acc. to IEC 60947.4-2: Class A, Class B on request         Communication/ Protocol       •         communication module is supported       Yes         • PROFINET standard       Yes         • PROFINET standard       Yes         • Modbus RTU       Yes         • Modbus TCP       Yes         • PROFIBUS       Yes         UUCSA ratings       Yes         • of circuit breaker usable for Standard Faults       - at 460/480 V according to UL         - at 400/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         • at 675/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         • at 675/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         • of the fuse       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         • at 575/600 V according to UL <t< td=""><td>environmental category</td><td></td></t<>	environmental category			
• during storage according to IEC 60721       1K8 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2W2 (max. fall height 0.3 m)         Environmental footprint       3         Siemens Eco Profile (SEP)       Siemens EcoTech         EdCommulcation? Protocol       acc. to IEC 60947.4-2: Class A, Class B on request         Communication module is supported       • PROFINET standard         • PROFINET standard       Yes         • EtherNet/IP       Yes         • Modbus RTU       Yes         • Modbus TCP       Yes         • PROFIBUS       Yes         UL/CSA ratings       Yes         manufacturer's article number       • of cliculi breaker usable for Standard Faults         - at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         · e0/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         · at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         · e1 450/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         · at 450/480 V at inside-detta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         · at 4575/600 V a	<ul> <li>during operation according to IEC 60721</li> </ul>	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2		
• during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m)         Environmental footprint         Siemens Eco Profile (SEP)       Siemens Eco Tech         EMC emitted interference       acc. to IEC 60947-4-2: Class A, Class B on request         Communication Protocol          communication module is supported       Yes         • PROFINET standard       Yes         • PROFINET standard       Yes         • Modbus RTU       Yes         • Modbus TCP       Yes         • PROFIBUS       Yes         ULCSA ratings       Yes         manufacturer's article number       of circuit breaker usable for Standard Faults         - at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         - at 460/480 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq =				
• during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m)         Environmental footprint         Siemens Eco Profile (SEP)       Siemens Eco Tech         EMC emitted interference       acc. to IEC 60947-4-2: Class A, Class B on request         Communication M Protocol       Communication module is supported         • PROFINET standard       Yes         • PROFINET high-feature       Yes         • Modbus RTU       Yes         • Modbus TCP       Yes         • PROFIBUS       Yes         UCSA ratings       Yes         ULCSA ratings       Yes         • at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         · at 460/480 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         · at 460/480 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         · at 660/480 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         · at 675/600 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         · at 675/600 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         · at 575/600 V at inside-del	<ul> <li>during storage according to IEC 60721</li> </ul>			
Environmental footprint         Stemens Eco Profile (SEP)         EMC emitted interference         Communication / Protocol         communication module is supported         • PROFINET standard         • PROFIBUS         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 according to UL         - at 60/480 V according to UL         - at 675/600 V at inside-delta circuit according to UL         - at 675/600 V according to UL         - at 675/600 V according to UL         - at 675/600 V at inside-delta circuit according to UL         - at 675/600 V at inside-delta circuit according to UL	<ul> <li>during transport according to IEC 60721</li> </ul>			
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       exc. to IEC 60947-4-2: Class A, Class B on request         Communication module is supported       exc. to IEC 60947-4-2: Class A, Class B on request         PROFINET high-feature       Yes         • PROFINET high-feature       Yes         • Modbus RTU       Yes         • Modbus RTU       Yes         • Modbus TCP       Yes         • PROFIBUS       Yes         UL/CSA ratings       Yes         manufacturer's article number       siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         - at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         - at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         - at 675/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         - at 675/600 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         - at 675/600 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100				
EMC emitted interference       acc. to IEC 60947-4-2; Class A, Class B on request         Communication module is supported       PROFINET standard         • PROFINET standard       Yes         • PROFINET high-feature       Yes         • EtherNet/IP       Yes         • Modbus RTU       Yes         • Modbus RTU       Yes         • PROFIBUS       Yes <b>ULCSA ratings</b> Yes         manufacturer's article number       of circuit breaker usable for Standard Faults         - at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         - at 460/480 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         - at 675/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         - at 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         - at 575/600 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         - usable for Standard Faults up to 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA         - usable for Standard Faults up to 575/600 V according		Siemens EcoTech		
Communication / Protocol         communication module is supported         • PROFINET standard       Yes         • PROFINET high-feature       Yes         • EtherNet/IP       Yes         • Modbus RTU       Yes         • Modbus TCP       Yes         • PROFIBUS       Yes <b>UL/CSA ratings</b> Yes <b>UL/CSA ratings</b> Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         • of circuit breaker usable for Standard Faults       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 60 A; Iq max = 65 kA         - at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 60 A; Iq max = 65 kA         - at 4575/600 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         - at 575/600 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         - at 575/600 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         - at 575/600 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         - usable for Standard Faults up to 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA         - usable for Standard Faults up to 575/600 V according to UL       Type: Class RK5 / K5, max. 125				
communication module is supported <ul> <li>PROFINET standard</li> <li>Yes</li> <li>PROFINET high-feature</li> <li>PROFINET high-feature</li> <li>Yes</li> </ul> etherNet/IP         Yes                  etherNet/IP             Yes                Modbus RTU         Yes                Modbus RTU         Yes                Modbus RTOP         Yes                PROFIBUS         Yes                UL/CSA ratings                manufacturer's article number               of circuit breaker usable for Standard Faults               Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA                 – at 460/480 V according to UL              Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA                 – at 460/480 V at inside-delta circuit according to UL              Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA                 – at 575/600 V at inside-delta circuit according to UL              Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA                 – at 57/600 V at inside-delta circuit according to UL              Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A;				
<ul> <li>PROFINET standard</li> <li>Yes</li> <li>PROFINET high-feature</li> <li>Yes</li> <li>PROFINET high-feature</li> <li>Yes</li> <li>EtherNet/IP</li> <li>Yes</li> <li>Modbus RTU</li> <li>Yes</li> <li>Modbus RTU</li> <li>Yes</li> <li>Modbus TCP</li> <li>Yes</li> <li>PROFIBUS</li> <li>Yes</li> <li>UL/CSA ratings</li> <li>UL/CSA ratings</li> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>60/480 V at inside-delta circuit according to UL</li> <li>60/480 V at inside-delta circuit according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type:</li></ul>				
• PROFINET high-featureYes• EtherNet/IPYes• Modbus RTUYes• Modbus TCPYes• PROFIBUSYes <b>UL/CSA ratings</b> Yes <b>UL/CSA ratings</b> Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA- at 460/480 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 60 A; lq max = 65 kA- at 460/480 V at coording to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA- at 460/480 V at coording to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA- at 460/480 V at coording to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA- at 460/480 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA- at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA- at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA- at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA- at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA- of the fuse- usable for Standard Faults up to 575/600 V- usable for High Faults up to 575/600 V according to ULType: Class J/L, max. 125 A; lq = 5 kA- usable for Standard Faults at inside-delta circuit upType: Class RK5 / K5, max. 125 A; lq = 5 kA		Vaa		
EtherNet/IPYesModbus RTUYesModbus TCPYesPROFIBUSYesUL/CSA ratingsYesUL/CSA ratingsImmufacturer's article number- at 460/480 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA- at 460/480 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA- at 460/480 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA- at 460/480 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA- at 460/480 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA- at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA- at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA- at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA- at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; Iq = 5 kA- of the fuse- usable for Standard Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 125 A; Iq = 5 kA- usable for High Faults up to 575/600 V according to ULType: Class SK5 / K5, max. 125 A; Iq = 5 kA- usable for Standard Faults at inside-delta circuit upType: Class RK5 / K5, max. 125 A; Iq = 5 kA- usable for Standard Faults at inside-delta circuit up<				
<ul> <li>Modbus RTU</li> <li>Yes</li> <li>Modbus TCP</li> <li>Yes</li> <li>PROFIBUS</li> <li>Yes</li> </ul> UL/CSA ratings UL/CSA ratings Idiamaticaturer's article number <ul> <li>of circuit breaker usable for Standard Faults</li> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>60/480 V according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>60/480 V at inside-delta circuit according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 60 A; lq max = 65 kA</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>at 575/600 V according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>of the fuse</li> <li>usable for Standard Faults up to 575/600 V</li> <li>Class RK5 / K5, max. 125 A; lq = 5 kA</li> <li>Type: Class J / L, max. 125 A; lq = 100 kA</li> <li>UL</li> <li>usable for Standard Faults at inside-delta circuit up</li> <li>Type: Class RK5 / K5, max. 125 A; lq = 5 kA</li> </ul>	0			
<ul> <li>Modbus TCP</li> <li>PROFIBUS</li> <li>Yes</li> <li>UL/CSA ratings</li> <li>of circuit breaker usable for Standard Faults</li> <li>- at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 60 A; lq max = 65 kA</li> <li>60/480 V at inside-delta circuit according to UL</li> <li>60/480 V at inside-delta circuit according to UL</li></ul>				
PROFIBUS Yes  UL/CSA ratings  manufacturer's article number     of circuit breaker usable for Standard Faults         - at 460/480 V according to UL         - bi/480 V according to UL         - at 460/480 V at inside-delta circuit according to UL         - at 460/480 V at inside-delta circuit according to UL         - at 460/480 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         - 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 Standard Faults up to 575/600 V         according to         UL         - usable for Standard Faults at inside-delta circuit up         Type: Class RK5 / K5, max. 125 A; lq = 5 kA				
UL/CSA ratings         manufacturer's article number         • of circuit breaker usable for Standard Faults         - at 460/480 V according to UL         - 60/480 V according to UL         - at 460/480 V at inside-delta circuit according to UL         - 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         - 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         - 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         - usable for High Faults up to 575/600 V         - usable for High Faults up to 575/600 V according to UL         - usable for Standard Faults at inside-delta circuit up         - usable for Standard Faults at inside-delta circuit up         - usable for Standard Faults at inside-delta circuit up         - usable for Standard Faults at inside-delta circuit up         - usable for Standard Faults at insid				
manufacturer's article number         • of circuit breaker usable for Standard Faults         - at 460/480 V according to UL         - 60/480 V according to UL         - at 460/480 V at inside-delta circuit according to UL         - at 460/480 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 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         - usable for Standard Faults at inside-delta circuit up         - usable for Standard Faults at inside-delta circuit up         - usable for Standard Faults at inside-delta circuit up				
<ul> <li>of circuit breaker usable for Standard Faults         <ul> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>60/480 V according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>60/480 V at inside-delta circuit according to UL</li> <li>at 575/600 V according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>of the fuse</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>Siemens type: Class RK5 / K5, max. 125 A; lq = 5 kA</li> <li>Type: Class J / L, max. 125 A; lq = 100 kA</li> <li>Type: Class RK5 / K5, max. 125 A; lq = 5 kA</li> </ul> </li> </ul>	UL/CSA ratings			
at 460/480 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA 60/480 V according to ULSiemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA at 460/480 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA 60/480 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA 60/480 V at inside-delta circuit according to ULSiemens type: 3VA51, max. 60 A; lq max = 65 kA at 575/600 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA 75/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA usable for Standard Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 125 A; lq = 5 kA usable for High Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 125 A; lq = 100 kA usable for Standard Faults at inside-delta circuit upType: Class RK5 / K5, max. 125 A; lq = 5 kA				
<ul> <li>- 60/480 V according to UL</li> <li>- at 460/480 V at inside-delta circuit according to UL</li> <li>- 60/480 V at inside-delta circuit according to UL</li> <li>- 60/480 V at inside-delta circuit according to UL</li> <li>- 60/480 V at inside-delta circuit according to UL</li> <li>- at 575/600 V according to UL</li> <li>- 75/600 V at inside-delta circuit according to UL</li> <li>- 75/600 V at inside-delta circuit according to UL</li> <li>- 75/600 V at inside-delta circuit according to UL</li> <li>- 75/600 V at inside-delta circuit according to UL</li> <li>- 75/600 V at inside-delta circuit according to UL</li> <li>- at 575/600 V at inside-delta circuit according to UL</li> <li>- at 575/600 V at inside-delta circuit according to UL</li> <li>- at 575/600 V at inside-delta circuit according to UL</li> <li>- at 575/600 V at inside-delta circuit according to UL</li> <li>- at 575/600 V at inside-delta circuit according to UL</li> <li>- usable for Standard Faults up to 575/600 V according to UL</li> <li>- usable for High Faults up to 575/600 V according to UL</li> <li>- usable for Standard Faults at inside-delta circuit up</li> <li>- usable for Standard Faults at inside-delta circuit up</li> <li>- usable for Standard Faults at inside-delta circuit up</li> <li>- usable for Standard Faults at inside-delta circuit up</li> <li>- usable for Standard Faults at inside-delta circuit up</li> </ul>				
<ul> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>60/480 V at inside-delta circuit according to UL</li> <li>60/480 V at inside-delta circuit according to UL</li> <li>at 575/600 V according to UL</li> <li>75/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>be of the fuse</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up</li> <li>Type: Class RK5 / K5, max. 125 A; lq = 5 kA</li> <li>Type: Class RK5 / K5, max. 125 A; lq = 5 kA</li> </ul>	of circuit breaker usable for Standard Faults			
<ul> <li>60/480 V at inside-delta circuit according to UL</li> <li>at 575/600 V according to UL</li> <li>T5/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>Siemens type: 3VA51, max. 60 A; lq max = 65 kA</li> <li>Siemens type: 3VA51, max. 60 A; lq max = 65 kA</li> <li>Siemens type: 3VA51, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>of the fuse</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up</li> <li>Type: Class RK5 / K5, max. 125 A; lq = 5 kA</li> </ul>	• of circuit breaker usable for Standard Faults — at 460/480 V according to UL			
<ul> <li>at 575/600 V according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>75/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</li> <li>biemens type: Class RK5 / K5, max. 125 A; lq = 5 kA</li> <li>biemens type: Class RK5 / K5, max. 125 A; lq = 100 kA</li> <li>biemens type: Class RK5 / K5, max. 125 A; lq = 5 kA</li> </ul>	<ul> <li>of circuit breaker usable for Standard Faults</li> <li>— at 460/480 V according to UL</li> <li>— 60/480 V according to UL</li> </ul>	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA		
<ul> <li>75/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>of the fuse</li> <li>usable for Standard Faults up to 575/600 V</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>UL</li> <li>UL<!--</td--><td><ul> <li>of circuit breaker usable for Standard Faults         <ul> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> </ul> </li> </ul></td><td>Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA</td></li></ul>	<ul> <li>of circuit breaker usable for Standard Faults         <ul> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> </ul> </li> </ul>	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA		
<ul> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>of the fuse</li> <li>— usable for Standard Faults up to 575/600 V according to UL</li> <li>— usable for High Faults up to 575/600 V according to UL</li> <li>— usable for High Faults up to 575/600 V according to UL</li> <li>— usable for Standard Faults at inside-delta circuit up</li> <li>— usable for Standard Faults at inside-delta circuit up</li> </ul>	<ul> <li>of circuit breaker usable for Standard Faults         <ul> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> </ul> </li> </ul>	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA		
of the fuse	<ul> <li>of circuit breaker usable for Standard Faults         <ul> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>60/480 V at inside-delta circuit according to UL</li> </ul> </li> </ul>	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA		
— usable for Standard Faults up to 575/600 V       Type: Class RK5 / K5, max. 125 A; lq = 5 kA         — usable for High Faults up to 575/600 V according to UL       Type: Class J / L, max. 125 A; lq = 100 kA         — usable for Standard Faults at inside-delta circuit up       Type: Class RK5 / K5, max. 125 A; lq = 5 kA	<ul> <li>of circuit breaker usable for Standard Faults         <ul> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>60/480 V at inside-delta circuit according to UL</li> <li>at 575/600 V according to UL</li> </ul> </li> </ul>	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA		
according to UL       — usable for High Faults up to 575/600 V according to UL       Type: Class J / L, max. 125 A; Iq = 100 kA         — usable for Standard Faults at inside-delta circuit up       Type: Class RK5 / K5, max. 125 A; Iq = 5 kA	<ul> <li>of circuit breaker usable for Standard Faults         <ul> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>60/480 V at inside-delta circuit according to UL</li> <li>60/480 V at inside-delta circuit according to UL</li> <li>at 575/600 V according to UL</li> <li>75/600 V at inside-delta circuit according to UL</li> </ul> </li> </ul>	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA		
UL — usable for Standard Faults at inside-delta circuit up Type: Class RK5 / K5, max. 125 A; lq = 5 kA	<ul> <li>of circuit breaker usable for Standard Faults         <ul> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>60/480 V at inside-delta circuit according to UL</li> <li>at 575/600 V according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> </ul> </li> </ul>	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA		
	<ul> <li>of circuit breaker usable for Standard Faults         <ul> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>at 575/600 V according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> </ul> </li> </ul>	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA		
	<ul> <li>of circuit breaker usable for Standard Faults         <ul> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>at 575/600 V according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>according to UL</li> <li>usable for Standard Faults up to 575/600 V according to</li> <li>according to UL</li> <li>usable for High Faults up to 575/600 V according to</li> </ul> </li> </ul>	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 100 A; lq = 5 kA		

<ul> <li>— usable for High Faults at inside-delta circuit up to 575/600 V according to UL</li> </ul>	Type: Class J / L, max. 125 A; Iq = 100 kA
operating power [hp] for 3-phase motors	
• at 200/208 V at 50 °C rated value	7.5 hp
<ul> <li>at 220/230 V at 50 °C rated value</li> </ul>	10 hp
<ul> <li>at 460/480 V at 50 °C rated value</li> </ul>	20 hp
<ul> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> </ul>	15 hp
• at 220/230 V at inside-delta circuit at 50 °C rated value	15 hp
• at 460/480 V at inside-delta circuit at 50 °C rated value	30 hp
contact rating of auxiliary contacts according to UL	R300-B300
Safety related data	
product function suitable for safety function	Yes
suitability for use	
safety-related switching on	No
safety-related switching OFF	Yes
safe state	Open load circuit
function test interval maximum	1 a
	1 000 s
diagnostics test interval by internal test function maximum	
stop category according to IEC 60204-1	0
B10d value	1 588 000
average diagnostic coverage level (DCavg)	90 %
MTTFd	39 a
IEC 62061	
Safety Integrity Level (SIL) according to IEC 62061	1
PFHD with high demand rate according to IEC 62061	1E-6 1/h
ISO 13849	
performance level (PL) according to ISO 13849-1	C
IEC 61508	
Safety Integrity Level (SIL)	
according to IEC 61508	SIL 1
safety device type according to IEC 61508-2	Туре В
PFHD with high demand rate according to IEC 61508	1E-6 1/h
PFDavg with low demand rate according to IEC 61508	0.09
Safe failure fraction (SFF)	60 %
hardware fault tolerance according to IEC 61508	0
T1 value of service life according to IEC 61508	20 a
Electrical Safety	
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
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
<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	
σοποιαι Γιουμοι Αρμισται	

UK CA	CE EG-Konf.	<u>Confirmation</u>	CCC CCC		EHC
EMV		For use in hazardous I	ocations	Functional Saftey	Test Certificates
RCM	KC	KEX ATEX	IECE×	Type Examination Cer- tificate	Type Test Certific- ates/Test Report
Marine / Shipping				other	Environment
ABS	B U R E A U VERITAS	Llovdis Register uks	PRS	<u>Confirmation</u>	Siemens EcoTech
Environment					
EPD	Environmental Con- firmations				
	.siemens.com/cs/ww/en/vi				
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=3RW5516-3HF14					

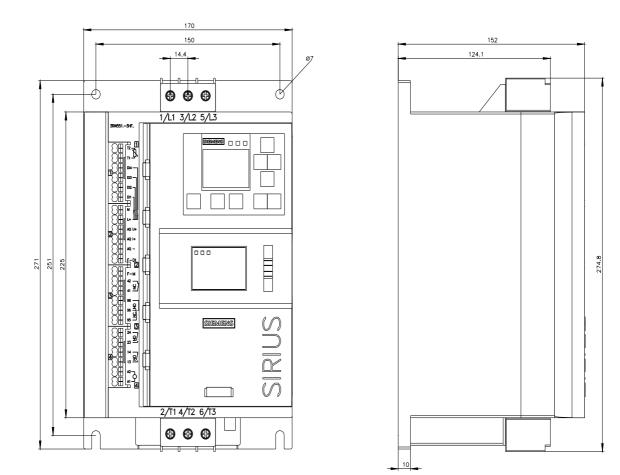
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5516-3HF14

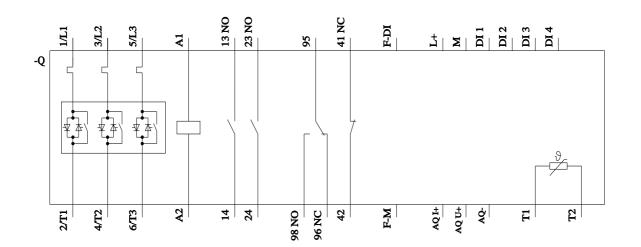
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
- https://support.industry.siemens.com/cs/ww/en/ps/3RW5516-3HF14
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5516-3HF14&lang=en
- Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current
- https://support.industry.siemens.com/cs/ww/en/ps/3RW5516-3HF14/char

Characteristic: Installation altitude

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5516-3HF14&objecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS)

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





Pobrano z: https://falowniki-sklep.pl/softstart-sirius-15kw-200-480vac-3rw5516-3hf14-siemens