## SIEMENS

## Data sheet

## 3RW5515-3HF14



SIRIUS soft starter 200-480 V 25 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>	3RV2032-4EA10; Type of coordination 1, Iq = 65 kA, CLASS 10			
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3RV2032-4EA10; Type of coordination 1, Iq = 15 kA, CLASS 10			
<ul> <li>of circuit breaker usable at 400 V at inside-delta circuit</li> </ul>	3RV2032-4VA10; Type of coordination 1, Iq = 65 kA, CLASS 10			
<ul> <li>of circuit breaker usable at 500 V at inside-delta circuit</li> </ul>	3RV2032-4VA10; Type of coordination 1, Iq = 15 kA, CLASS 10			
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	3NA3822-6; Type of coordination 1, Iq = 65 kA			
<ul> <li>of the gG fuse usable at inside-delta circuit up to 500 V</li> </ul>	3NA3822-6; 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>3NE1817-0; 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>3NE8021-1; 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>3RT2035</u>			
<ul> <li>of the redundant contactor for applications &gt; SIL 1 at inside-delta circuit according to EN 62061</li> </ul>	<u>3RT2035</u>			
<ul> <li>of the redundant contactor for applications &gt; SIL 1 according to EN ISO 13849-1</li> </ul>	<u>3RT2036</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>3RT2036</u>			
General 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	02 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
CSA approval	Yes
	Tes
product component • HMI-High Feature	Yes
	Yes
is supported HMI-High Feature  product feature integrated hypess 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 44/00/0040
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	3.204 kg
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
• pump ramp down	Yes
DC braking	Yes
motor heating	Yes
• min/max pointer	Yes
trace function	Yes
intrinsic device protection	Yes
<ul> <li>motor overload protection</li> </ul>	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

<ul> <li>error logbook</li> </ul>	Yes		
<ul> <li>via software parameterizable</li> </ul>	Yes		
<ul> <li>via software configurable</li> </ul>	Yes		
<ul> <li>screw terminal</li> </ul>	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		
<ul> <li>reversing operation</li> </ul>	Yes		
<ul> <li>soft starting at heavy starting conditions</li> </ul>	Yes		
Power Electronics			
operational current			
• at 40 °C rated value	25 A		
<ul> <li>at 40 °C rated value minimum</li> </ul>	5 A		
• at 50 °C rated value	22.3 A		
• at 60 °C rated value	19.6 A		
operational current at inside-delta circuit			
• at 40 °C rated value	43.3 A		
• at 50 °C rated value	39 A		
• at 60 °C rated value	33.9 A		
operating voltage			
<ul> <li>rated value</li> </ul>	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	5.5 kW		
• at 230 V at inside-delta circuit at 40 °C rated value	11 kW		
• at 400 V at 40 °C rated value	11 kW		
• at 400 V at inside-delta circuit at 40 °C rated value	18.5 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	8 W		
• at 50 °C after startup	7 W		
at 60 °C after startup	6 W		
power loss [W] at AC at current limitation 350 %			
• at 40 °C during startup	364 W		
• at 50 °C during startup	309 W		
at 60 °C during startup	262 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	-
<ul> <li>number of digital outputs</li> </ul>	3
	1
Number of digital outputs with fail-safe	
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	2.3 kg
Connections/ Terminals	
type of electrical connection	
for main current circuit	screw-type terminals
for control circuit	
-	spring-loaded terminals
wire length for thermistor connection	spring-loaded terminals
<ul> <li>wire length for thermistor connection</li> <li>with conductor cross-section = 0.5 mm<sup>2</sup> maximum</li> </ul>	spring-loaded terminals

• will conductor cross section = 1.5 mm <sup>2</sup> maximum     100 m     19 m     10 m     19 m     10 m				
Type of connectable conductor cross-sections <ul> <li>of main contable</li> <li>add</li> <li>addd</li> <li>add</li>                 &lt;</ul>	<ul> <li>with conductor cross-section = 1.5 mm<sup>2</sup> maximum</li> </ul>	150 m		
- for rain contacts     - for rain contacts     - for AVKG cables for main control contreco control control contrel control control contrel control contr	• with conductor cross-section = 2.5 mm <sup>2</sup> maximum	250 m		
	type of connectable conductor cross-sections			
	<ul> <li>for main contacts</li> </ul>			
• for AWC cables for main current circuit solid         2x (1612), 2x (148)           • for Control dircuit solid         2x (0.2515 mm²)           • for Control dircuit solid         2x (0.2515 mm²)           • for AWC cables for control dircuit solid         2x (0.2515 mm²)           • for AWC cables for control dircuit solid         2x (0.2515 mm²)           • for AWC cables for control dircuit solid         2x (0.2416)           • for AWC cables for control dircuit solid         2x (0.2416)           • for AWC cables for control dircuit finely standed with core end processing         2x (0.2416)           • for AWC cables for control dircuit finely standed with core end processing         2x (0.2416)           • for main contacts with screw-type terminals         0.0 m           • for main contacts with screw-type terminals         182 k fm           • for main contacts with screw-type terminals         182 k fm           • for main contacts with screw-type terminals         182 k fm           • for main contacts with screw-type terminals         182 k fm           • for main contacts with screw-type terminals         182 k fm           • during operation         25400 °C, Please observe derailing at temperatures of 40 °C or above           • during operation according to EC 60721         22.001 m, Deraing as of 1000 m, see catalog           • dur	— solid	2x (1.0 2.5 mm²), 2x (2.5 10 mm²)		
type of connectable conductor cross-sections         2x (0.25 1.5 mm²)           i for control dirouit shill         2x (0.25 1.5 mm²)           i for AVG cables for control circuit lead         2x (0.45 1.5 mm²)           i for AVG cables for control circuit lead         2x (0.45 1.5 mm²)           i for AVG cables for control circuit lead         2x (0.4 16)           i for AVG cables for control circuit lead         2x (0.4 16)           i for an control circuit lead states         800 m           i for an contrads with sorew-type terminals         2 2.5 Nm           i for audiary and control contrads with sorew-type         0.8 1.2 N·m           i for audiary and control contrads with sorew-type         7 10.3 lbf ln           i for audiage and tangot         40 °C; Please coserve derating at temperatures of 40 °C or above           i during storage and tangot         40 °C; Please coserve derating at temperatures of 40 °C or above           i during storage according to IEC 60721         246 fino ites formation, only occasional condensation, 3.03 (no sat mist), 352 (sand must not get linkite file feveres), 346           i during storage according to IEC 60721         246 fino ites formation, only occasional condensation, 3.03 (no sat mist), 352 (sand must not get linkite file feveres), 346           i during storage according to IEC 60721         246 fino ites formation, only occasional condensation, 3.03 (no sat mist), 152 (sand must not get li	<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 clouds solid       2x (0.25 - 1.5 mm²)         b for AWG cables for control crout solid       2x (0.25 - 1.5 mm²)         c (24 - 16)       2x (24 - 16)         c (24 - 16)       2x (24 - 16)         c (25 - 1.5 mm²)       2x (24 - 16)         c (26 - 1.5 mm²)       2x (26 - 21) <td c<="" td=""><td><ul> <li>for AWG cables for main current circuit solid</li> </ul></td><td>2x (16 12), 2x (14 8)</td></td>	<td><ul> <li>for AWG cables for main current circuit solid</li> </ul></td> <td>2x (16 12), 2x (14 8)</td>	<ul> <li>for AWG cables for main current circuit solid</li> </ul>	2x (16 12), 2x (14 8)	
	type of connectable conductor cross-sections			
tor AWG cables for control circuit finely stranded with     serve AWG cables for control circuit finely stranded with     serve AWG processing     vire length         between soft stater and motor maximum         between soft stater and motor and maximum         between soft stater and motor	<ul> <li>for control circuit solid</li> </ul>	2x (0.25 1.5 mm²)		
tor AWC cables for control circuit finely stranded with         or control circuit and         or main circuits subtroar and motor maximum         tor main circuits subtroared with screw-type         terminals         for main circuits subtroared circuit score-type         terminals         for main circuits subtroared circuit score type         terminals         for analycing and circuit circuits with screw-type         terminals         for main circuits subtroared circuit score type         terminals         for analycing and circuit circuits         for main circuits subtroared circuit score type         terminals         for main circuits subtroared circuit score type         terminals         for main circuits subtroared circuit score type         terminals         for main circuits         tert score tircuits         for main circuits         f	<ul> <li>for control circuit finely stranded with core end processing</li> </ul>			
		2x (24 16)		
core and processing         Main Processing           wire length         800 m           • at the digital inputs at DC maximum         800 m           • for main contacts with screw-type terminals         2 2.5 Nm           • for main contacts with screw-type terminals         2 2.5 Nm           • for main contacts with screw-type terminals         7 10.3 Br/in           • for auxility and control contacts with screw-type terminals         18 22 Upfin           • for main contacts with screw-type terminals         7 10.3 Br/in           • for auxility and control contacts with screw-type terminals         7 10.3 Br/in           • for auxility and control contacts with screw-type terminals         7 10.3 Br/in           • for auxility and control contacts with screw-type terminals         9 22 Upfin           • for main contacts with screw-type terminals         18 22 Upfin           • for main contacts with screw-type terminals         18 22 Upfin           • during storage and transport         -25 +60 °C; Please observe derating at temperatures of 40 °C or above           • during storage according to IEC 60721         3KG for loc formation, only occasional condensation), 3C3 (no sait mist), 3S2 (trans term screw scre				
• between soft starter and motor maximum     • between soft starter and motor maximum     • tor main contacts at DC maximum     1000 m				
	wire length			
tightening torque <ul> <li>i for main contacts with screw-type terminals</li> <li>i for main contacts with screw-type</li> <li>i for main contacts with screw-type</li> <li>i for main contacts with screw-type terminals</li> <li>i for the screw transport according to IC C for 21</li> <li>with stream torg with screw-type terminals</li> <li>i for the screw transport according to IC</li> <li>i for the for for the suported</li> <li>PROFINET standard</li> <li>PROFINE</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 1.2 N m           • for auxiliary and control contacts with screw-type terminals         1 2.2 lbf:in           • for auxiliary and control contacts with screw-type terminals         1 2.2 lbf:in           • for auxiliary and control contacts with screw-type terminals         1 2.2 lbf:in           Installation altrude at height above sea level maximum         2 000 m; Derating as of 1000 m; see catalog           ambient temperature         40 °C           • during storage and transport         -40 +60 °C           • uuring storage according to IEC 60721         3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (giand must not get inside the devices), 3M6           • during storage according to IEC 60721         3K6 (no ice formation, only occasional condensation), 1C2 (no salt mist), 3S2 (giand must not get inside the devices), 3M6           • during transport according to IEC 60721         2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m)           Eviconmental footprint         Semens EcoTech           acc. to IEC 60947-4-2; Class A, Class B on request         Communication module is supported           • PROFINET standard         Yes           • Idd0440 V according to UL         Siemens type: 3FV2742, max, 70 A or 3VA51, max, 80 A; lq = 5 kA           • Idd04040 V at inside-det	<ul> <li>at the digital inputs at DC maximum</li> </ul>	1 000 m		
• for main contacts with screw-type terminals         2 2.5 Nm           • for auxiliary and control contacts with screw-type terminals         0.8 1.2 N m           • for auxiliary and control contacts with screw-type terminals         1 2.2 lbf:in           • for auxiliary and control contacts with screw-type terminals         1 2.2 lbf:in           • for auxiliary and control contacts with screw-type terminals         1 2.2 lbf:in           Installation altrude at height above sea level maximum         2 000 m; Derating as of 1000 m; see catalog           ambient temperature         40 °C           • during storage and transport         -40 +60 °C           • uuring storage according to IEC 60721         3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (giand must not get inside the devices), 3M6           • during storage according to IEC 60721         3K6 (no ice formation, only occasional condensation), 1C2 (no salt mist), 3S2 (giand must not get inside the devices), 3M6           • during transport according to IEC 60721         2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m)           Eviconmental footprint         Semens EcoTech           acc. to IEC 60947-4-2; Class A, Class B on request         Communication module is supported           • PROFINET standard         Yes           • Idd0440 V according to UL         Siemens type: 3FV2742, max, 70 A or 3VA51, max, 80 A; lq = 5 kA           • Idd04040 V at inside-det	· · · · · · · · · · · · · · · · · · ·			
		2 2.5 N·m		
terminals         Control           Hightening torque [librin]         18 22. Upfin           • for axialiary and control contracts with screw-type terminals         7 10.3 Br /in           Ambient conditions         7 10.3 Br /in           Installation altitude at height above sea level maximum         2.000 m; Derating as of 1000 m, see catalog           ambient conditions		0.8 1.2 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         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 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), 3S2 (sand must not get into the devices), 3M6         • during transport according to IEC 60721       3K6 (no) ice formation, only occasional condensation), 1C2 (no salt mist), 1S2 (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       Ves         • ROFINET standard       Yes         • ROFINET standard       Yes         • BrochekulP       Yes         • Ad00480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA <td></td> <td></td>				
• for auxiliary and control contacts with screw-type     emmals      installation altitude at height above sea level maximum     ambient temperature     • during operation     • during operation secording to IEC 60721     • during storage and transport     • during transport decording to IEC 60721     • during transport according to IEC 60721     • during transport decording to IEC 60721     • Excited interference     • during transport decording to IEC 60721     • Excited interference     • Communication/ Protocol  Communication/ Protocol  Communication/ Protocol  Communication module is supported     • ROC/INET tigh-feature     • Ves     • Excited interference     • eldition best for Standard Faults     • el divide V according to UL     • eldived	tightening torque [lbf·in]			
• for auxiliary and outrol contacts with screw-type Immals     7 10.3 lbf in       Anbient conditions     2.000 m; Derating as of 1000 m, see catalog       ambient temporature     - 40 m; Derating as of 1000 m, see catalog       ambient temporature     - 40 m; Derating as of 1000 m, see catalog       auting operation     - 25 + 60 °C; Please observe derating at temperatures of 40 °C or above       - during operation according to IEC 60721     - 40 °C       - during storage according to IEC 60721     3K6 (no les formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get limits devices), 3M6       - during transport according to IEC 60721     2K2, 221, 234, 2M2 (max. fall height 0.3 m)       Environmental footprint     Siemens Eco Profile (SEP)       Siemens Eco Profile (SEP)     Siemens Eco Tech       acc. to IEC 60847.4.2: Class A, Class B on request       Communication module is supported     Yes       • PROFINET standard     Yes       • ROFINET standard     Yes       • Addived V according to UL     Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA       • of directuit breaker usable for Standard Faults     Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA       • of directuit breaker usable for Standard Faults     Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA       • at 60/480 V according to UL     Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA       • of the	<ul> <li>for main contacts with screw-type terminals</li> </ul>	18 22 lbf·in		
Ambient conditions         ambient condition attitude at height above seal evel 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       -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 storage according to IEC 60721       3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 352 (sand must not get inside the devices), 1M4         - during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max, fall height 0.3 m)         Eviconmental cooprint       -         Eviconmental cooprint       -         Eviconmental cooprint       -         Environmental cooprint       -         co	<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 lee formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get inside the devices), 3M6           - during transport according to IEC 60721         2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)           Environmental footprint         Stemens EcoTech           Stemens EcoTech         acc. to IEC 60972-4.2: Class A, Class B on request           Communication module is supported         Yes           • PROFINET standard         Yes           • PROFIBUS         Yes           • PROFIBUS         Yes           - at 400480 V according to UL         Stemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA           Stemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA           Stemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA           Stemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA           Stemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA <td< td=""><td></td><td></td></td<>				
ambient temperature       -25 +60 °C; Please observe derating at temperatures of 40 °C or above         • during deperation       -25 +60 °C; Please observe derating at temperatures of 40 °C or above         • during deperation according to IEC 60721       3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get induces), 3M6         • during storage according to IEC 60721       3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get induces), 3M6         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)         Environmental lootprint       Siemens EcoTech         siemens EcoTech       acc. to IEC 60947.4-2: Class A, Class B on request         Communication/ Protocol       Communication/ Protocol         Communication/ Protocol       Yes         VIL/CSA ratings       Yes         manufacturer's article number       Yes         • of circuit breaker usable for Standard Faults       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA <td>Ambient conditions</td> <td></td>	Ambient conditions			
<ul> <li>during operation</li> <li>during storage and transport</li> <li>during storage and transport</li> <li>during operation according to IEC 60721</li> <li>during operation according to IEC 60721</li> <li>during transport according to IEC 60721</li> <li>EMC emitted interference</li> <li>acc. to IEC 60947.4.2: Class A, Class B on request</li> </ul> Environmental footprint Environmental footprint Evolution module is supported <ul> <li>PROFINET standard</li> <li>PROFINET standard</li> <li>Ves</li> <li>Modbus RTU</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA<td>installation altitude at height above sea level maximum</td><td>2 000 m; Derating as of 1000 m, see catalog</td></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 ice formation, only occasional condensation), 3C3 (no salt mist), 352 (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         Siemens Eco Porfile (SEP)       Siemens EcoTech         e Communication module is supported       Yes         • PROFINET standard       Yes         • PROFINET standard       Yes         • Of circuit breaker usable for Standard Faults       Yes         • of offici circuit breaker usable for Standard Faults       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • of offici cricuit breaker usable for Standard Faults       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • of offici cricuit breaker usable for Standard Faults       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • of offici cricuit breaker usable for Standard Faults       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • of offici uside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA	ambient temperature			
environmental category <ul> <li>during operation according to IEC 60721</li> <li>during storage according to IEC 60721</li> <li>during itransport 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>ENC emitted interference</li> <li>acc. to IEC 60947-4-2: Class A, Class B on request</li> </ul> <ul> <li>PROFINET signification</li> <li>Yes</li> <li>Siemens EcoTech</li> <li>acc. to IEC 60947-4-2: Class A, Class B on request</li> </ul> <ul> <li>PROFINET significature</li> <li>Yes</li> <li>Ves</li> <li>Ves</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 460/480 V according to UL</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>at 475/600 V according to UL</li> <li>at 575/600 V accordin</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>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, ZC1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>ZK2, ZC1, ZK3, ZK3, ZK3, ZK3, ZK3, ZK3, ZK3, ZK3</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 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 Eco Profile (SEP)         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         • at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • at 460/480 V a ccording to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • at 675/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • at 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • at 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • at 575/600 V according to UL       Siemens type: 3RV2742, ma	environmental category			
(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 Eco Profile (SEP)         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         • at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • at 460/480 V a ccording to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • at 675/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • at 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • at 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • at 575/600 V according to UL       Siemens type: 3RV2742, ma	<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 Module is supported       • PROFINET standard         • PROFINET standard       Yes         • PROFINET high-feature       Yes         • Modbus RTU       Yes         • Modbus RTU       Yes         • Modbus RTU       Yes         • PROFIBUS       Yes         ULCSA traitings       Yes         0 odd/400 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         - at 460/480 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         - at 460/480 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         · at 660/480 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         · at 675/600 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         · at 675/600 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         · at 575/600 V a	<ul> <li>during storage according to IEC 60721</li> </ul>	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get		
Environmental footprint         Slemens Eco Profile (SEP)         EMC emitted interference         communication / Protocol         communication module is supported         • PROFINET standard         Yes         • Modbus RTU         • Modbus TCP         • PROFIBUS         UL/CSA ratings         manufacturer's article number         • of circuit breaker usable for Standard Faults         - at 460/480 V according to UL         - 80/480 V according to UL         - at 460/480 V at inside-delta circuit 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         - at 675/600 V at inside-delta circuit 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 <t< td=""><td></td><td></td></t<>				
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       end (Communication module is supported)            • PROFINET standard       Yes            • PROFINET high-feature       Yes            • Modbus RTU       Yes            • Modbus RTU       Yes            • Modbus RTU       Yes            • Modbus RTU       Yes            • Modbus TCP       Yes            • PROFIBUS       Yes            UL/CSA ratings        Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA            - at 460/480 V according to UL        Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA            - at 460/480 V according to UL        Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA            - at 675/600 V according to UL        Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA            - siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 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. 80 A; lq = 5 kA            - usable for Standard Faults up to 575/600 V acco		inside the devices), 1M4		
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 RTCP       Yes            PROFIBUS       Yes            UL/CSA ratings            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. 80 A; lq = 5 kA             - at 460/480 V at inside-delta circuit according to UL        Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA             - at 4575/600 V according to UL           Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA             - at 575/600 V according to UL           Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA             - at 575/600 V according to UL           Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA             - at 575/600 V at inside-delta circuit according to UL           Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA             -		inside the devices), 1M4		
Communication / Protocol         communication module is supported         • PROFINET standard       Yes         • PROFINET high-feature       Yes         • EtherNet/IP       Yes         • Modbus RTU       Yes         • Modbus TOP       Yes         • PROFIBUS       Yes <b>UL/CSA ratings</b> Yes <b>UL/CSA ratings</b> Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • of circuit breaker usable for Standard Faults       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         • at 460/480 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         · at 575/600 V at inside-delta circuit according to UL       Siemens type: 3VA51, max. 60 A; lq max = 65 kA         · at 575/600 V at inside-delta circuit according to UL       Siemens type: 3VA51, max. 60 A; lq max = 65 kA         · at 575/600 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         · at 575/600 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA         · at bol we have       - usable for Standard Faults up to 575/600 V         · usable for Standard Faults up to 575/600 V		inside the devices), 1M4		
communication module is supported <ul> <li>PROFINET standard</li> <li>PROFINET high-feature</li> <li>EtherNet/IP</li> <li>Modbus RTU</li> <li>Yes</li> </ul> <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>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3VA51, max. 60 A; lq max = 65 kA</li> <li>Siemens type: 3VA51, max. 80 A; lq = 5 kA</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. 60 A; lq max = 65 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li>	Environmental footprint	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)		
<ul> <li>PROFINET standard Yes</li> <li>PROFINET high-feature Yes</li> <li>PROFINET high-feature Yes</li> <li>EtherNet/IP Yes</li> <li>Modbus RTU Yes</li> <li>Modbus RTU Yes</li> <li>Modbus TCP Yes</li> <li>PROFIBUS Yes</li> <li>PROFIBUS Yes</li> <li>UL/CSA ratings</li> <li>at 460/480 V according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>at 460/480 V ac cording to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>at 460/480 V at inside-delta circuit according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>at 460/480 V at inside-delta circuit according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>at 460/480 V at inside-delta circuit according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>at 575/600 V according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>at 575/600 V at inside-delta circuit according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>at 575/600 V at inside-delta circuit according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>of the fuse</li> <li>usable for Standard Faults up to 575/600 V according to UL according to UL Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>of the fuse</li> <li>usable for High Faults up to 575/600 V according to UL according to UL - usable for Standard Faults up to 575/600 V according to UL - usable for Standard Faults at inside-delta circuit up</li> <li>Type: Class J / L, max. 100 A; lq = 5 kA</li> </ul>	Environmental footprint Siemens Eco Profile (SEP)	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech		
<ul> <li>PROFINET high-feature</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 TCP</li> <li>Yes</li> <li>PROFIBUS</li> <li>Yes</li> <li>UL/CSA ratings</li> <li>UL/CSA ratings</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>60/480 V according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 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. 80 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. 80 A; lq = 5 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. 80 A; lq = 5 kA</li> <li>at 57/600 V at inside-delta circuit according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 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. 80 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. 80 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. 80 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>according to UL</li> <li>acsole for High Faults up to 575/600 V according to UL</li> <li>acsole for High Faults up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up</li> <li>Type: Class J / L, max. 100 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. 100 A; lq = 5 kA</li> </ul>	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech		
<ul> <li>EtherNet/IP</li> <li>Yes</li> <li>Modbus RTU</li> <li>Yes</li> <li>Modbus TCP</li> <li>PROFIBUS</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>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Gol/480 V according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 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. 80 A; lq = 5 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. 80 A; lq = 5 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. 80 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. 80 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. 80 A; lq = 5 kA</li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>of the fuse                 <ul> <li>usable for High Faults up to 575/600 V according to UL</li> <li>Siemens type: 3RV2742, max. 100 A; lq = 5 kA</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>pusable for Standard Faults at inside-delta circuit according to UL</li> <li>pusable for Standard Faults at inside-delta circuit according to UL</li> <li>pusable for Standard Faults at inside-delta circuit according to UL</li></ul></li></ul></li></ul>	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech		
<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 Imanufacturer'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. 80 A; lq = 5 kA</li> <li>60/480 V according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 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. 80 A; lq = 5 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. 80 A; lq = 5 kA</li> <li>at 575/600 V according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 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. 80 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. 80 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: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>of the fuse</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>ausable 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>Type: Class RK5 / K5, max. 100 A; lq = 5 kA</li> </ul>	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request		
<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>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. 80 A; lq = 5 kA</li> <li>60/480 V according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 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> <li>60/480 V at inside-delta circuit according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 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. 80 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. 80 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. 80 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. 80 A; lq = 5 kA</li> <li>60 f the fuse</li> <li>usable for Standard Faults up to 575/600 V</li> <li>Guerns type: Class RK5 / K5, max. 100 A; lq = 5 kA</li> <li>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>Type: Class RK5 / K5, max. 100 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. 100 A; lq = 5 kA</li> </ul>	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes		
<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>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. 80 A; lq = 5 kA</li> <li>60/480 V according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 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> <li>60/480 V at inside-delta circuit according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 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. 80 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. 80 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. 80 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. 80 A; lq = 5 kA</li> <li>60 f the fuse</li> <li>usable for Standard Faults up to 575/600 V</li> <li>Guerns type: Class RK5 / K5, max. 100 A; lq = 5 kA</li> <li>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>Type: Class RK5 / K5, max. 100 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. 100 A; lq = 5 kA</li> </ul>	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET high-feature	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes		
• PROFIBUSYesUL/CSA ratingsmanufacturer's article number• of circuit breaker usable for Standard Faults- at 460/480 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA- 60/480 V according to ULSiemens type: 3RV2742, max. 70 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. 80 A; lq = 5 kA- 60/480 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA- 60/480 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA- 60/480 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA- at 575/600 V ac inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA- at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA- at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA- of the fuse usable for Standard Faults up to 575/600 VSiemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA- usable for High Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA- usable for High Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 100 A; lq = 5 kA- usable for Standard Faults at inside-delta circuit upType: Class RK5 / K5, max. 100 A; lq = 5 kA	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET high-feature • EtherNet/IP	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes		
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 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 Standard 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	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes 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         - at 460/480 V according to UL         - at 460/480 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 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 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 cir	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus TCP	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes		
<ul> <li>of circuit breaker usable for Standard Faults         <ul> <li>at 460/480 V according to UL</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 40 A or 3VA51, max. 60 A; lq max = 65 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>biemens type: Class RK5 / K5, max</li></ul></li></ul>	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes		
<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>60/480 V at inside-delta circuit</li> <li>7/40 V at inside-delta circuit</li></ul>	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus RTU • Modbus TCP • PROFIBUS UL/CSA ratings	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes		
<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>- 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>- 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> </ul>	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus RTU • Modbus TCP • PROFIBUS UL/CSA ratings manufacturer's article number	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes		
<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>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>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 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. 100 A; Iq = 5 kA</li> <li>Type: Class RK5 / K5, max. 100 A; Iq = 5 kA</li> </ul>	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS UL/CSA ratings manufacturer's article number • of circuit breaker usable for Standard Faults	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes Yes Yes		
<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>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</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: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 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 at inside-delta circuit up</li> <li>Type: Class RK5 / K5, max. 100 A; lq = 5 kA</li> <li>Type: Class RK5 / K5, max. 100 A; lq = 5 kA</li> </ul>	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS UL/CSA ratings manufacturer's article number • of circuit breaker usable for Standard Faults — at 460/480 V according to UL	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA		
<ul> <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>be of the fuse</li> <li>according to UL</li> <li>be of the fuse</li> <li></li></ul>	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus RTU • Modbus TCP • PROFIBUS 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	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA 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 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 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>	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus RTU • Modbus TCP • 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 at inside-delta circuit according to UL	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max.70 A or 3VA51, max. 80 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>Type: Class RK5 / K5, max. 100 A; Iq = 5 kA</li> <li>Type: Class J / L, max. 100 A; Iq = 100 kA</li> <li>Type: Class RK5 / K5, max. 100 A; Iq = 5 kA</li> </ul>	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS 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 — 60/480 V at inside-delta circuit according to UL	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 60 A; Iq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; Iq = 5 kA		
of the fuse	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS 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 — 60/480 V at inside-delta circuit according to UL — at 575/600 V according to UL	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA		
— usable for Standard Faults up to 575/600 V       Type: Class RK5 / K5, max. 100 A; lq = 5 kA         — usable for High Faults up to 575/600 V according to UL       Type: Class J / L, max. 100 A; lq = 100 kA         — usable for Standard Faults at inside-delta circuit up       Type: Class RK5 / K5, max. 100 A; lq = 5 kA	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication Protocol communication module is supported • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS 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 575/600 V according to UL — at 575/600 V at inside-delta circuit according to UL	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA		
according to UL       — usable for High Faults up to 575/600 V according to UL       Type: Class J / L, max. 100 A; Iq = 100 kA         — usable for Standard Faults at inside-delta circuit up       Type: Class RK5 / K5, max. 100 A; Iq = 5 kA	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication Protocol communication module is supported • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS 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 575/600 V according to UL — at 575/600 V at inside-delta circuit according to UL	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA		
UL — usable for Standard Faults at inside-delta circuit up Type: Class RK5 / K5, max. 100 A; Iq = 5 kA	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus TCP • PROFIBUS 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 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	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA		
	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus RTU • Modbus TCP • 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 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 — 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	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes Yes Yes Yes Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 80 A; lq = 5 kA		
	Environmental footprint Siemens Eco Profile (SEP) EMC emitted interference Communication/ Protocol communication module is supported • PROFINET standard • PROFINET standard • PROFINET high-feature • EtherNet/IP • Modbus RTU • Modbus TCP • 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 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 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	inside the devices), 1M4 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) Siemens EcoTech acc. to IEC 60947-4-2: Class A, Class B on request Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes		

<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. 100 A; Iq = 100 kA
operating power [hp] for 3-phase motors	
• at 200/208 V at 50 °C rated value	5 hp
• at 220/230 V at 50 °C rated value	7.5 hp
• at 460/480 V at 50 °C rated value	15 hp
<ul> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> </ul>	10 hp
<ul> <li>at 220/200 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> </ul>	10 hp
<ul> <li>at 220/250 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> </ul>	
	25 hp R300-B300
contact rating of auxiliary contacts according to UL Safety related data	K300-B300
product function suitable for safety function	Yes
suitability for use	Ne
safety-related switching on	No
safety-related switching OFF	Yes
safe state	Open load circuit
function test interval maximum	1a
diagnostics test interval by internal test function maximum	1 000 s
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	0.008
relating to ATEX hardware fault tolerance according to IEC 61508 relating to	0
ATEX T1 value for proof test interval or service life according to	3 а
IEC 61508 relating to ATEX	
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	

UK CA	CCC	CE EG-Konf.	<u>Confirmation</u>		EHC
EMV		For use in hazardous	locations	Functional Saftey	Test Certificates
RCM	KC	K ATEX	IECEx	Type Examination Cer- tificate	Type Test Certific- ates/Test Report
Marine / Shipping				other	Environment
ABS	BUREAU VERITAS	Llovd's Register us	PRS	<u>Confirmation</u>	EPD
Environment					
Siemens EcoTech	Environmental Con- firmations				
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=3RW5515-3HF14

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5515-3HF14

- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
- https://support.industry.siemens.com/cs/ww/en/ps/3RW5515-3HF14

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5515-3HF14&lang=en

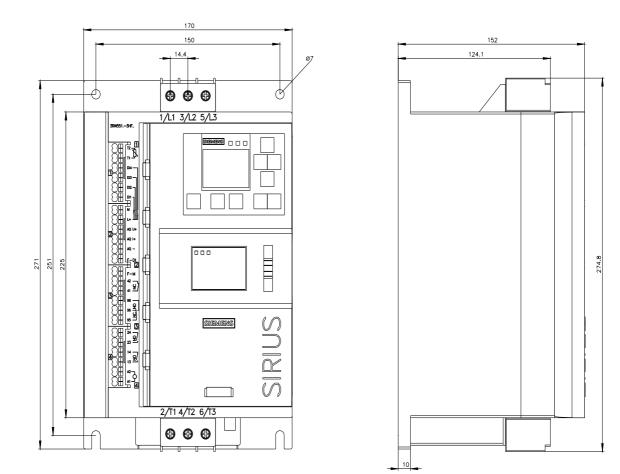
Characteristic: Tripping characteristics, I2t, Let-through current

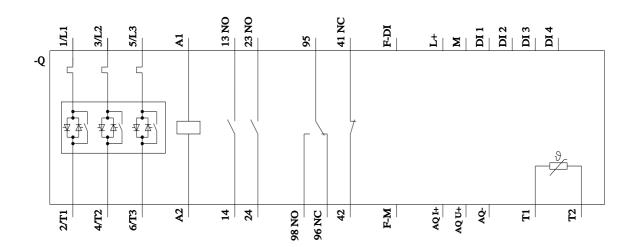
https://support.industry.siemens.com/cs/ww/en/ps/3RW5515-3HF14/char

Characteristic: Installation altitude

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5515-3HF14&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-11kw-200-480vac-3rw5515-3hf14-siemens