## **SIEMENS**

## Data sheet

## 3RW5217-3AC15



SIRIUS soft starter 200-600 V 38 A, 110-250 V AC spring-type terminals Analog output

product brand name	SIRIUS			
product category	Hybrid switching devices			
product designation	Soft starter			
product type designation	3RW52			
manufacturer's article number				
<ul> <li>of standard HMI module usable</li> </ul>	<u>3RW5980-0HS00</u>			
<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 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>	3RV2032-4WA10; Type of coordination 1, Iq = 65 kA, CLASS 10			
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3RV2032-4WA10; Type of coordination 1, Iq = 10 kA, CLASS 10			
<ul> <li>of circuit breaker usable at 400 V at inside-delta circuit</li> </ul>	3RV2032-4RA10; Type of coordination 1, Iq = 65 kA, CLASS 10			
<ul> <li>of circuit breaker usable at 500 V at inside-delta circuit</li> </ul>	3RV2032-4RA10; 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>3NE1820-0; 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>3NE8024-1; Type of coordination 2, Iq = 65 kA</u>			
General technical data				
starting voltage [%]	30 100 %			
stopping voltage [%]	50 %; non-adjustable			
start-up ramp time of soft starter	0 20 s			
current limiting value [%] adjustable	130 700 %			
certificate of suitability				

certificate of suitability	
CE marking	Yes
UL approval	Yes
CSA approval	Yes
product component	
HMI-High Feature	No
<ul> <li>is supported HMI-Standard</li> </ul>	Yes
<ul> <li>is supported HMI-High Feature</li> </ul>	Yes
product feature integrated bypass contact system	Yes
number of controlled phases	3
trip class	CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2
buffering time in the event of power failure	
for main current circuit	100 ms
for control circuit	100 ms

insulation voltage rated value	600 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			
surge voltage resistance rated value	6 kV			
maximum permissible voltage for protective separation				
<ul> <li>between main and auxiliary circuit</li> </ul>	600 V			
shock resistance	15 g / 11 ms, from 12 g / 11 ms with potential contact lifting			
vibration resistance	15 mm to 6 Hz; 2g to 500 Hz			
utilization category according to IEC 60947-4-2	AC 53a			
reference code according to IEC 81346-2	Q			
Substance Prohibitance (Date)	02/15/2018			
product function				
<ul> <li>ramp-up (soft starting)</li> </ul>	Yes			
<ul> <li>ramp-down (soft stop)</li> </ul>	Yes			
Soft Torque	Yes			
<ul> <li>adjustable current limitation</li> </ul>	Yes			
• pump ramp down	Yes			
intrinsic device protection	Yes			
<ul> <li>motor overload protection</li> </ul>	Yes; Electronic motor overload protection			
<ul> <li>evaluation of thermistor motor protection</li> </ul>	No			
inside-delta circuit	Yes			
auto-RESET	Yes			
manual RESET	Yes			
remote reset	Yes; By turning off the control supply voltage			
<ul> <li>communication function</li> </ul>	Yes			
<ul> <li>operating measured value display</li> </ul>	Yes; Only in conjunction with special accessories			
error logbook	Yes; Only in conjunction with special accessories			
<ul> <li>via software parameterizable</li> </ul>	No			
<ul> <li>via software configurable</li> </ul>	Yes			
PROFlenergy	Yes; in connection with the PROFINET Standard communication module			
firmware update	Yes			
<ul> <li>removable terminal for control circuit</li> </ul>	Yes			
torque control	No			
analog output	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature HMI)			
Power Electronics				
operational current				
• at 40 °C rated value	38 A			
• at 50 °C rated value	33.5 A			
at 60 °C rated value	30.5 A			
operational current at inside-delta circuit				
• at 40 °C rated value	65.8 A			
• at 50 °C rated value	58 A			
at 60 °C rated value	52.8 A			
operating voltage	200 000 1/			
rated value	200 600 V			
at inside-delta circuit rated value	200 600 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	11 kW			
<ul> <li>at 230 V at inside-delta circuit at 40 °C rated value</li> </ul>	18.5 kW			
• at 400 V at 40 °C rated value	18.5 kW			
<ul> <li>at 400 V at inside-delta circuit at 40 °C rated value</li> </ul>	30 kW			
● at 500 V at 40 °C rated value	22 kW			
<ul> <li>at 500 V at inside-delta circuit at 40 °C rated value</li> </ul>	37 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 %
adjustable motor current	
<ul> <li>at rotary coding switch on switch position 1</li> </ul>	15.5 A
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	17 A
<ul> <li>at rotary coding switch on switch position 3</li> </ul>	18.5 A
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	20 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	21.5 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	23 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	24.5 A
<ul> <li>at rotary coding switch on switch position 8</li> </ul>	26 A
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	27.5 A
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	29 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	30.5 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	32 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	33.5 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	35 A
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	36.5 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	38 A
• minimum	15.5 A
adjustable motor current	
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> </ul>	26.8 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>	29.4 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>	32 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>	34.6 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> </ul>	37.2 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> </ul>	39.8 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> </ul>	42.4 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 8</li> <li>for inside delta circuit at rotary coding switch on switch</li> </ul>	45 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 9</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	47.6 A 50.2 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	52.8 A
<ul> <li>position 11</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	55.4 A
<ul><li>position 12</li><li>for inside-delta circuit at rotary coding switch on switch</li></ul>	58 A
<ul> <li>position 13</li> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> </ul>	60.6 A
<ul> <li>position 14</li> <li>for inside-delta circuit at rotary coding switch on switch position 15</li> </ul>	63.2 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> </ul>	65.8 A
• at inside-delta circuit minimum	26.8 A
ninimum load [%]	15 %; Relative to smallest settable le
oower loss [W] for rated value of the current at AC	
● at 40 °C after startup	23 W
● at 50 °C after startup	22 W
• at 60 °C after startup	21 W
power loss [W] at AC at current limitation 350 %	
• at 40 °C during startup	628 W
• at 50 °C during startup	526 W
• at 60 °C during startup	464 W

type of voltage of the control supply voltage at Control supply voltage a	Control circuit/ Control			
control supply voltage at AC         10250 V           • ± 50 H2         110250 V           relative seguine tolerance of the control supply voltage at AC         -15 %           relative seguine tolerance of the control supply voltage at AC         10 %           relative seguine tolerance of the control supply voltage at AC         10 %           relative seguine tolerance of the control supply voltage at AC         10 %           relative seguine tolerance of the control supply voltage frequency         00 H2           relative seguine tolerance of the control supply voltage frequency         00 H2           relative seguine tolerance of the control supply voltage frequency         00 H2           relative seguine tolerance of the control supply voltage frequency         00 H2           relative seguine tolerance of the control supply voltage frequency         10 %           relative seguine tolerance of the control supply voltage frequency         10 %           relative seguine tolerance of the control supply voltage frequency         10 %           relative seguine tolerance of the control supply voltage frequency         10 %           relative seguine tolerance of the control supply voltage frequency         10 %           relative seguine tolerance of the control supply voltage frequency         12 A           relative seguine tolerance of the control supply voltage frequency         12 A		AC		
• at 60 H2110260 V• at 60 H2110260 Vrelative pagitive tolerance of the control supply voltage at Cat 60 H2155 %relative pagitive tolerance of the control supply voltage at Cat 60 H2155 %relative pagitive tolerance of the control supply voltage at Control supply voltage frequency10 %relative pagitive tolerance of the control supply voltage frequency10 %relative pagitive tolerance of the control supply voltage frequency00 %relative pagitive tolerance of the control supply voltage frequency00 %relative pagitive tolerance of the control supply voltage frequency00 %relative pagitive tolerance of the control supply voltage frequency22 Aduration of intent numet page at application of control durative supplication of the relative pagitive durative at application of control supplication design of the control supplication supplication of the relative pagitive durative at application of control durative supplication of the relative pagitive durative at application of control durative supplication of the relative pagitive durative at application of control durative supplication of the relative pagitive durative at application of control durative supplication of the relative pagitive durative at				
• etil 01±2         10250 V           Tack at 01±2         -15 %           Tack at 01±2         -15 %           Tack at 01±2         0 %		110 250 V		
relative negative tolerance of the control supply voltage at AC at 50 Hz.         15 %           relative negative tolerance of the control supply voltage at AC at 50 Hz.         15 %           relative negative tolerance of the control supply voltage at AC at 60 Hz.         15 %           relative negative tolerance of the control supply voltage frequency.         10 %           control supply voltage frequency.         50 80 Hz.           relative negative tolerance of the control supply voltage frequency.         10 %           control supply current in standby mode rated value         30 mA           holding current in bypass operation rated value         30 mA           holding current in bypass operation rated value         75 mA           inrush current peak at application of control supply voltage frequency.         22 ms           design of the overvoltage protection         Variator           design of abort-circuit protection for control circuit breaker (current kA). 6 A quick-acting fuse (quert kA), 6 A quick-acting fuse (quert kA), C miniature arcuit breaker (quert SA), C miniature arcuit breaker				
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 negative 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 %           control supply current in standby mode rated value         30 mA           holding current in bypes operation rated value         30 mA           holding current in bypes operation rated value         75 mA           inture incerts (voltage protection)         Varistor           design of the overvoltage protection         Varistor           design of the overvoltage protection         Varistor           control supply current pask at application of control supply voltage         1           mumber of digital outputs         3           a nother of digital outputs         3           a nomber of digital outputs         3	relative negative tolerance of the control supply voltage at			
relative negative tolerance of the control supply voltage at CA at 80 Hz.         -15 %           relative negative tolerance of the control supply voltage at Control supply voltage frequency.         50 60 Hz           relative negative tolerance of the control supply voltage frequency.         -10 %           relative negative tolerance of the control supply voltage frequency.         -0. 6 Hz           relative negative tolerance of the control supply voltage frequency.         -0. 6 Hz           relative negative tolerance of the control supply voltage frequency.         -0. 6 Hz           relative negative tolerance of the control supply voltage frequency.         -0. 6 Hz           relative negative tolerance of the control supply voltage maximum.         -0. 6 Hz           dualitor of innah current pass operation rated value         -0. 75 mA           holding current in stands at application of control supply voltage maximum.         -12 A           dualitor of innah current pask at application of control supply voltage.         -22 ms           number of digital inputs         1           number of digital inputs         1           number of digital inputs         1           number of digital outputs         3 A           at 0. 10 parameterizable         2 montilyopen contacts (NO) / 1 changeover contact (CO)           maximum digital outputs         3 A           at 0. A 12 SU Vriad Value<	relative positive tolerance of the control supply voltage at	10 %		
relative positive tolerance of the control supply voltage         10 %           control supply voltage frequency         5060 Hz           relative negative tolerance of the control supply voltage         -10 %           relative positive tolerance of the control supply voltage         -10 %           relative positive tolerance of the control supply voltage         30 mA           holding current in standby mode rated value         75 mA           inrush current by clessing the bypass controls supply voltage         22 ms           maximum         0.17 A           inrush current best at application of control supply voltage         22 ms           maximum         42 A G Suse (locu=1 KA), 6 A quick-acting fuse (locu=1 KA), C1 miniature circuit breaker (locu= 0 A), k is not part of digital inputs           number of digital inputs         1           number of digital inputs         1           number of digital outputs         2           i DC1-Si at 24 V raido value         3 A           i DC1-Si at 24 V raido value         3 A           i DC1-Si at 24 V raido value         3 A           i DC1-Si at 24 V raido value         3 A           i DC1-Si at 24 V raido value         3 A           i DC1-Si at 24 V raido value         3 A           i DC1-Si at 24 V raido value         3 A           i DC1-Si	relative negative tolerance of the control supply voltage at	-15 %		
control supply voltage frequency         5060 Hz           relative toparties of the control supply voltage         -10 %           requercy         -10 %           requercy         10 %           requercy         30 mA           holding current in standay mode rated value         30 mA           holding current in bypass portation rated value         76 mA           inrush current pask at application of control supply voltage         12.2 A           maximum         0.17 A           inrush current pask at application of control supply voltage         2.2 ms           design of home-chronage protection for control circuit         4.AgG hase (lase 160 Å), 6.4 quick-acting hase (lase 160 Å), 1 miniture circuit breaker (lase 300 Å), 16 and part of digital outputs           number of digital outputs         1           number of digital outputs         2           in of parametrizable         2           digital output version         2           in AC-15 m 250 V rated value         3 A           in AC-15 m 250 V rated value         3 A           is acting applicable outputs         1 A           is acting applicable output of the relay outputs         3 A           is acting applicable output of the relay output of the	relative positive tolerance of the control supply voltage at	10 %		
frequery         10 %           relative positive tolerance of the control supply voltage         30 m A           holding current in studdy mode rated value         75 m A           inrush current pask at application of control supply voltage         22 a           maximum         0.17 A           inrush current pask at application of control supply voltage         22 ans           design of the overvoltage protection         Variator           design of short-circuit protection for control circuit         4 q G base (user 1AA, 6 A quick acting fuse (user 1AA, 6 A quick acting fuse (user 1AA, 6 A quick acting fuse (user 3AA, 6 A quick acting fuse (user 1AA, 6 A quick acting fuse (user 3AA, 6 A quick acting fuse (user 1AA, 6 A quick acting fuse (user 3AA, 6 A quick acting (user 3AA, 6 A quick acting fuse (user 3AA, 6 A quick acting f		50 60 Hz		
requency         10 %           control supply current in standby mode rated value         30 mA           holding current in bypass operation rated value         75 mA           inrush current peak at application of control supply voltage maximum         12.2 A           duration of inrush current peak at application of control supply voltage         22 ms           design of the overvoltage protection         Variator           design of short-circuit protection for control circuit         ApG fung (neur) KA), 6 A quick-acting fung (neu 1 KA), C1 ministure circuit breaker (neu = 000 Å), 65 ministure circuit breaker (neu = 000 Å), (5 ministure circuit breaker (neu = 000 Å), (5 ministure circuit protection for control circuit           number of digital nuts         1           number of digital nuts         1           number of digital outputs         3           eita A = 15 20 V rated value         3 A           eita A = 15 20 V rated value         3 A           eita A = 15 20 V rated value         3 A           eita A = 15 20 V rated value         3 A           eita A = 15 20 V rated value         3 A           eita A = 15 20 V rated value         3 A           eita A = 15 20 V rated value         3 A           eita A = 15 20 V rated value         3 A           eita A = 15 20 V rated value         3 A           eita A = 15 20 V rate		-10 %		
holding current in bypass operation rated value         76 mA           inrush current by closing the bypass contacts maximum         017 A           inrush current peak at application of control supply voltage         22 A           maximum         42 A           design of the overvoltage protection         Varistor           design of the overvoltage protection for control circuit         4 A G fuse (fuse (fuse 1 KA), 6 A quick-acting fuse (fuse 1 KA), C1 miniature circuit breaker (fuse 300 A), 15 not part of bytes (fuse 300 A), 15 not part of the overvoltage protection           number of digital inputs         1           number of digital outputs         3           in not parameterizable         2           eith C1 and C2 varied value         3           into parameterizable         2           eith C1 fait 26 V rated value         3           into parameterizable         1           eith C1 fait 26 V rated value         3 A           int D2 rate diversion         1 A           either of analize orbit of the relay outputs         4 A G fuse (fuse 4-50° rotatable), with vertical monting surface           eith C1 at 26 V rated value         3 A           int D2 rate diversion         4 A G fuse (fuse 4-50° rotatable), with vertical monting surface           feaght         10 marcentare 4-50° rotatable, with vertical monting surface	relative positive tolerance of the control supply voltage	10 %		
holding current in bypass operation rated value         76 mA           inrush current by closing the bypass contacts maximum         017 A           inrush current peak at application of control supply voltage         22 A           maximum         42 A           design of the overvoltage protection         Varistor           design of the overvoltage protection for control circuit         4 A G fuse (fuse (fuse 1 KA), 6 A quick-acting fuse (fuse 1 KA), C1 miniature circuit breaker (fuse 300 A), 15 not part of bytes (fuse 300 A), 15 not part of the overvoltage protection           number of digital inputs         1           number of digital outputs         3           in not parameterizable         2           eith C1 and C2 varied value         3           into parameterizable         2           eith C1 fait 26 V rated value         3           into parameterizable         1           eith C1 fait 26 V rated value         3 A           int D2 rate diversion         1 A           either of analize orbit of the relay outputs         4 A G fuse (fuse 4-50° rotatable), with vertical monting surface           eith C1 at 26 V rated value         3 A           int D2 rate diversion         4 A G fuse (fuse 4-50° rotatable), with vertical monting surface           feaght         10 marcentare 4-50° rotatable, with vertical monting surface		30 mA		
Inrush current pek at application of control supply voltage maximum         12.2 A           duration of inrush current peak at application of control supply voltage         2.2 ms           design of the overvoltage protection         Varisfor           design of the overvoltage protection for control circuit breaker (iccue 500 A). C6 miniature circuit breaker (iccue 300 A); Is not part of voltage           number of digital nputs         1           number of digital outputs         2           i not parameterizable         2           ottage outputs         2           i not parameterizable         3           i at C-15 at 24 V rated value         3 A           i at C-15 at 24 V rated value         1 A           instation outputs         1           mounting position         4 Northold supply           i distal output version         3 A           i at C-15 at 24 V rated value         1 A           instation         10 mm           i dateding position         10 mm           i distal output version         10 mm           i distation		75 mA		
invalue         12.2 A           maximum         design of invalue current peak at application of control supply votage         22 ms           design of the overvoltage protection         Varistor           design of short-circuit protection for control circuit breaker (icu= 300 A), G8 ministure circuit breaker (icu= 300 A), is not part of scope of supply           number of digital inputs         1           number of digital outputs         3           in on parameterizable         2           digital outputs         3           into parameterizable         3           it Co-15 at 250 V rated value         3 A           it Co-15 at 250 V rated value         3 A           it Co-15 at 250 V rated value         3 A           it Co-15 at 250 V rated value         3 A           it Co-15 at 250 V rated value         3 A           it Co-15 at 250 V rated value         3 A           it Co-15 at 250 V rated value         3 A           it Co-15 at 250 V rated value         3 A           it Co-15 at 250 V rated value         3 A           it Co-15 at 250 V rated value         3 A           it Co-15 at 24 V rated value         3 A           it Co-15 at 250 V rated value         3 A           it Co-15 at 250 V rated value         3 A <td< th=""><th></th><th>0.17 A</th></td<>		0.17 A		
duration of Inrush current peak at application of control supply votage         2.2 ms           design of the overvoltage protection         Varistor           design of short-circuit protection for control circuit breaker (icu = 600 A), C5 miniature circuit breaker (icu = 300 A); is not part of socie of supply           number of digital inputs         1           number of digital outputs         3           in oth parameterizable         2           digital outputs         3           int parameterizable         2           et AC-15 at 250 V rated value         3 A           it AC-15 at 250 V rated value         3 A           it AC-15 at 250 V rated value         3 A           it AC-15 at 250 V rated value         3 A           it AC-15 at 240 V rated value         3 A           it AC-15 at 250 V rated value         3 A           it AC-15 at 240 V rated value         3 A           it AC-15 at 240 V rated value         3 A           it AC-15 at 240 V rated value         3 A           it AC-15 at 240 V rated value         3 A           it AC-16 at 240 V rated value         3 A           it AC-16 at 240 V rated value         3 A           it AC-16 at 240 V rated value         3 A           it AC-16 at 240 V rated value         3 A	inrush current peak at application of control supply voltage	12.2 A		
design of the overvoltage protection         Variator           design of short-circuit protection for control circuit         4 A gG fuse ((cu=1 KA), C A quick-acting fuse ((cu=1 KA), C I miniature circuit breaker (tcu= 300 A); is not part of supply           reputs/ Outputs         3           number of digital inputs         1           number of digital outputs         3           onto parameterizable         2           digital output version         2           at AC-15 at 250 Vrated value         3 A           at DC-13 at 24 V rated value         3 A           at DC-13 at 24 V rated value         1 A           restaltation/mention/         275 mm           required spacing with side-by-side mounting surface +/-00° rotatable, with vertical	duration of inrush current peak at application of control supply	2.2 ms		
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= 300 A); is not part of scope of supply         nputber of digital inputs       1         number of digital inputs       3         • not parameterizable       2         digital output version       2 normally-open contacts (NO) / 1 changeover contact (CO)         number of analog outputs       1         • at AC-15 at 250 V rated value       3 A         • at AC-15 at 24 V rated value       1 A         installation/ mounting/ dimensions       with vertical mounting surface +/-90° rotatable, w		Varistor		
Imputs/ Outputs         I           number of digital inputs         1           number of digital outputs         3           - not parameterizable         2           digital output version         2 normally-open contacts (NO) / 1 changeover contact (CO)           number of analog outputs         1           switching capacity current of the relay outputs         1           - at DC-15 at 250 V rated value         3 A           - at DC-13 at 24 V rated value         1 A           - stablation/ mounting/ dimensions         with vertical mounting surface +/-90° rotatable, with vertical mounting surface           fastening method         screw Kinig           height         275 mm           vidth         170 mm           depth         152 mm           - forwards         0 mm           - backwards         0 mm           - upwards         100 mm           - upwards         100 mm           - downwards         75 mm           - at the side         5 mm           weight without packaging         2.3 kg           Connections/ Terminals         5 mm           type of electrical connection         5 mm           - for main current circuit         spring-loaded terminals		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		
number of digital inputs         1           number of digital outputs         3           • not parameterizable         2           digital output version         2 normally-open contacts (NO) / 1 changeover contact (CO)           number of analog outputs         1           • at AC-15 at 250 V rated value         3 A           • at AC-15 at 250 V rated value         3 A           • at DC-13 at 24 V rated value         1 A           installation/ mounting/ dimensions         with vertical mounting surface +/-90° rotatable, with vertical mounting surfa	Inputs/ Outputs			
number of digital outputs         3           on op parameterizable         2           digital output version         2           number of analog outputs         1           switching capacity current of the relay outputs         3           • at DC-15 at 250 V rated value         3 A           • at DC-13 at 24 V rated value         3 A           • at DC-13 at 24 V rated value         1 A           Installation/ mounting/ dimensions         with vertical mounting surface +/.90° rotatable, with vertical mounting surface           fastening method         screw Koing           height         275 mm           vidth         170 mm           depth         152 mm           • forwards         0 mm           • backwards         0 mm           • upwards         100 mm           • downwards         57 mm           • at the side         57 mm           vertify without packaging         2.3 kg           Connections/ Terminals         screw-type terminals           • for onain current circuit         screw-type terminals           • for main current circuit         screw-type terminals           • for main current circuit         screw-type terminals           • for main current circuit         screw-		1		
digital output version     2 normally-open contacts (NO) / 1 changeover contact (CO)       number of analog outputs     1       switching capacity current of the relay outputs     3 A       • at AC-15 at 250 V rated value     3 A       • at AC-15 at 250 V rated value     1 A       installation/ mounting/ dimensions     1 A       mounting position     with vertical mounting surface +/-90° rotatable, with vertic		3		
number of analog outputs         1           switching capacity current of the relay outputs         3           • at AC-15 at 28 V rated value         3 A           • at AC-15 at 28 V rated value         1 A           Installation/ mounting/ dimensions         with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotata	not parameterizable	2		
number of analog outputs         1           switching capacity current of the relay outputs         3           • at AC-15 at 250 V rated value         3 A           • at AC-15 at 24 V rated value         1 A           Installation/ mounting/ dimensions         with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotat	digital output version	2 normally-open contacts (NO) / 1 changeover contact (CO)		
• at AC-15 at 250 V rated value     3 A       • at DC-13 at 24 V rated value     1 A       Installation/ mounting/ dimensions     with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tittable to the front and back       fastening method     screw fixing       height     275 mm       width     170 mm       depth     170 mm       • backwards     0 mm       • backwards     0 mm       • backwards     0 mm       • downwards     5 mm       • at the side     5 mm       veright without packaging     2.3 kg       Connections/ Terminals     spring-loaded terminals       • for oxator cortool circuit     spring-loaded terminals       • for control circuit     spring-loaded terminals				
• at DC-13 at 24 V rated value       1 A         installation/ mounting/ dimensions       with vertical mounting surface +/-90° rotatable, with surface +/-90° rotatable, with out packagemounting         required spacing with side-by-side mounting       275 mm         required spacing with side-by-side mounting       100 mm         required spacing with side-by-side mounting       0 mm         • forwards       0 mm         • downwards       75 mm         • downwards       75 mm         • at the side       5 mm         veight without packaging       2.3 kg         Connections/       spring-loaded terminals         • for control circuit       spring-loaded terminals         • for contor circuit       spring-loaded terminals         • for onal current circuit soild       2x (1025 mm <sup>3</sup> ), 2x (2510 mm <sup>3</sup> )         • for AWG ca	switching capacity current of the relay outputs			
Installation/ mounting/ dimensions           mounting position         with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back           fastening method         screw fixing           height         275 mm           width         170 mm           depth         152 mm           required spacing with side-by-side mounting         0 mm           • backwards         0 mm           • upwards         100 mm           • downwards         75 mm           • downwards         75 mm           • downwards         100 mm           • downwards         75 mm           • downwards         75 mm           • downwards         75 mm           • at the side         5 mm           weight without packaging         2.3 kg           Connections/ Terminals         screw-type terminals           • for control circuit         spring-loaded terminals           • for control circuit         spring-loaded terminals           • for control circuit         spring-loaded terminals           • for AWC cables for main current circuit solid         2x (10 2.5 mm <sup>3</sup> ), 2x (2.5 10 mm <sup>2</sup> )           • for AWC cables for main current circuit solid         2x (10 2.5 mm <sup>3</sup> ), 2x (2.5 6.0 mm <sup>3</sup> ) <th>• at AC-15 at 250 V rated value</th> <th>3 A</th>	• at AC-15 at 250 V rated value	3 A		
mounting position         with vertical mounting surface +/-90° rotatable, with vertical mounting surfa	• at DC-13 at 24 V rated value	1 A		
+/- 22.5° tiltable to the front and back         fastening method       screw fixing         height       275 mm         width       170 mm         depth       152 mm         required spacing with side-by-side mounting       -         • forwards       0 mm         • backwards       0 mm         • backwards       0 mm         • downwards       55 mm         • downwards       5 mm         • at the side       5 mm         weight without packaging       2.3 kg         Connectons/ Terminals       screw-type terminals         • for main current circuit       screw-type terminals         • for main current circuit       screw-type terminals         • for main current circuit       spring-loaded terminals         • for main current circuit       screw-type terminals         • for main contacts       -         • for main contacts       -         • for Mard conductor cross-sections       2x (1.02.5 mm <sup>3</sup> ), 2x (2.510 mm <sup>3</sup> )         • for control circuit solid       2x (1612), 2x (148)	nstallation/ mounting/ dimensions			
height     275 mm       width     170 mm       depth     152 mm       required spacing with side-by-side mounting     10 mm       • forwards     0 mm       • backwards     0 mm       • backwards     0 mm       • downwards     75 mm       • downwards     75 mm       • at the side     5 mm       weight without packaging     2.3 kg       Connections/ Terminals     5 rom       • for main current circuit     screw-type terminals       • for control circuit     spring-loaded terminals       type of connectable conductor cross-sections     2x (10 2.5 mm²), 2x (2.5 10 mm²)       • for AWG cables for main current circuit solid     2x (16 12), 2x (14 8)       type of connectable conductor cross-sections     6 rom?)       • for AWG cables for main current circuit solid     2x (10 2.5 mm²), 2x (2.5 6.0 mm²)	mounting position			
width170 mmdepth152 mmrequired spacing with side-by-side mounting100 mm• forwards0 mm• backwards0 mm• backwards0 mm• backwards0 mm• downwards75 mm• downwards5 mm• at the side5 mm• at the side5 mm• bronctions/ Terminals5 mmtype of electrical connectionscrew-type terminals• for main current circuitscrew-type terminals• for main current circuitspring-loaded terminals• for main contacts2x (1.0 2.5 mm²), 2x (2.5 10 mm²)• for AWG cables for main current circuit solid2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)• for control circuit solid2x (1.0 2.5 mm²), 2x (1.4 8)	fastening method	screw fixing		
depth152 mmrequired spacing with side-by-side mounting10 mm• forwards10 mm• backwards0 mm• upwards100 mm• downwards75 mm• downwards5 mm• at the side5 mmveight without packaging2.3 kgConnections/ Terminals• for main current circuitscrew-type terminals• for main current circuitscrew-type terminals• for main current circuitscrew-type terminals• for main contacts $-$ solid- solid2x (10 2.5 mm²), 2x (2.5 10 mm²)• for AWG cables for main current circuit solid2x (10 2.5 mm²), 2x (14 8)type of connectable conductor cross-sections $2x (10 2.5 mm²), 2x (14 8)$	height	275 mm		
required spacing with side-by-side mounting• forwards10 mm• backwards0 mm• upwards100 mm• downwards75 mm• at the side5 mm• at the side5 mmweight without packaging2.3 kgConnections/ Terminals• for main current circuitscrew-type terminals• for control circuitscrew-type terminals• for main current circuitspring-loaded terminals• for main contacts- solid- solid2x (1.0 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)• for control circuit solid2x (1.0 2.5 mm²), 2x (1.4 8)type of connectable conductor cross-sections2x (1.0 2.5 mm²), 2x (1.4 8)• for control circuit solid2x (0.25 1.5 mm²)	width	170 mm		
• forwards10 mm• backwards0 mm• upwards100 mm• downwards75 mm• at the side5 mm• at the side5 mm• at the side2.3 kgconnections/ Terminalsscrew-type terminals• for main current circuitscrew-type terminals• for control circuitspring-loaded terminals• for main contacts- solid- solid2x (1.0 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)• for AWG cables for main current circuit solid2x (1.6 12), 2x (14 8)type of connectable conductor cross-sections- for analy and a current circuit solid• for control circuit solid2x (0.25 1.5 mm²)	depth	152 mm		
backwards0 mmupwards100 mmdownwards75 mmat the side5 mmat the side2.3 kgConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for control circuitspring-loaded terminals• for main contacts2x (1.0 2.5 mm²), 2x (2.5 10 mm²)- solid2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)• for AWG cables for main current circuit solid2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)• for Connectable conductor cross-sections2x (1.0 2.5 mm²), 2x (1.4 8)• for Connectable conductor cross-sections2x (1.0 2.5 mm²), 2x (2.5 10 mm²)• for AWG cables for main current circuit solid2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)• for control circuit solid2x (0.25 1.5 mm²)	required spacing with side-by-side mounting			
• upwards100 mm• downwards75 mm• at the side5 mm• at the side2.3 kgconnections/Terminals2.3 kgconnections/Terminalsscrew-type terminals• for main current circuitscrew-type terminals• for control circuitspring-loaded terminals• for main contacts2x (1.0 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)• for AWG cables for main current circuit solid2x (1.0 2.5 mm²), 2x (1.4 8)type of connectable conductor cross-sections	• forwards	10 mm		
• downwardsFor man 75 mm• at the side5 mm• at the side5 mm• at the side2.3 kgConnections/ Terninals2.3 kgConnections/ Terninalsscrew-type terminals• for main current circuitscrew-type terminals• for control circuitspring-loaded terminals• for connectable conductor cross-sections2x (1.0 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)• for AWG cables for main current circuit solid2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)• for control circuit solid2x (0.25 1.5 mm²)	backwards	0 mm		
• at the side5 mmweight without packaging2.3 kgConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for control circuitspring-loaded terminals• for main contacts2x (1.0 2.5 mm²), 2x (2.5 10 mm²)• for AWG cables for main current circuit solid2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)• for control circuit solid2x (0.25 1.5 mm²)	• upwards	100 mm		
weight without packaging2.3 kgConnections/ Terminalstype of electrical connection• for main current circuitscrew-type terminals• for control circuitspring-loaded terminals• for connectable conductor cross-sections• for main contacts- solid2x (1.0 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (10 2.5 mm²), 2x (2.5 6.0 mm²)• for AWG cables for main current circuit solid2x (16 12), 2x (14 8)type of connectable conductor cross-sections2x (0.25 1.5 mm²)	downwards	75 mm		
Connections/ Terminals         type of electrical connection       screw-type terminals         • for main current circuit       spring-loaded terminals         • for control circuit       spring-loaded terminals         type of connectable conductor cross-sections       - solid         - solid       2x (1.0 2.5 mm²), 2x (2.5 10 mm²)         - finely stranded with core end processing       2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)         • for AWG cables for main current circuit solid       2x (16 12), 2x (14 8)         type of connectable conductor cross-sections       2x (0.25 1.5 mm²)	• at the side	5 mm		
type of electrical connectionscrew-type terminals• for main current circuitscrew-type terminals• for control circuitspring-loaded terminalstype of connectable conductor cross-sections-• for main contacts solid2x (1.0 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)• for AWG cables for main current circuit solid2x (16 12), 2x (14 8)type of connectable conductor cross-sections2x (0.25 1.5 mm²)	weight without packaging	2.3 kg		
• for main current circuitscrew-type terminals• for control circuitspring-loaded terminalstype of connectable conductor cross-sections-• for main contacts solid2x (10 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (10 2.5 mm²), 2x (2.5 6.0 mm²)• for AWG cables for main current circuit solid2x (16 12), 2x (14 8)type of connectable conductor cross-sections2x (10 2.5 mm²), 2x (2.5 6.0 mm²)• for control circuit solid2x (16 12), 2x (14 8)	Connections/ Terminals			
• for control circuitspring-loaded terminalstype of connectable conductor cross-sectionsspring-loaded terminals• for main contacts solid2x (1.0 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)• for AWG cables for main current circuit solid2x (16 12), 2x (14 8)type of connectable conductor cross-sections-• for control circuit solid2x (0.25 15 mm²)	type of electrical connection			
type of connectable conductor cross-sections       Image: section sect	<ul> <li>for main current circuit</li> </ul>	screw-type terminals		
• for main contacts       - solid         - solid       2x (1.0 2.5 mm²), 2x (2.5 10 mm²)         - finely stranded with core end processing       2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)         • for AWG cables for main current circuit solid       2x (16 12), 2x (14 8)         type of connectable conductor cross-sections       2x (0.25 1.5 mm²)         • for control circuit solid       2x (0.25 1.5 mm²)	for control circuit	spring-loaded terminals		
solid       2x (1.0 2.5 mm²), 2x (2.5 10 mm²)         finely stranded with core end processing       2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)         • for AWG cables for main current circuit solid       2x (16 12), 2x (14 8)         type of connectable conductor cross-sections       2x (0.25 1.5 mm²)         • for control circuit solid       2x (0.25 1.5 mm²)	type of connectable conductor cross-sections			
- finely stranded with core end processing     2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)       • for AWG cables for main current circuit solid     2x (16 12), 2x (14 8)       type of connectable conductor cross-sections     2x (0.25 1.5 mm²)       • for control circuit solid     2x (0.25 1.5 mm²)	<ul> <li>for main contacts</li> </ul>			
for AWG cables for main current circuit solid     2x (16 12), 2x (14 8)     type of connectable conductor cross-sections     for control circuit solid     2x (0.25 1.5 mm²)	— solid	2x (1.0 2.5 mm²), 2x (2.5 10 mm²)		
type of connectable conductor cross-sections       - for control circuit solid         2x (0.25 1.5 mm²)	<ul> <li>finely stranded with core end processing</li> </ul>	2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)		
• for control circuit solid 2x (0.25 1.5 mm <sup>2</sup> )	<ul> <li>for AWG cables for main current circuit solid</li> </ul>	2x (16 12), 2x (14 8)		
	type of connectable conductor cross-sections			
a for control circuit finally atranded with core and processing	for control circuit solid	2x (0.25 1.5 mm <sup>2</sup> )		
• for control directil linely stranded with core end processing 2x (0.25 1.5 min <sup>-</sup> )	<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	2x (0.25 1.5 mm²)		

a for ANAC cables for control sirguit solid	24 (24 16)			
<ul> <li>for AWG cables for control circuit solid</li> <li>for AWG cables for control circuit finally stranded with</li> </ul>	2x (24 16)			
<ul> <li>for AWG cables for control circuit finely stranded with core end processing</li> </ul>	2x (24 16)			
wire length				
between soft starter and motor maximum	800 m			
<ul> <li>at the digital inputs at AC maximum</li> </ul>	100 m			
tightening torque				
<ul> <li>for main contacts with screw-type terminals</li> </ul>	2 2.5 N·m			
<ul> <li>for auxiliary and control contacts with screw-type</li> </ul>	0.8 1.2 N·m			
terminals				
tightening torque [lbf·in]				
<ul> <li>for main contacts with screw-type terminals</li> </ul>	18 22 lbf·in			
<ul> <li>for auxiliary and control contacts with screw-type terminals</li> </ul>	7 10.3 lbf·in			
Ambient conditions				
installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog			
ambient temperature	5 000 m, Deraing as or 1000 m, see catalog			
-	-25 +60 °C; Please observe derating at temperatures of 40 °C or above			
<ul> <li>during operation</li> <li>during storage and transport</li> </ul>	-40 +80 °C			
environmental category				
• during operation according to IEC 60721	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2			
- during operation according to IEO 00721	(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			
<ul> <li>during transport according to IEC 60721</li> </ul>	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)			
EMC emitted interference	acc. to IEC 60947-4-2: Class A			
Communication/ Protocol				
communication module is supported				
PROFINET standard	Yes			
EtherNet/IP	Yes			
Modbus RTU	Yes			
Modbus TCP	Yes			
• PROFIBUS	Yes			
UL/CSA ratings				
manufacturer's article number				
<ul> <li>of circuit breaker</li> </ul>				
<ul> <li>— usable for Standard Faults at 460/480 V according to UL</li> </ul>	Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA			
— usable for High Faults at 460/480 V according to UL	Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; Iq max = 65 kA			
<ul> <li>— usable for Standard Faults at 460/480 V at inside- delta circuit according to UL</li> </ul>	Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA			
delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL	Siemens type: 3VA51, max. 60 A; lq max = 65 kA			
delta circuit according to UL — usable for High Faults at 460/480 V at inside-delta circuit according to UL — usable for Standard Faults at 575/600 V according to UL	Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA			
<ul> <li>delta circuit according to UL</li> <li>— usable for High Faults at 460/480 V at inside-delta circuit according to UL</li> <li>— usable for Standard Faults at 575/600 V according to UL</li> <li>— usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> </ul>	Siemens type: 3VA51, max. 60 A; lq max = 65 kA			
<ul> <li>delta circuit according to UL</li> <li>usable for High Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> <li>of the fuse</li> </ul>	Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA			
<ul> <li>delta circuit according to UL</li> <li>— usable for High Faults at 460/480 V at inside-delta circuit according to UL</li> <li>— usable for Standard Faults at 575/600 V according to UL</li> <li>— usable for Standard Faults 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> </ul>	Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA Type: Class RK5 / K5, max. 150 A; lq = 5 kA			
<ul> <li>delta circuit according to UL</li> <li>— usable for High Faults at 460/480 V at inside-delta circuit according to UL</li> <li>— usable for Standard Faults at 575/600 V according to UL</li> <li>— usable for Standard Faults 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> </ul>	Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA Type: Class RK5 / K5, max. 150 A; lq = 5 kA Type: Class J / L, max. 150 A; lq = 100 kA			
<ul> <li>delta circuit according to UL</li> <li>— usable for High Faults at 460/480 V at inside-delta circuit according to UL</li> <li>— usable for Standard Faults at 575/600 V according to UL</li> <li>— usable for Standard Faults 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> </ul>	Siemens type: $3VA51$ , max. $60$ A; lq max = $65$ kA Siemens type: $3RV2742$ , max. $70$ A or $3VA51$ , max. $125$ A; lq = $5$ kA Siemens type: $3RV2742$ , max. $70$ A or $3VA51$ , max. $125$ A; lq = $5$ kA Type: Class RK5 / K5, max. $150$ A; lq = $5$ kA Type: Class RK5 / K5, max. $150$ A; lq = $100$ kA Type: Class RK5 / K5, max. $150$ A; lq = $5$ kA			
<ul> <li>delta circuit according to UL <ul> <li>usable for High Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> </ul> </li> <li>of the fuse <ul> <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 up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> </ul> </li> </ul>	Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA Type: Class RK5 / K5, max. 150 A; lq = 5 kA Type: Class J / L, max. 150 A; lq = 100 kA			
<ul> <li>delta circuit according to UL         <ul> <li>usable for High Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V at inside-delta circuit according to UL</li> <li>of the fuse                 <ul> <li>usable for Standard Faults up to 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 to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>gerating power [hp] for 3-phase motors</li> </ul> </li> </ul> </li> </ul>	Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA Type: Class RK5 / K5, max. 150 A; lq = 5 kA Type: Class J / L, max. 150 A; lq = 100 kA Type: Class RK5 / K5, max. 150 A; lq = 5 kA Type: Class J / L, max. 150 A; lq = 100 kA			
<ul> <li>delta circuit according to UL         <ul> <li>usable for High Faults at 460/480 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults at 575/600 V according to UL</li> <li>usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V at inside-delta circuit according to UL</li> <li>usable for Standard Faults up to 575/600 V according to UL                 <ul> <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                     <ul> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for High Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>usable for 3-phase motors</li> <li>at 200/208 V at 50 °C rated value</li></ul></li></ul></li></ul></li></ul>	Siemens type: 3VA51, max. 60 A; lq max = 65 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA Type: Class RK5 / K5, max. 150 A; lq = 5 kA Type: Class J / L, max. 150 A; lq = 100 kA Type: Class RK5 / K5, max. 150 A; lq = 5 kA Type: Class J / L, max. 150 A; lq = 100 kA Type: Class J / L, max. 150 A; lq = 100 kA			
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Safety related data			1000			
	protection class IP on the front according to IEC 60529		IP20			
•	he front according to IE	C 60529	Ŭ	afe, for vertical contac		
electromagnetic com Certificates/ approvals			In accor	dance with IEC 60947	-4-2	
						EMO
General Product App	proval					EMC
(SP)		<u>Confirmation</u>	n	UL UL	EHC	RCM
Declaration of Confo	rmity	Test Certificate	es I	Marine / Shipping		
CE EG-Konf.	UK CA	<u>Type Test Cert</u> ates/Test Rep		ABS	BUREAU VERITAS	Lloyds Register urs
Marine / Shipping	other					
PRS	<u>Confirmation</u>					
Further information						
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). 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=3RW5217-3AC15 Cax online generator						
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5217-3AC15						
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	Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5217-3AC15⟨=en					

Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RW5217-3AC15/char

Characteristic: Installation altitude

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5217-3AC15&objecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS)

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





