## SIEMENS

## Data sheet

## 3RW5234-2AC05



SIRIUS soft starter 200-600 V 113 A, 24 V AC/DC spring-type terminals Analog output

product brand name	SIRIUS	
product stand name	Hybrid switching devices	
product designation	Soft starter	
product type designation	3RW52	
manufacturer's article number		
of standard HMI module usable	3RW5980-0HS00	
of high feature HMI module usable	3RW5980-0HF00	
<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>	3VA2216-7MN32-0AA0: Type of coordination 1, Iq = 65 kA, CLASS 10	
<ul> <li>of circuit breaker usable at 400 V at inside-delta circuit</li> </ul>	3VA2220-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10	
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	<u>3NA3244-6; Type of coordination 1, Iq = 65 kA</u>	
<ul> <li>of the gG fuse usable at inside-delta circuit up to 500 V</li> </ul>	<u>3NA3244-6; Type of coordination 1, Iq = 65 kA</u>	
<ul> <li>of full range R fuse link for semiconductor protection usable up to 690 V</li> </ul>	<u>3NE1225-0; 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>3NE3332-0B; 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		
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		
<ul> <li>for main current circuit</li> </ul>	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	1 800 V	
service factor	1	
surge voltage resistance rated value	6 kV	
maximum permissible voltage for safe isolation		
between main and auxiliary circuit	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	
	AC 53a	
utilization category according to IEC 60947-4-2	Q	
reference code according to IEC 81346-2		
Substance Prohibitance (Date)	02/15/2018	
product function		
• ramp-up (soft starting)	Yes	
• ramp-down (soft stop)	Yes	
Soft Torque	Yes	
<ul> <li>adjustable current limitation</li> </ul>	Yes	
<ul> <li>pump ramp down</li> </ul>	Yes	
<ul> <li>intrinsic device protection</li> </ul>	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	
<ul> <li>firmware update</li> </ul>	Yes	
<ul> <li>removable terminal for control circuit</li> </ul>	Yes	
torque control	No	
<ul> <li>analog output</li> </ul>	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature HMI)	
Power Electronics		
operational current		
<ul> <li>at 40 °C rated value</li> </ul>	113 A	
• at 50 °C rated value	101 A	
• at 60 °C rated value	89 A	
operational current at inside-delta circuit		
<ul> <li>at 40 °C rated value</li> </ul>	196 A	
<ul> <li>at 50 °C rated value</li> </ul>	175 A	
• at 60 °C rated value	154 A	
operating voltage		
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	30 kW	
<ul> <li>at 230 V at inside-delta circuit at 40 °C rated value</li> </ul>	55 kW	
• at 400 V at 40 °C rated value	55 kW	

	• at 400 V at inside-delta circuit at 40 °C rated value	110 kW
Operating frequency 1 rated value         60 Hz           Operating frequency 2 rated value         60 Hz           Operating frequency 2 rated value         60 Hz           relative negative tolerance of the operating frequency         10 %           relative negative tolerance of the operating frequency         10 %           relative negative tolerance of the operating frequency         10 %           et rolary coding switch on switch position 1         53 A           et rolary coding switch on switch position 3         61 A           et rolary coding switch on switch position 5         59 A           et rolary coding switch on switch position 6         83 A           et rolary coding switch on switch position 6         81 A           et rolary coding switch on switch position 1         59 A           et rolary coding switch on switch position 1         59 A           et rolary coding switch on switch position 1         50 A           et rolary coding switch on switch position 14         105 A           et rolary coding switch on switch position 15         109 A           et rolary coding switch on switch position 16         113 A           et rolary coding switch on switch position 16         113 A           et rolary coding switch on switch position 16         113 A           et rolardy coding switch on switch position 16		
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• minimum53 Aadjustable motor current • for inside-delta circuit at rotary coding switch on switch position 191.8 A• for inside-delta circuit at rotary coding switch on switch position 298.7 A• for inside-delta circuit at rotary coding switch on switch position 398.7 A• for inside-delta circuit at rotary coding switch on switch position 4106 A• for inside-delta circuit at rotary coding switch on switch position 5106 A• for inside-delta circuit at rotary coding switch on 		
adjustable motor current <ul> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> <li>for inside-delta circuit at rotary coding switch on switch position 12</li> <li>for inside-delta circuit at rotary coding switch on switch position 12</li> <li>for inside-delta circuit at rotary coding switch on switch position 13</li> <li>for inside-delta circuit at rotary coding switch on switch position 13</li> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> <li>for inside-delta circuit at r</li></ul>		
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> <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 position 9</li> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> <li>for inside-delta circuit at rotary coding switch on switch position 11</li> <li>for inside-delta circuit at rotary coding switch on switch position 12</li> <li>for inside-delta circuit at rotary coding switch on switch position 12</li> <li>for inside-delta circuit at rotary coding switch on switch position 11</li> <li>for inside-delta circuit at rotary coding switch on switch position 13</li> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> <li>for inside-delta circuit at</li></ul>		53 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> <li>for inside-delta circuit at rotary coding switch on switch position 13</li> <li>for inside-delta circuit at rotary coding switch on switch position 13</li> <li>for inside-delta circuit at rotary coding switch on switch position 13</li> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> <li>for inside-delta circuit at rotary coding switch on switch position 14</li> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> <li>for inside-delta circuit at rotary coding switch on switch position 16</li> <li>for inside-delta circuit</li></ul>	• for inside-delta circuit at rotary coding switch on	91.8 A
switch position 3113 A• for inside-delta circuit at rotary coding switch on switch position 4113 A• for inside-delta circuit at rotary coding switch on switch position 5120 A• for inside-delta circuit at rotary coding switch on switch position 6126 A• for inside-delta circuit at rotary coding switch on switch position 7133 A• for inside-delta circuit at rotary coding switch on switch position 7140 A• for inside-delta circuit at rotary coding switch on switch position 8147 A• for inside-delta circuit at rotary coding switch on switch position 9154 A• for inside-delta circuit at rotary coding switch on switch position 10161 A• for inside-delta circuit at rotary coding switch on switch position 11161 A• for inside-delta circuit at rotary coding switch on switch position 12175 A• for inside-delta circuit at rotary coding switch on switch position 13182 A• for inside-delta circuit at rotary coding switch on switch position 14182 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding	<ul> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	98.7 A
switch position 4120 A• for inside-delta circuit at rotary coding switch on switch position 5120 A• for inside-delta circuit at rotary coding switch on switch position 6126 A• for inside-delta circuit at rotary coding switch on switch position 7133 A• for inside-delta circuit at rotary coding switch on switch position 8140 A• for inside-delta circuit at rotary coding switch on switch position 7147 A• for inside-delta circuit at rotary coding switch on switch position 10154 A• for inside-delta circuit at rotary coding switch on switch position 11161 A• for inside-delta circuit at rotary coding switch on switch position 12168 A• for inside-delta circuit at rotary coding switch on switch position 13175 A• for inside-delta circuit at rotary coding switch on switch position 13182 A• for inside-delta circuit at rotary coding switch on switch position 13182 A• for inside-delta circuit at rotary coding switch on switch position 14189 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 15189 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 16189 A• for inside-delta circuit at rotary coding switch on switch position 16186 A• for inside-delta circuit at rotary codin		106 A
switch position 5126 A• for inside-delta circuit at rotary coding switch on switch position 7133 A• for inside-delta circuit at rotary coding switch on switch position 7140 A• for inside-delta circuit at rotary coding switch on switch position 8140 A• for inside-delta circuit at rotary coding switch on switch position 9147 A• for inside-delta circuit at rotary coding switch on switch position 10154 A• for inside-delta circuit at rotary coding switch on switch position 11161 A• for inside-delta circuit at rotary coding switch on switch position 11168 A• for inside-delta circuit at rotary coding switch on switch position 12175 A• for inside-delta circuit at rotary coding switch on switch position 13182 A• for inside-delta circuit at rotary coding switch on switch position 14189 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 16181 A• for inside-delta circuit at rotary coding switch on switch position 15189 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 16118 A• for inside-delta circuit at rotary coding switch on switch position 16166 A• for inside-delta circuit at rotary coding switch on switch position 16181 A• for inside-delta circuit at rotary coding switch on switch position 16166 A• for inside-delta circuit at rotary codi		113 A
switch position 6133 A• for inside-delta circuit at rotary coding switch on switch position 7140 A• for inside-delta circuit at rotary coding switch on switch position 8147 A• for inside-delta circuit at rotary coding switch on switch position 9147 A• for inside-delta circuit at rotary coding switch on switch position 10154 A• for inside-delta circuit at rotary coding switch on switch position 10161 A• for inside-delta circuit at rotary coding switch on switch position 11168 A• for inside-delta circuit at rotary coding switch on switch position 12175 A• for inside-delta circuit at rotary coding switch on switch position 13189 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 13196 A• for inside-delta circuit at rotary coding switch on switch position 13189 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• at inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 1615 %; Relative to smallest settable lepower lo		120 A
switch position 71• for inside-delta circuit at rotary coding switch on switch position 8140 A• for inside-delta circuit at rotary coding switch on switch position 9147 A• for inside-delta circuit at rotary coding switch on switch position 10154 A• for inside-delta circuit at rotary coding switch on switch position 11161 A• for inside-delta circuit at rotary coding switch on switch position 12168 A• for inside-delta circuit at rotary coding switch on switch position 12175 A• for inside-delta circuit at rotary coding switch on switch position 13182 A• for inside-delta circuit at rotary coding switch on switch position 14189 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 16189 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 16189 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding		
switch position 8147 A• for inside-delta circuit at rotary coding switch on switch position 10154 A• for inside-delta circuit at rotary coding switch on switch position 10161 A• for inside-delta circuit at rotary coding switch on switch position 11168 A• for inside-delta circuit at rotary coding switch on switch position 12175 A• for inside-delta circuit at rotary coding switch on switch position 13182 A• for inside-delta circuit at rotary coding switch on switch position 13189 A• for inside-delta circuit at rotary coding switch on switch position 14196 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• at inside-delta circuit at rotary coding switch on switch position 16196 A• at inside-delta circuit at rotary coding switch on switch position 16196 A• at inside-delta circuit at rotary coding switch on switch position 16196 A• at inside-delta circuit at rotary coding switch on switch position 16196 A• at inside-delta circuit at rotary coding switch on switch position 16196 A• at inside-delta circuit at rotary coding switch on switch position 16196 A• at inside-delta circuit at rotary coding	switch position 7	
switch position 9154 A• for inside-delta circuit at rotary coding switch on switch position 10161 A• for inside-delta circuit at rotary coding switch on switch position 11161 A• for inside-delta circuit at rotary coding switch on switch position 12168 A• for inside-delta circuit at rotary coding switch on switch position 12175 A• for inside-delta circuit at rotary coding switch on switch position 13182 A• for inside-delta circuit at rotary coding switch on switch position 14189 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 15189 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• for inside-delta circuit at rotary coding switch on switch position 15156 ו for inside-delta circuit at rotary coding switch on switch position 16196 A• at inside-delta circuit at rotary coding switch on switch position 16157 ו at inside-delta circuit at rotary coding switch on switch position 16158 ו at inside-delta circuit at rotary coding switch on switch position 16158 ו at inside-delta circuit at rotary coding switch on switch position 16158 ו at 40 °C after startup • at 40 °C after startup46 W• at 40 °C after startup • at 50 °C after startup42 W	switch position 8	
switch position 10161 A• for inside-delta circuit at rotary coding switch on switch position 11161 A• for inside-delta circuit at rotary coding switch on switch position 12168 A• for inside-delta circuit at rotary coding switch on switch position 13175 A• for inside-delta circuit at rotary coding switch on switch position 14182 A• for inside-delta circuit at rotary coding switch on switch position 15189 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• at inside-delta circuit minimum91.8 Aminimum load [%]15 %; Relative to smallest settable le• at 40 °C after startup46 W• at 50 °C after startup42 W	switch position 9	
switch position 11Instruction of the current at AC• for inside-delta circuit at rotary coding switch on switch position 12168 A• for inside-delta circuit at rotary coding switch on switch position 13175 A• for inside-delta circuit at rotary coding switch on switch position 14182 A• for inside-delta circuit at rotary coding switch on switch position 15189 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 1691.8 A• at inside-delta circuit minimum91.8 K• at 40 °C after startup • at 40 °C after startup46 W• at 50 °C after startup • at 50 °C after startup42 W	switch position 10	
switch position 12175 A• for inside-delta circuit at rotary coding switch on switch position 13175 A• for inside-delta circuit at rotary coding switch on switch position 14182 A• for inside-delta circuit at rotary coding switch on switch position 15189 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 1691.8 A• at inside-delta circuit minimum91.8 A• at inside-delta value of the current at AC • at 40 °C after startup46 W• at 50 °C after startup42 W	switch position 11	
switch position 13182 A• for inside-delta circuit at rotary coding switch on switch position 14189 A• for inside-delta circuit at rotary coding switch on switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 1691.8 A• at inside-delta circuit minimum91.8 A• at inside-delta value of the current at AC • at 40 °C after startup46 W• at 50 °C after startup42 W	switch position 12	
switch position 14I89 A• for inside-delta circuit at rotary coding switch on switch position 15189 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• at inside-delta circuit minimum91.8 Aminimum load [%]15 %; Relative to smallest settable le• at 40 °C after startup46 W• at 50 °C after startup42 W	switch position 13	
switch position 15196 A• for inside-delta circuit at rotary coding switch on switch position 16196 A• at inside-delta circuit minimum91.8 Aminimum load [%]15 %; Relative to smallest settable lepower loss [W] for rated value of the current at AC • at 40 °C after startup46 W• at 50 °C after startup42 W	switch position 14	
switch position 1691.8 Aminimum load [%]15 %; Relative to smallest settable lepower loss [W] for rated value of the current at AC46 W• at 40 °C after startup46 W• at 50 °C after startup42 W	switch position 15	
minimum load [%]15 %; Relative to smallest settable lepower loss [W] for rated value of the current at AC46 W• at 40 °C after startup46 W• at 50 °C after startup42 W	switch position 16	
power loss [W] for rated value of the current at AC• at 40 °C after startup46 W• at 50 °C after startup42 W		
<ul> <li>at 40 °C after startup</li> <li>at 50 °C after startup</li> <li>46 W</li> <li>42 W</li> </ul>		
• at 50 °C after startup 42 W		46 W
• at 60 °C after startup 39 W		42 W
	• at 60 °C after startup	39 W

nower loss IMI at AC at summant limitation OFO 0/		
power loss [W] at AC at current limitation 350 %	4 540 M	
• at 40 °C during startup	1 512 W 1 291 W	
• at 50 °C during startup	1 291 W	
at 60 °C during startup	1 086 W	
Control circuit/ Control	40/50	
type of voltage of the control supply voltage	AC/DC	
control supply voltage at AC	04.14	
• at 50 Hz rated value	24 V	
at 60 Hz rated value	24 V	
relative negative tolerance of the control supply voltage at AC at 50 Hz	-20 %	
relative positive tolerance of the control supply voltage at AC at 50 Hz	20 %	
relative negative tolerance of the control supply voltage at AC at 60 Hz	-20 %	
relative positive tolerance of the control supply voltage at AC at 60 Hz	20 %	
control supply voltage frequency	50 60 Hz	
relative negative tolerance of the control supply voltage frequency	-10 %	
relative positive tolerance of the control supply	10 %	
voltage frequency		
control supply voltage	04.14	
at DC rated value	24 V	
relative negative tolerance of the control supply voltage at DC	-20 %	
relative positive tolerance of the control supply voltage at DC	20 %	
control supply current in standby mode rated value	160 mA	
holding current in bypass operation rated value	380 mA	
locked-rotor current at close of bypass contact maximum	7.6 A	
inrush current peak at application of control supply voltage maximum	3.3 A	
duration of inrush current peak at application of control supply voltage	12.1 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	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		
• at AC-15 at 250 V rated value	3 A	
• at DC-13 at 24 V rated value	1 A	
Installation/ mounting/ dimensions		
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- $22.5^{\circ}$ tiltable to the front and back	
fastening method	screw fixing	
height	306 mm	
width	185 mm	
depth	203 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	6.6 kg	

Connections/ Terminals		
type of electrical connection		
for main current circuit	busbar connection	
for control circuit	spring-loaded terminals	
width of connection bar maximum	25 mm	
type of connectable conductor cross-sections		
<ul> <li>for DIN cable lug for main contacts stranded</li> </ul>	2x (16 95 mm²)	
<ul> <li>for DIN cable lug for main contacts finely stranded</li> </ul>	2x (25 120 mm²)	
type of connectable conductor cross-sections		
for control circuit solid	2x (0.25 1.5 mm²)	
<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	2x (0.25 1.5 mm <sup>2</sup> )	
<ul> <li>at AWG cables for control circuit solid</li> </ul>	2x (24 16)	
<ul> <li>at AWG cables for control circuit finely stranded with core end processing</li> </ul>	2x (24 16)	
wire length		
<ul> <li>between soft starter and motor maximum</li> </ul>	800 m	
<ul> <li>at the digital inputs at AC maximum</li> </ul>	100 m	
<ul> <li>at the digital inputs at DC maximum</li> </ul>	1 000 m	
tightening torque		
<ul> <li>for main contacts with screw-type terminals</li> </ul>	10 14 N·m	
<ul> <li>for auxiliary and control contacts with screw-type terminals</li> </ul>	0.8 1.2 N·m	
tightening torque [lbf·in]		
<ul> <li>for main contacts with screw-type terminals</li> </ul>	89 124 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		
during operation	-25 +60 °C; Please observe derating at temperatures of 40 °C or above	
during storage and transport	-40 +80 °C	
environmental category		
<ul><li>during operation according to IEC 60721</li><li>during storage according to IEC 60721</li></ul>	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6 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)	
EMC emitted interference	acc. to IEC 60947-4-2: Class A	
Communication/ Protocol		
communication module is supported		
<ul> <li>PROFINET standard</li> </ul>	Yes	
EtherNet/IP	Yes	
Modbus RTU	Yes	
Modbus TCP	Yes	
PROFIBUS	Yes	
UL/CSA ratings		
manufacturer's article number		
of circuit breaker		
<ul> <li>— usable for Standard Faults at 460/480 V according to UL</li> </ul>	Siemens type: 3VA52, max. 250 A; lq = 10 kA	
<ul> <li>— usable for High Faults at 460/480 V according to UL</li> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA	
<ul> <li>— usable for Standard Faults at 460/480 V at inside-delta circuit according to UL</li> </ul>	Siemens type: 3VA52, max. 250 A; Iq = 10 kA	
<ul> <li>— usable for High Faults at 460/480 V at inside- delta circuit according to UL</li> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA	
<ul> <li>— usable for Standard Faults at 575/600 V according to UL</li> </ul>	Siemens type: 3VA52, max. 250 A; lq = 10 kA	
<ul> <li>— usable for Standard Faults at 575/600 V at inside-delta circuit according to UL</li> </ul>	Siemens type: 3VA52, max. 250 A; lq = 10 kA	
<ul> <li>of the fuse</li> </ul>		

$\begin{array}{c c c c c }$	- usable for Standard Faults up				
		to 575/600 V	Type: Class RK5 / K5, r	nax. 350 A; Iq = 10 kA	
circuit up to 575/600 V according to UL.     Type: Class J / L, max. 350 A; lq = 100 kA       operating power [hp] for 3-phase motors     30 hp       at 200230 V at 60 °C rated value     30 hp       at 200208 V at 60 °C rated value     30 hp       at 202020 V at 60 °C rated value     50 hp       at 202020 V at 60 °C rated value     50 hp       at 202020 V at 60 °C rated value     50 hp       at 202020 V at 60 °C rated value     50 hp       at 202020 V at 10 °C rated value     50 hp       at 202020 V at 10 °C rated value     76 hp       at 202020 V at 10 °C rated value     60 hp       value     60 hp       at 460/480 V at inside-delta circuit at 50 °C rated     125 hp       value     60 hp       at 460/480 V at inside-delta circuit at 50 °C rated     125 hp       value     at 460/480 V at inside-delta circuit at 50 °C rated     125 hp       orotact rating of auxiliary contacts according to UL     R300-B300       Staty related data     Imper-safe, for vertical contact from the front with cover       forcetion on the front according to EEC 60529     Inger-safe, for vertical contact from the front with cover       dectromagnetic compatibility     in accordance with IEC 60947-4.2       Confirmation     Confirmation       Exercet     Imper-safe, for vertical contact from the front with cover       fact real / aporvais <td colspan="2">— usable for High Faults up to 575/600 V</td> <td colspan="3">Type: Class J / L, max. 350 A; Iq = 100 kA</td>	— usable for High Faults up to 575/600 V		Type: Class J / L, max. 350 A; Iq = 100 kA		
to 575/600 V according to UL     Image: State of the stat		usable for Standard Faults at inside-delta		nax. 350 A; Iq = 10 kA	
• at 200208 V at 50 °C rated value     30 hp       • at 200208 V at 50 °C rated value     30 hp       • at 460/480 V at 50 °C rated value     100 hp       • at 575/600 V at inside-delta circuit at 50 °C rated value     60 hp       • at 220/280 V at inside-delta circuit at 50 °C rated value     100 hp       • at 220/280 V at inside-delta circuit at 50 °C rated value     60 hp       • at 460/480 V at 50 °C rated value     105 hp       • at 460/480 V at 50 °C rated value     60 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     125 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     125 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     160 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     160 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     160 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     1700; IP20 with cover       • at 460/480 V at 50 °C rated value     100 hp       • at 575/600 V at inside-delta circuit at 50 °C rated value     100 hp       • at 600/480 V at 50 °C rated value     100 hp       • at 600/480 V at 50 °C rated value     100 hp       • at 600/480 V at 50 °C rated value     100 hp       • at 600/480 V at 50 °C rated value     100 hp       • at 600/480 V at 50 °C rated value     100 hp       • at 600 °C rate<		e-delta circuit up	Type: Class J / L, max. 350 A; Iq = 100 kA		
• at 200208 V at 50 °C rated value     30 hp       • at 200208 V at 50 °C rated value     30 hp       • at 460/480 V at 50 °C rated value     100 hp       • at 575/600 V at inside-delta circuit at 50 °C rated value     60 hp       • at 220/280 V at inside-delta circuit at 50 °C rated value     100 hp       • at 220/280 V at inside-delta circuit at 50 °C rated value     60 hp       • at 460/480 V at 50 °C rated value     125 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     125 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     125 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     150 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     126 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     160 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     160 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     160 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     160 hp       • at 600/480 V at inside-delta circuit at 50 °C rated value     160 hp       • at 600/480 V at inside-delta circuit at 50 °C rated value     160 hp       • at 600/480 V at inside-delta circuit at 50 °C rated value     1700 PC       • cortatircation of nutle front according to IEC 60529     Intervertion of Conformity       • cocc     Confirmation       •	operating power [hp] for 3-phase moto	ors			
• at 220/230 V at 50 °C rated value     30 hp       • at 460/480 V at 50 °C rated value     75 hp       • at 250/230 V at inside-delta circuit at 50 °C rated     50 hp       • at 220/230 V at inside-delta circuit at 50 °C rated     60 hp       • at 460/480 V at inside-delta circuit at 50 °C rated     60 hp       • at 250/230 V at inside-delta circuit at 50 °C rated     60 hp       • at 420/480 V at inside-delta circuit at 50 °C rated     105 hp       • at 420/480 V at inside-delta circuit at 50 °C rated     105 hp       • at 250/230 V at inside-delta circuit at 50 °C rated     105 hp       • at 420/480 V at inside-delta circuit at 50 °C rated     105 hp       • at 250/230 V at inside-delta circuit at 50 °C rated     105 hp       • context rating of auxiliary contacts according to IEC     8300-B300       Safety related data     Inger-safe, for vertical contact from the front with cover       inaccordance with IEC 60947-4-2     Inger-safe, for vertical contact from the front with cover       inaccordance with IEC 60947-4-2     EMC       Confirmation     Imger-safe, for vertical contact from the front with cover       inaccordance with IEC 60947-4-2     Imger-safe, for vertical contact from the front with cover       inaccordance with IEC 60947-4-2     Imger-safe, for vertical contact from the front with cover       inaccordance with IEC 60947     Imger-safe, for vertical contact from the front safe for vertical contact from the front with c	• at 200/208 V at 50 °C rated value		30 hp		
<ul> <li>at 460/480 V at 50 °C rated value</li> <li>at 575/600 V at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 420/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 420/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 420/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 420/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 420/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 420/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside-delta circuit at 50 °C rated value</li> <li>at 575/600 V at inside</li></ul>	<ul> <li>at 220/230 V at 50 °C rated value</li> </ul>				
• at 575/600 V at 50 °C rated value     100 hp       • at 200/208 V at inside-delta circuit at 50 °C rated value     50 hp       • at 400/480 V at inside-delta circuit at 50 °C rated value     60 hp       • at 400/480 V at inside-delta circuit at 50 °C rated value     125 hp       • at 400/480 V at inside-delta circuit at 50 °C rated value     130 hp       • at 400/480 V at inside-delta circuit at 50 °C rated value     150 hp       • orater traing of auxiliary contacts according to UL     R300-B300       Safety related data     IP00; IP20 with cover       forger-safe, for vertical contact from the front with cover     Inger-safe, for vertical contact from the front with cover       in accordance with IEC 60947.4-2     Inger-safe, for vertical contact from the front with cover       in accordance with IEC 60947.4-2     Inger-safe, for vertical contact from the front with cover       in accordance with IEC 60947.4-2     Inger-safe, for vertical contact from the front with cover       in accordance with IEC 60947.4-2     Inger-safe, for vertical contact from the front with cover       in accordance with IEC 60947.4-2     Inger-safe, for vertical contact from the front with cover       in accordance with IEC 60947.4-2     Inger-safe, for vertical contact from the front with cover       in accordance with IEC 60947.4-2     Inger-safe, for vertical contact from the front with cover       in accordance in IEC for vertification     Inger-safe, for vertical contact from the front with cover <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
• at 200/208 V at inside-delta circuit at 50 °C rated     50 hp       • at 220/230 V at inside-delta circuit at 50 °C rated     60 hp       • at 460/480 V at inside-delta circuit at 50 °C rated     125 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     150 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     150 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     150 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     150 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     150 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     150 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     150 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     150 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     150 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     160 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     160 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     160 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     160 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     160 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     160 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     160 hp       • at 350/200 V at inside-delta circuit at 50 °C rated     160 hp					
vilue     60 hp       • at 220/230 V at inside-delta circuit at 50 °C rated vilue     60 hp       • at 450/480 V at inside-delta circuit at 50 °C rated vilue     125 hp       • at 575/600 V at inside-delta circuit at 50 °C rated vilue     150 hp       • at 575/600 V at inside-delta circuit at 50 °C rated vilue     150 hp       • at 575/600 V at inside-delta circuit at 50 °C rated vilue     150 hp       • at 575/600 V at inside-delta circuit at 50 °C rated vilue     150 hp       • at 575/600 V at inside-delta circuit at 50 °C rated vilue     150 hp       • at 575/600 V at inside-delta circuit at 50 °C rated vilue     150 hp       • at 575/600 V at inside-delta circuit at 50 °C rated vilue     150 hp       • at 575/600 V at inside-delta circuit at 50 °C rated vilue     150 hp       • at 575/600 V at inside-delta circuit at 50 °C rated vilue     150 hp       • at 575/600 V at inside-delta circuit at 50 °C rated vilue     160 (IPO) (IP20 with cover       • at 55/600 V at inside-delta circuit at 50 °C rated vilue     160 (IPO) (IP20 with cover       • at 55/600 V at inside-delta circuit at 50 °C rated vilue     IPO0 (IP20 with cover       • at 55/600 V at inside-delta circuit at 50 °C rated vilue     IPO0 (IP20 with cover       • at 50 * Confirmation     IEC 60947-4-2       • at 50 * Confirmation     IEC 6010 (IEC 60947 · 4 · 2)       • at 50 * Confirmation     IES (IEC 60947 · 4 · 2)       • at 50 * Confirmation		at EO °C rated			
value     125 hp       • at 460/480 V at inside-delta circuit at 50 °C rated value     125 hp       • at 575/600 V at inside-delta circuit at 50 °C rated value     150 hp       context rating of auxiliary contacts according to UL     R300-B300       Safety related data     IP00; IP20 with cover       protection class IP on the front according to IEC     Inger-safe, for vertical contact from the front with cover       in accordance with IEC 60947-4-2     Inger-safe, for vertical contact from the front with cover       electromagnetic compatibility     in accordance with IEC 60947-4-2       Confirmation     EMC       Confirmation     EMC       Object     Inger-safe, for vertical contact from the front with cover       in accordance with IEC 60947-4-2     EMC       Confirmation     EMC       Object     Inger-safe, for vertical contact from the front with cover       in accordance with IEC 60947-4-2     EMC       Confirmation     EMC       Image: Safe approval     EMC       Image: Safe approval     Image: Safe approval       Image: Safe approva	value				
value • at 575/600 V at inside-delta circuit at 50 °C rated value contact rating of auxiliary contacts according to UL R300-B300 Safety related data protection class IP on the front according to IEC 6523 touch protection on the front according to IEC 6529 electromagnetic compatibility raccordance with IEC 60947-4-2 Certificates/ approvals Centificates/ approvals Centificates Centificates Centificates Centificates Centificates Centificates Centificates Centificates Centificates Centificates Centificates Centificates Centificates Centificates Centificates Centificates Centificates Centificates Centificate Centificate Centificate Centificate Centificate Centificate Centificate Centificate Centificate Centificate Centificate Centificate Centificate Centificate Centificate Centificate Centificate Centificate Centificate Set Centificate Set Centificate Set Centificate Set Set Centificate Set Set Centificate Set Set Centificate Set Set Set Set Set Set Set	value				
value     R300-B300       Safety rolated data     IP00; IP20 with cover       protection class IP on the front according to IEC     IP00; IP20 with cover       dots/protection on the front according to IEC 60529     Inger-safe, for vertical contact from the front with cover       electromagnetic compatibility     in accordance with IEC 60947-4-2       Certificates/ approvals     EMC       Certificates/ approvals     EMC       Oeclaration of Conformity     Test Certificates     Marine / Shipping       UKE     Excert     If yoe Test Certificates/ asproved     EMC       Marine / Shipping     other       Marine / Shipping     other       If yoe Confirmation     If yoe Test Certificates/ asproved     If yoe Test Certificates/ asproved		at 50 °C rated	125 hp		
Safety related data       Protection class IP on the front according to IEC       IP00; IP20 with cover         iouch protection on the front according to IEC 60529       Inger-safe, for vertical contact from the front with cover         iouch protection on the front according to IEC 60529       Inger-safe, for vertical contact from the front with cover         in accordance with IEC 60947-4-2       Inger-safe, for vertical contact from the front with cover         Certificates/ approvals       EMC         General Product Approval       EMC         Declaration of Conformity       Test Certificates         Marine / Shipping       Type Test Certificates         Marine / Shipping       other         Image: Safe Report       Confirmation		at 50 °C rated	150 hp		
protection class IP on the front according to IEC       IP00; IP20 with cover         68529       touch protection on the front according to IEC 60529       finger-safe, for vertical contact from the front with cover         electromagnetic compatibility       in accordance with IEC 60947-4-2       Cortificates/ approvals         Certificates/ approvals       EMC         See Confirmation       EMC         Declaration of Conformity       Test Certificates         Marine / Shipping       Type Test Certific- ates/Test Report         Marine / Shipping       other         Marine / Shipping       other	contact rating of auxiliary contacts acc	cording to UL	R300-B300		
60529         touch protection on the front according to IEC 60529         electromagnetic compatibility         EMC         Cortificates/ approvals         General Product Approval         EMC         Optimization of Conformity         Confirmation         Confirmation         Confirmation         Confirmation         Optimization of Conformity         Type Test Certificates         Marine / Shipping         Marine / Shipping         Marine / Shipping         Optimization         Confirmation         Confirmation         Confirmation         Optimization of Conformity         Type Test Certificates         Marine / Shipping         Marine / Shipping         Optimization         Confirmation	Safety related data				
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electromagnetic compatibility in accordance with IEC 60947-4-2 Certificates/ approvals General Product Approval EMC Confirmation Ccc Ccc Ccc Ccc Ccc Ccc Ccc Cc	touch protection on the front accordin	g to IEC 60529	finger-safe, for vertical of	contact from the front wit	h cover
Certificates/ approvals         EMC         General Product Approval       Confirmation       EMC         Declaration of Conformity       Test Certificates       Marine / Shipping         UKS       Efficience       Efficience       Efficience         Marine / Shipping       other       Efficience       Efficience         Marine / Shipping       other       Confirmation       Efficience       Efficience         Marine / Shipping       other       Confirmation       Efficience       Efficience         Marine / Shipping       other       Confirmation       Efficience       Efficience       Efficience		<u> </u>			
General Product Approval       EMC         Image: Confirmation of Conformity       Image: Confirmation of Confirmation of Confirmation of Confirmation of Confirmation       Image: Confirmation of Confirmation       Image: Confirmation of Con			In accordance with IEC	60947-4-2	
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UK EGE   EGE Type Test Certific- ates/Test Report     Marine / Shipping     other     Confirmation	Certificates/ approvals	Confirmatic		60947-4-2 FAC	ЕМС
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UK EGE   EGE Type Test Certific- ates/Test Report     Image: Second Confirmation     Marine / Shipping     other     Image: Confirmation	Certificates/ approvals	Confirmatio		ERC	EMC EMC RCM
UK EGE   EGE Type Test Certific- ates/Test Report     Marine / Shipping     other     Confirmation	Certificates/ approvals	Confirmatio		ERC	EMC ECM
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Further information
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=3RW5234-2AC05
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5234-2AC05
Service&Support (Manuals, Certificates, Characteristics, FAQs,)
https://support.industry.siemens.com/cs/ww/en/ps/3RW5234-2AC05
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5234-2AC05⟨=en
Characteristic: Tripping characteristics, I <sup>2</sup> t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RW5234-2AC05/char Characteristic: Installation altitude http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5234-2AC05&objecttype=14&gridview=view1 Simulation Tool for Soft Starters (STS) https://support.industry.siemens.com/cs/ww/en/view/101494917

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