## SIEMENS

## Data sheet

## 3RW5243-6TC15



SIRIUS soft starter 200-600 V 210 A, 110-250 V AC Screw terminals Thermistor input

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>	3VA2325-7MN32-0AA0: Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3VA2325-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of circuit breaker usable at 400 V at inside-delta circuit</li> </ul>	<u>3VA2440-7MN32-0AA0: Type of coordination 1. lq = 65 kA. CLASS 10</u>
<ul> <li>of circuit breaker usable at 500 V at inside-delta circuit</li> </ul>	3VA2440-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	2x3NA3354-6; Type of coordination 1, Iq = 65 kA
$\bullet$ of the gG fuse usable at inside-delta circuit up to 500 V	2x3NA3354-6; 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>3NE1230-2; 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>3NE3333; Type of coordination 2, Iq = 65 kA</u>
General technical data	
starting voltage [%]	30 100 %
stopping voltage [%]	50 50 %
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 is supported	
HMI-Standard	Yes
HMI-High Feature	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 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
utilization category acc. to IEC 60947-4-2	AC 53a
reference code acc. to IEC 81346-2	Q
Substance Prohibitance (Date)	15.02.2018 00:00:00
product function	13.02.2010 00.00.00
ramp-up (soft starting)	Yes
<ul> <li>ramp-up (soft starting)</li> <li>ramp-down (soft stop)</li> </ul>	Yes
Soft Torque	Yes
adjustable current limitation	Yes
-	Yes
pump ramp down     intrinsis dowing protoction	Yes
intrinsic device protection	
<ul> <li>motor overload protection</li> </ul>	Yes; Full motor protection (thermistor motor protection and electronic motor overload protection)
<ul> <li>evaluation of thermistor motor protection</li> </ul>	Yes; Type A PTC or Klixon / Thermoclick
<ul> <li>inside-delta circuit</li> </ul>	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
<ul> <li>error logbook</li> </ul>	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
<ul> <li>analog output</li> </ul>	No
Power Electronics	
operational current	
• at 40 °C rated value	210 A
• at 50 °C rated value	186 A
• at 60 °C rated value	170 A
operational current at inside-delta circuit	
<ul> <li>at 40 °C rated value</li> </ul>	364 A
• at 50 °C rated value	322 A
• at 60 °C rated value	294 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	-15 %
inside-delta circuit	

relative positive tolerance of the operating voltage at inside-delta circuit	10 %
operating power for 3-phase motors	
<ul> <li>at 230 V at 40 °C rated value</li> </ul>	55 kW
<ul> <li>at 230 V at inside-delta circuit at 40 °C rated value</li> </ul>	110 kW
<ul> <li>at 400 V at 40 °C rated value</li> </ul>	110 kW
<ul> <li>at 400 V at inside-delta circuit at 40 °C rated value</li> </ul>	200 kW
<ul> <li>at 500 V at 40 °C rated value</li> </ul>	132 kW
<ul> <li>at 500 V at inside-delta circuit at 40 °C rated value</li> </ul>	250 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>	90 A
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	98 A
<ul> <li>at rotary coding switch on switch position 3</li> </ul>	106 A
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	114 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	122 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	130 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	138 A
<ul> <li>at rotary coding switch on switch position 8</li> </ul>	146 A
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	154 A
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	162 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	170 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	178 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	186 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	194 A
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	202 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	210 A
• minimum	90 A
adjustable motor current	
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> </ul>	156 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>	170 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>	184 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>	197 A
• for inside-delta circuit at rotary coding switch on switch position 5	211 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> </ul>	225 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> <li>for inside data circuit at rotary coding switch on</li> </ul>	239 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</li> </ul>	253 A 267 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</li> </ul>	281 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	294 A
<ul> <li>for inside-delta circuit at rotary coding switch on</li> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	308 A
<ul> <li>for inside delta circuit at rotary coding switch on</li> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	322 A
<ul> <li>switch position 13</li> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	336 A
<ul> <li>switch position 14</li> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	350 A
switch position 15	

type of voltage of the control supply voltage         AC           control supply voltage at AC         at 80 Hz           at 80 Hz         110 250 V           relative negative tolerance of the control supply         -15 %           voltage at AC at 60 Hz         10 %           relative positive tolerance of the control supply         -15 %           voltage at AC at 60 Hz         10 %           relative negative tolerance of the control supply         -15 %           voltage at AC at 60 Hz         -15 %           relative positive tolerance of the control supply         -15 %           voltage at AC at 60 Hz         -10 %           control supply voltage frequency         50 60 Hz           relative positive tolerance of the control supply         -10 %           voltage frequency         20 mA           control supply current in standby mode rated value         30 mA           holding current peak at application of control supply voltage         12.2 A           maximum         2.2 ms           innish current peak at application of control circuit         4 g G fusic (icu=1 kA), 6 quick-acting fuse (icu=1 kA), C1 miniature circuit breaker (icu= 800 A), G6 miniature circuit breaker (icu= 300 A), is not parameterizable           design of short-circuit protection for control circuit         1 Type A PTC or Klixon / Thermoclick		
• is inside-oble is inside oble is insind oble is inside oble is inside oble is inside oble is inside o	<ul> <li>for inside-delta circuit at rotary coding switch on</li> </ul>	364 A
minimum load [%]         15 %; Relative to smallest settable le           power toss [W] for rated value of the current at AC         75 W           e it 60 °C after startup         68 W           e it 60 °C after startup         68 W           e it 60 °C after startup         68 W           e it 60 °C after startup         25 W           power toss [W] at AC at current limitation 360 %.         3 562 W           e it 60 °C during startup         2 817 W           control supply voltage at AC         2 817 W           control supply voltage at AC         60 °C during startup           e it 60 °C during startup         2 817 W           control supply voltage at AC         10 250 V           control supply voltage at AC it 50 Hz         110 250 V           relative negative tolerance of the control supply         10 %           voltage at AC it 50 Hz         10 %           relative negative tolerance of the control supply         10 %           voltage at AC it 60 Hz         10 %           relative negative tolerance of the control supply         10 %           voltage frequency         50 60 Hz           relative negative tolerance of the control supply         10 %           voltage frequency         10 %           relative negative tolerance of the contr	switch position 16	
power loss [W] for rated value of the current at AC <ul> <li>it do 'C after startup</li> <li>it do 'C during strutup</li> <li>it do 'L during strut</li></ul>	<ul> <li>at inside-delta circuit minimum</li> </ul>	156 A
• at 0 ° c after startup75 W• at 80 ° C after startup68 W• at 60 ° C after startup68 W• at 60 ° C during strup350 °C• at 60 ° C during strup2 979 W• at 60 ° C during strup10 °C• at 60 ° C during strup10 °C• at 60 ° C during strup10 °C• at 60 ° C during strup10 %• at 60 ° C during strup10 °C• at 60 ° C	minimum load [%]	15 %; Relative to smallest settable le
• at 0 ° c after startup75 W• at 80 ° C after startup68 W• at 60 ° C after startup68 W• at 60 ° C during strup350 °C• at 60 ° C during strup2 979 W• at 60 ° C during strup10 °C• at 60 ° C during strup10 °C• at 60 ° C during strup10 °C• at 60 ° C during strup10 %• at 60 ° C during strup10 °C• at 60 ° C	power loss [W] for rated value of the current at AC	
• • 16 0 °C after starup66 W• • 16 0 °C diter starup66 W• • 16 0 °C duting starup3 562 W• • 16 0 °C duting starup3 562 W• • 16 0 °C duting starup2 617 W• • 16 0 °C duting starup2 617 W• • 16 0 °C duting starup2 617 W• • 16 0 °C duting starup7 0 %• • 16 0 °C duting starup6 °C M• • 16 0 °C duting starup7 0 %• • 16 0 °C duting starup7 0 %• • 16 0 °C duting starup10 250 V• • 16 0 °C duting starup10 250 V• • 16 0 °C duting starup10 %• • • 16 0 °C duting starup10 %• • • 16 °C duting starup10 %• • • 16 °C duting starup10 %• • • • 16 °C duting starup10 %• • • • • • • • • • • • • • • • • • •		75 W
• at 80 °C after startup         63 W           power loss (W) at AC at current limitation 350 %         3 652 W           • at 60 °C during startup         2 979 W           • at 60 °C during startup         2 979 W           • at 60 °C during startup         2 877 W           Control circult/ Control         Control supply voltage           • at 60 °C during startup         AC           • at 60 °C during startup         10 250 V           • at 60 °C at 50 °FZ         110 250 V           • at 60 °FZ         10 %           • control supply         10 %           • control supply voltage frequency         50 60 °FZ           • control supply voltage frequency         10 %           • control supply voltage frequency         10 %           • control supply voltage frequency         10 %           • control supply voltage frequency <t< th=""><th></th><th></th></t<>		
power loss [W] at AC at current limitation 350 %         a 562 W           at 60 °C during startup         2 579 W           at 60 °C during startup         2 617 W           Control supply voltage of the control supply voltage         AC           Control supply voltage of the control supply voltage         AC           control supply voltage of the control supply voltage at AC at 60 Hz         110 250 V           eit 60 Nz         110 250 V           eit 60 Az         110 250 V           relative negative tolerance of the control supply         -15 %           relative negative tolerance of the control supply         -15 %           voltage at AC at 60 Hz         10 %           relative negative tolerance of the control supply         -16 %           voltage at AC at 60 Hz         10 %           control supply voltage frequency         50 60 Hz           relative negative tolerance of the control supply         -10 %           voltage frequency         -10 %           control supply voltage frequency         50 60 Hz           relative negative tolerance of the control supply         -10 %           voltage at AC at 60 Hz         -10 %           control supply voltage frequency         -10 %           relative negative tolerance of the control supply         -10 %	·	
• at 40°C during startup     3 562 W       • at 60°C during startup     2 973 W       • at 60°C during startup     2 973 W       • at 60°C during startup     2 973 W       Control supply collage at AC     • at 50 Hz       • at 50 Hz     110 250 V       • at 60 Hz     10 %       • at 60 Hz     10 %       • at 60 Hz     10 %       • ottage at AC at 50 Hz     10 %       • relative positive tolerance of the control supply     10 %       • ottage at AC at 50 Hz     10 %       • relative positive tolerance of the control supply     10 %       • ottage at AC at 50 Hz     10 %       • relative positive tolerance of the control supply     10 %       • ottage at AC at 50 Hz     10 %       • control supply outage at AC at 50 Hz     10 %       • control supply outage of the control supply     10 %       • control supply current in standby mode rated value     30 mA       holding current in bysas operation rated value     10 mA       locked-rotor current toles of bypas control supply voltage maximum     22 A       maximum     22 A </th <th></th> <th>03 VV</th>		03 VV
• at 50 °C during startup     2 979 W       • at 60 °C during startup     2 617 W       Control Ginerul Control     2 617 W       Source Ginerul Control     AC       control supply voltage at AC     110 260 V       • at 60 1/2     15 %       • relative negative tolerance of the control supply     15 %       voltage at AC at 60 1/2     -15 %       • relative negative tolerance of the control supply     10 %       voltage at AC at 60 1/2     -10 %       • relative negative tolerance of the control supply     10 %       voltage frequency     60 60 1/2       • relative negative tolerance of the control supply     10 %       voltage frequency     10 %       • relative negative tolerance of the control supply     10 %       voltage frequency     10 %       • relative negative tolerance of the control supply     10 %       voltage frequency     10 %       • relative negative tolerance of the control supply     10 %       • relative negative tolerance of the control supply     10 %       • relative negative tolerance of the control supply     10 % </th <th></th> <th></th>		
• at 60 °C during startup         2 617 W           Control clucul/ Control         W           (pop of vollage of the control supply voltage at AC         AC           • at 50 Hz         110 250 V           • at 60 1z         110 250 V           relative negative tolerance of the control supply         15 %           voltage at AC at 50 Hz         15 %           relative positive tolerance of the control supply         15 %           voltage at AC at 50 Hz         10 %           relative negative tolerance of the control supply         10 %           voltage at AC at 60 Hz         10 %           relative positive tolerance of the control supply         10 %           voltage at AC at 60 Hz         10 %           control supply voltage frequency         50 60 Hz           relative positive tolerance of the control supply         10 %           voltage frequency         10 %           relative positive tolerance of the control supply         10 %           voltage frequency         2.2 A           relative positive tolerance of the control supply         10 %           totage frequency         10 %           control supply current in standby mode rated value         30 mA           holding current in standby mode rated value         10 mA     <	<b>o i</b>	3 562 W
Control circuit/ Control         AC           control supply voltage at AC         AC           • at 50 Hz         110 250 V           • at 60 hz         110 250 V           • relative negative tolerance of the control supply         15 %           voltage at AC at 50 Hz         10 250 V           • relative negative tolerance of the control supply         15 %           voltage at AC at 50 Hz         10 %           relative negative tolerance of the control supply         10 %           voltage at AC at 60 Hz         -15 %           relative negative tolerance of the control supply         10 %           voltage at AC at 60 Hz         -10 %           relative negative tolerance of the control supply         10 %           voltage at AC at 60 Hz         -10 %           relative negative tolerance of the control supply         10 %           voltage frequency         50 60 Hz           relative negative tolerance of the control supply         10 %           voltage frequency         20 mA           relative negative tolerance of the control supply         10 %           voltage frequency         22 A           control supply current in standby mode rated value         100 mA           locked-rotor current at close of bypass contact         22 A	<ul> <li>at 50 °C during startup</li> </ul>	2 979 W
type of voltage of the control supply voltage         AC           control supply voltage at AC         at 80 Hz           at 80 Hz         110 250 V           relative negative tolerance of the control supply         -15 %           voltage at AC at 60 Hz         10 %           relative positive tolerance of the control supply         -15 %           voltage at AC at 60 Hz         10 %           relative negative tolerance of the control supply         -15 %           voltage at AC at 60 Hz         -15 %           relative positive tolerance of the control supply         -15 %           voltage at AC at 60 Hz         -10 %           control supply voltage frequency         50 60 Hz           relative positive tolerance of the control supply         -10 %           voltage frequency         20 mA           control supply current in standby mode rated value         30 mA           holding current peak at application of control supply voltage         12.2 A           maximum         2.2 ms           innish current peak at application of control circuit         4 g G fusic (icu=1 kA), 6 quick-acting fuse (icu=1 kA), C1 miniature circuit breaker (icu= 800 A), G6 miniature circuit breaker (icu= 300 A), is not parameterizable           design of short-circuit protection for control circuit         1 Type A PTC or Klixon / Thermoclick	<ul> <li>at 60 °C during startup</li> </ul>	2 617 W
A 150 Hz       110 250 V         • at 50 Hz       110 250 V         relative negative tolerance of the control supply       -15 %         voltage at AC at 50 Hz       110 250 V         relative negative tolerance of the control supply       -15 %         voltage at AC at 50 Hz       10 %         relative negative tolerance of the control supply       10 %         voltage at AC at 50 Hz       10 %         relative negative tolerance of the control supply       10 %         voltage at AC at 60 Hz       50 60 Hz         relative negative tolerance of the control supply       10 %         voltage frequency       50 60 Hz         relative negative tolerance of the control supply       10 %         voltage frequency       50 60 Hz         control supply voltage frequency       10 %         relative negative tolerance of the control supply       10 %         voltage frequency       2.2 A         control supply voltage frequency       2.2 A         naximum       10 mA         locked-rotor current at close of bypass contact       2.2 A         design of the overvoltage protection       4.2 gG fuse (lcu=1 kA), 6.4 quick-acting fuse (lcu=1 kA), C1 miniature circuit breaker (lcu= 300 A), l5 miniature circuit breaker (lcu= 300 A), l5 miniature circuit breaker (lcu= 300 A), l	Control circuit/ Control	
control supply voltage at AC       110 250 V         • at 50 Hz       110 250 V         relative negative tolerance of the control supply       -15 %         voltage at AC at 50 Hz       10 %         relative positive tolerance of the control supply       10 %         voltage at AC at 50 Hz       10 %         relative positive tolerance of the control supply       15 %         voltage at AC at 60 Hz       10 %         relative negative tolerance of the control supply       15 %         voltage at AC at 60 Hz       10 %         relative negative tolerance of the control supply       10 %         voltage frequency       50 60 Hz         relative negative tolerance of the control supply       10 %         voltage frequency       50 60 Hz         relative positive tolerance of the control supply       10 %         voltage frequency       50 60 Hz         control supply ourrent in standby mode rated value       30 mA         holding current net at application of control supply voltage       12.2 A         maximum       2.2 ms         supply voltage       4.2 G Star (Lou HA), 6.4 quick-acting fuse (Lou HA), C1 miniature circuit breaker (Lou S00 A), C6 miniature circuit breaker (Lou S00 A), 16 miniature circuit breaker (Lou S00 A), 16 miniature circuit breaker (Lou S00 A), 16 miniature circuit breaker (Lou	type of voltage of the control supply voltage	AC
• at 50 Hz     110 250 V       • at 60 Hz     110 250 V       relative negative tolerance of the control supply voltage at AC at 50 Hz     15 %       relative 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 positive tolerance of the control supply voltage at AC at 60 Hz     10 %       control supply voltage frequency     50 60 Hz       relative positive tolerance of the control supply voltage frequency     10 %       control supply voltage frequency     10 %       relative positive 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       locked-rotor current tables of bypass contact maximum     22 A       duration of inrush current peak at application of control supply voltage     2.2 ms       duration of inrush current peak at application of control supply voltage     1       number of digital inputs     1       number of digital inputs     1       number of digital outputs     2       oit part of scope of supply     2       inture of the relay outputs     2       oit part of slight output version     1       number of digital outputs     1       oit		
• at 60 Hz       110 250 V         relative negative tolerance of the control supply       15 %         voltage at AC at 50 Hz       10 %         relative positive tolerance of the control supply       10 %         voltage at AC at 50 Hz       10 %         relative negative tolerance of the control supply       10 %         voltage at AC at 60 Hz       10 %         relative positive tolerance of the control supply       10 %         voltage at AC at 60 Hz       10 %         control supply voltage frequency       50 60 Hz         relative positive tolerance of the control supply       -10 %         voltage frequency       10 %         relative positive tolerance of the control supply       -10 %         voltage frequency       10 %         control supply current in standby mode rated value       30 mA         holding current in bypass operation rated value       100 mA         locked-rotor current peak at application of control supply voltage       22 A         maximum       22 A         maximum       22 A         duration of inush current peak at application of control circuit       22 A         design of short-circuit protection for control circuit       4 Ag Gs fuse (lou=1 kA), 6 A quick-acting fuse (lou=1 kA), C1 miniature circuit breaker (lou=300 A); Is not parameterizable<		110 250 V
relative negative tolerance of the control supply voltage at AC at 50 Hz     -15 %       relative positive tolerance of the control supply voltage at AC at 50 Hz     10 %       relative positive tolerance of the control supply voltage at AC at 60 Hz     -15 %       relative positive tolerance of the control supply voltage at AC at 60 Hz     0 %       control supply voltage frequency     50 60 Hz       relative negative tolerance of the control supply voltage frequency     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 bypass operation rated value     30 mA       lockd-rotor current at close of bypass contact     2.2 A       maximum     12.2 A       duration of inrush current peak at application of control supply voltage     12.2 A       design of the overvoltage protection     Varistor       4 A gG fuse (loc=1 kA), 6 A quick-acting fuse (loc=1 kA), C1 miniature circuit breaker (loc=600 A), C6 miniature circuit breaker (loc=300 A); Is not part of sope of supply       number of digital inputs     1       number of digital outputs     3       • not para of scope of supply     2       digital output serion     2 normally-open contacts (NO) / 1 changeover contact (CO)       number of analgo outputs     3 A <t< th=""><th></th><th></th></t<>		
voltage af AC at 50 Hz         10 %           relative positive tolerance of the control supply voltage af AC at 50 Hz         10 %           relative negative tolerance of the control supply voltage af AC at 60 Hz         15 %           relative positive tolerance of the control supply voltage af AC at 60 Hz         10 %           control supply voltage frequency         50 60 Hz           relative negative tolerance of the control supply voltage frequency         50 60 Hz           relative positive tolerance of the control supply voltage frequency         10 %           relative positive tolerance of the control supply voltage frequency         10 %           control supply current in standby mode rated value         30 mA           holding current in bypass operation rated value         100 mA           locked-rotor current peak at application of control supply voltage         2.2 A           duration of inrush current peak at application of control supply voltage         2.2 ms           design of short-circuit protection for control circuit         4 A gG fuse (lcu=1 kA), 6 A quick-acting fuse (lcu=300 A), 1s not part of scope of supply           number of digital inputs         1           number of digital inputs         1           number of digital outputs         3           ot and couplably outputs         3           ot A C-15 at 250 V rated value         3 A		
relative positive tolerance of the control supply voltage at AC at 60 Hz       10 %         relative negative tolerance of the control supply voltage at AC at 60 Hz       15 %         relative negative tolerance of the control supply voltage frequency       50 60 Hz         relative negative tolerance of the control supply voltage frequency       50 60 Hz         relative negative tolerance of the control supply voltage frequency       10 %         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 bypass operation rated value       100 mA         locked-rotor current at close of bypass contact       2.2 A         maximum       12.2 A         duration of inrush current peak at application of control supply voltage       2.2 ms         design of the overvoltage protection       Varistor         number of ligital inputs       1         number of digital inputs       1         number of digital output       3         o not parameterizable       2         digital output version       2 normally-open contacts (NO) / 1 changeover contact (CO)         number of analog outputs       3 A         o ta DC-13 at 24 V rated value       3 A		-15 %
voltage at AC at 50 Hz         -15 %           relative negative tolerance of the control supply voltage at AC at 60 Hz         -15 %           relative positive tolerance of the control supply voltage at AC at 60 Hz         10 %           control supply voltage frequency         50 60 Hz           relative negative tolerance of the control supply voltage frequency         10 %           relative negative tolerance of the control supply voltage frequency         10 %           relative positive tolerance of the control supply voltage frequency         10 %           control supply current in standby mode rated value         30 mA           holding current in bypass operation rated value         100 mA           locked-rotor current at close of bypass contact maximum         2.2 A           inrush current peak at application of control supply voltage         2.2 ms           design of the overvoltage protection         Varistor           design of short-circuit protection for control circuit         4 A gG fuse ((cu=1 kA), 6 A quick-acting fuse ((cu=300 A); 1s not part of scope of supply)           inputs/ Outputs         1           number of digital outputs         1           number of digital outputs         2           i on t parameterizable         2           i at AC-15 at 29 V rated value         3A           i at AC-15 at 24 V rated value         3A<		10 %
relative negative tolerance of the control supply voltage at AC at 60 Hz       -15 %         relative positive tolerance of the control supply voltage at AC at 60 Hz       50 60 Hz         control supply voltage frequency       -10 %         relative nogative tolerance of the control supply voltage frequency       -10 %         relative nogative tolerance of the control supply voltage frequency       -10 %         control supply current in standby mode rated value       10 mA         holding current in byass operation rated value       10 mA         locked-rotor current at close of bypass contact maximum       2.2 A         inrush current peak at application of control supply voltage maximum       2.2 ms         duration of inrush current peak at application of control circuit supply voltage       2.2 ms         design of the overvoltage protection       Varistor         design of short-circuit protection for control circuit supply voltage       1         number of digital inputs       1         number of digital outputs       2         number of digital outputs       2         e not parameterizable       2         e at Qc-15 at 280 V rated value       3A         i A C-15 at 280 V rated value       3A         i A C-15 at 280 V rated value       3A         i A co-15 at 280 V rated value       3A <t< th=""><th></th><th>10 %</th></t<>		10 %
voltage at ÅC at 60 Hz         Image: Non-Section Section Sect		15 %
relative positive tolerance of the control supply voltage at AC at 60 Hz         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       10 %         control supply current in standby mode rated value       30 mA         holding current in bypass operation rated value       100 mA         locked-rotor current at close of bypass contact maximum       2.2 A         inush current peak at application of control supply voltage       12.2 A         duration of inrush current peak at application of control supply voltage       2.2 ms         design of the overvoltage protection       Varistor         design of short-circuit protection for control circuit       Varistor         number of digital inputs       1         number of digital inputs       1         number of digital outputs       3         • not parameterizable       2         0       sitching capacity current of the relay outputs         • at DC-15 at 250 V rated value       3 A         • at DC-15 at 250 V rated value       1 A         Installation/ dimensions       with vertical mounting surface +/-90" rotatable, with vertical mounting surface +/-22.5" titlable to the front and back		-15 %
voltage at AC at 60 Hz         50 60 Hz           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 bypass operation rated value         10 mA           locked-rotor current at close of bypass contact         30 mA           maximum         12.2 A           duration of inrush current peak at application of control supply voltage design of the overvoltage protection         2.2 ms           design of the overvoltage 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 parametrizable           number of digital inputs         1           number of digital inputs         1           number of aligital outputs         3           • not parametrizable         2           at AC-15 at 250 V rated value         3 A           • at 2C-15 at 250 V rated value         3 A           • at 2C-15 at 250 V rated value         3 A           • at 2C-15 at 250 V rated value         3 A           • at 2C-15 at 250 V rated value         3 A           • at 2C-15 at 250 V rated value         3 A           • at 2C-13 at 24 V rat		10 %
control supply voltage frequency     50 60 Hz       relative negative tolerance of the control supply voltage frequency     -10 %       relative positive tolerance of the control supply voltage frequency     10 %       control supply current in standby mode rated value     30 mA       holding current in bypass operation rated value     100 mA       locked-rotor current at close of bypass contact     2.2 A       maximum     12.2 A       duration of inrush current peak at application of control supply voltage maximum     2.2 ms       duration of inrush current peak at application of control supply voltage     2.2 ms       design of the overvoltage protection     Varistor       design of short-circuit protection for control circuit     4 A gG fuse (lcu=1 kA), 6 A quick-acting fuse (lcu=1 kA), C1 miniature circuit breaker (lcu= 600 A), C6 miniature circuit breaker (lcu= 300 A); Is not part of scope of supply       number of digital inputs     1       number of digital inputs     1       number of digital uputs     2       e not parameterizable     2       digital output version     2 normally-open contacts (NO) / 1 changeover contact (CO)       number of analog outputs     3 A       e at AC-15 at 250 V rated value     3 A       e at AC-15 at 250 V rated value     3 A       e at AC-15 at 250 V rated value     3 A       e at AC-15 at 250 V rated value     3 A		
relative negative tolerance of the control supply voltage frequency       -10 %         relative positive tolerance of the control supply voltage frequency       10 %         control supply current in standby mode rated value       30 mA         holding current in bypass operation rated value       00 mA         locked-rotor current at close of bypass contact maximum       2.2 A         duration of inrush current peak at application of control supply voltage       2.2 ms         duration of inrush current peak at application of control supply voltage       2.2 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         number of digital inputs       1         number of digital inputs       1         number of digital outputs       3         o not parameterizable       2         digital output version       2 normally-open contacts (NO) / 1 changeover contact (CO)         number of analog outputs       3 A         • at Dc-13 at 24 V rated value       1 A         Installation/ mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° titable to the front and back         fastening method       screw fixing		- 50 60 Hz
voltage frequency         10           relative positive tolerance of the control supply voltage frequency         30 mA           control supply current in standby mode rated value         30 mA           holding current in bypass operation rated value         100 mA           locked-rotor current at close of bypass contact         2.2 A           maximum         12.2 A           inrush current peak at application of control supply voltage         2.2 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           number of digital inputs         1           number of digital outputs         3           i not parameterizable         2           digital output version         2 normally-open contacts (NO) / 1 changeover contact (CO)           number of analog outputs         3 A           i at AC-15 at 250 V rated value         3 A           i at AC-15 at 250 V rated value         1 A           Installation/ mounting/ dimensions         3 A           i at AC-15 at 250 V rated value         3 A           i at AC-15 at 250 V rated value         3 A           i at AC-15 at 250 V rate		-10 %
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locked-rotor current at close of bypass contact maximum2.2 Ainrush current peak at application of control supply voltage maximum12.2 Aduration of inrush current peak at application of control supply voltage2.2 msdesign of the overvoltage protection2.2 msdesign of short-circuit protection for control circuit4 A gG fuse (lcu=1 kA), 6 A quick-acting fuse (lcu=1 kA), C1 miniature circuit breaker (lcu= 600 A), C6 miniature circuit breaker (lcu= 300 A); Is not part of scope of supplyInputs/ Outputs1number of digital inputs1number of digital outputs3• not parameterizable2digital output version2 normally-open contacts (NO) / 1 changeover contact (CO)number of analog outputs3 A• at AC-15 at 250 V rated value3 A• at DC-13 at 24 V rated value1 AInstallation/ mounting verticed value3 A• at BC-13 at 24 V rated value3 Ai at Bornation3 A	holding current in bypass operation rated value	100 mA
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maximum       2.2 ms         duration of inrush current peak at application of control supply voltage       2.2 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       1         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       0         • 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 +/- 22.5° tiltable to the front and back         fastening method       screw fixing         height       393 mm		
supply voltagedesign of the overvoltage protectionVaristordesign of short-circuit protection for control circuit4 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 supplyInputs/ Outputs1number of digital inputs1number of digital outputs3• not parameterizable2digital output version2 normally-open contacts (NO) / 1 changeover contact (CO)number of analog outputs0• at AC-15 at 250 V rated value3 A• at DC-13 at 24 V rated value3 A• at DC-13 at 24 V rated value1 AInstallation/ mounting/ dimensionswith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and backfastening methodscrew fixingheight393 mm		12.2 A
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       1         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       0         • 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 +/-22.5° tiltable to the front and back         fastening method       screw fixing         height       393 mm		2.2 ms
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 inputs for thermistor connection       1; Type A PTC or Klixon / Thermoclick         number of digital outputs       3         • not parameterizable       2         digital output version       2 normally-open contacts (NO) / 1 changeover contact (CO)         number of analog outputs       0         switching capacity current of the relay outputs       3         • 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 +/-22.5° tiltable to the front and back         fastening method       screw fixing         height       393 mm	design of the overvoltage protection	Varistor
number of digital inputs       1         number of inputs for thermistor connection       1; Type A PTC or Klixon / Thermoclick         number of digital outputs       3         • not parameterizable       2         digital output version       2 normally-open contacts (NO) / 1 changeover contact (CO)         number of analog outputs       0         switching capacity current of the relay outputs       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 surface +/-22.5° tiltable to the front and back         fastening method       screw fixing         height       393 mm	design of short-circuit protection for control circuit	circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is
number of digital inputs       1         number of inputs for thermistor connection       1; Type A PTC or Klixon / Thermoclick         number of digital outputs       3         • not parameterizable       2         digital output version       2 normally-open contacts (NO) / 1 changeover contact (CO)         number of analog outputs       0         switching capacity current of the relay outputs       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 surface +/-22.5° tiltable to the front and back         fastening method       screw fixing         height       393 mm	Inputs/ Outputs	
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digital output version       2 normally-open contacts (NO) / 1 changeover contact (CO)         number of analog outputs       0         switching capacity current of the relay outputs       0         • 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° tiltable to the front and back         fastening method       screw fixing         height       393 mm		
number of analog outputs       0         switching capacity current of the relay outputs       0         • 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° tiltable to the front and back         fastening method       screw fixing         height       393 mm		
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• 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 +/- 22.5° tiltable to the front and back         fastening method       screw fixing         height       393 mm		U
• at DC-13 at 24 V rated value       1 A         Installation/ mounting/ dimensions       with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back         fastening method       screw fixing         height       393 mm		
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       393 mm		
mounting positionwith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and backfastening methodscrew fixingheight393 mm		1 A
fastening method     screw fixing       height     393 mm	Installation/ mounting/ dimensions	
height 393 mm	mounting position	
height 393 mm	fastening method	screw fixing
	width	210 mm
depth 203 mm		
•	•	
required spacing with side-by-side mounting		40
• forwards 10 mm	• Torwards	TU mm

• backwards	0 mm
• upwards	100 mm
• downwards	75 mm
• at the side	5 mm
weight without packaging	9.9 kg
Connections/ Terminals	
type of electrical connection	
for main current circuit	busbar connection
for control circuit	screw-type terminals
width of connection bar maximum	45 mm
wire length for thermistor connection	
• with conductor cross-section = 0.5 mm <sup>2</sup> maximum	50 m
• with conductor cross-section = 1.5 mm <sup>2</sup> maximum	150 m
• with conductor cross-section = 2.5 mm <sup>2</sup> maximum	250 m
type of connectable conductor cross-sections	
for DIN cable lug for main contacts stranded	2x (50 240 mm <sup>2</sup> )
for DIN cable lug for main contacts finely stranded	2x (70 240 mm²)
type of connectable conductor cross-sections	
for control circuit solid	1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> )
<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
<ul> <li>at AWG cables for control circuit solid</li> </ul>	1x (20 12), 2x (20 14)
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
tightening torque	
<ul> <li>for main contacts with screw-type terminals</li> </ul>	14 24 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>	124 210 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	
<ul> <li>during operation</li> </ul>	-25 +60 °C; Please observe derating at temperatures of 40 °C or above
<ul> <li>during storage and transport</li> </ul>	-40 +80 °C
environmental category	
• during operation acc. to IEC 60721	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6
• during storage acc. to IEC 60721	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
<ul> <li>during transport acc. 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	
of circuit breaker	
— usable for Standard Faults at 460/480 V	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq = 10 kA
— usable for High Faults at 460/480 V according to UL	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; lq max = 65 kA
according to UL — usable for High Faults at 460/480 V according	Siemens type: 3VA53, max. 400 A or 3VA54, max. 600 A; Iq max = 65

— usable for	Standard Faults at 460/4	180 V at	Siemens type: 3VA53, ma	ax. 400 A or 3VA54, m	ax. 600 A; Iq = 10 kA
	ircuit according to UL		,		
	High Faults at 460/480 V ccording to UL	/ at inside-	Siemens type: 3VA53, ma kA	ax. 400 A or 3VA54, m	ax. 600 A; lq max = 65
— usable for according to l	Standard Faults at 575/6 JL	600 V	Siemens type: 3VA53, ma	ax. 400 A or 3VA54, m	ax. 600 A; lq = 10 kA
	Standard Faults at 575/6 ircuit according to UL	600 V at	Siemens type: 3VA53, ma	ax. 400 A or 3VA54, m	ax. 600 A; lq = 10 kA
<ul> <li>of the fuse</li> </ul>					
<ul> <li>— usable for according to l</li> </ul>	Standard Faults up to 57 JL	75/600 V	Type: Class J / L, max. 70	00 A; lq = 10 kA	
<ul> <li>— usable for according to l</li> </ul>	High Faults up to 575/60 JL	00 V	Type: Class J / L, max. 70	00 A; lq = 100 kA	
	Standard Faults at inside 75/600 V according to U		Type: Class J / L, max. 70	00 A; Iq = 10 kA	
	High Faults at inside-dele according to UL	ta circuit up	Type: Class J / L, max. 70	00 A; Iq = 100 kA	
operating power [hp]	] for 3-phase motors				
• at 200/208 V at	50 °C rated value		60 hp		
• at 220/230 V at	50 °C rated value		60 hp		
• at 460/480 V at	50 °C rated value		150 hp		
• at 575/600 V at	50 °C rated value		150 hp		
• at 200/208 V at value	inside-delta circuit at 50	°C rated	100 hp		
• at 220/230 V at value	inside-delta circuit at 50	°C rated	125 hp		
1 400/400 1/ 1		°C roted			
• at 460/480 V at value	inside-delta circuit at 50	Crated	250 hp		
value	inside-delta circuit at 50		250 hp 300 hp		
value • at 575/600 V at value		°C rated			
value • at 575/600 V at value	inside-delta circuit at 50	°C rated	300 hp		
value • at 575/600 V at value contact rating of aux Safety related data	inside-delta circuit at 50	°C rated	300 hp		
value • at 575/600 V at value contact rating of aux Safety related data protection class IP of	inside-delta circuit at 50 <b>(iliary contacts accordi</b>	°C rated ing to UL 60529	300 hp R300-B300	ntact from the front wit	h cover
value • at 575/600 V at value contact rating of aux Safety related data protection class IP of	inside-delta circuit at 50 ciliary contacts accordi on the front acc. to IEC the front acc. to IEC 60	°C rated ing to UL 60529	300 hp R300-B300 IP00; IP20 with cover		h cover
value • at 575/600 V at value contact rating of aux Safety related data protection class IP of touch protection on	inside-delta circuit at 50 ciliary contacts accordi on the front acc. to IEC the front acc. to IEC 60 npatibility	°C rated ing to UL 60529	300 hp R300-B300 IP00; IP20 with cover finger-safe, for vertical co		h cover
value • at 575/600 V at value contact rating of aux Safety related data protection class IP of touch protection on electromagnetic con	inside-delta circuit at 50 ciliary contacts accordi on the front acc. to IEC the front acc. to IEC 60 npatibility s	°C rated ing to UL 60529	300 hp R300-B300 IP00; IP20 with cover finger-safe, for vertical co		h cover Declaration of Conformity
value • at 575/600 V at value contact rating of aux Safety related data protection class IP of touch protection on electromagnetic con Certificates/ approvals	inside-delta circuit at 50 ciliary contacts accordi on the front acc. to IEC the front acc. to IEC 60 npatibility s	°C rated ing to UL 60529	300 hp R300-B300 IP00; IP20 with cover finger-safe, for vertical co	0947-4-2	Declaration of
value • at 575/600 V at value contact rating of aux Safety related data protection class IP of touch protection on electromagnetic con Certificates/ approvals	inside-delta circuit at 50 ciliary contacts accordi on the front acc. to IEC the front acc. to IEC 60 npatibility s	°C rated ing to UL 60529	300 hp R300-B300 IP00; IP20 with cover finger-safe, for vertical co	0947-4-2	Declaration of
value • at 575/600 V at value contact rating of aux Safety related data protection class IP of touch protection on electromagnetic con Certificates/ approvals	inside-delta circuit at 50 ciliary contacts accordi on the front acc. to IEC the front acc. to IEC 60 npatibility s	°C rated ing to UL 60529	300 hp R300-B300 IP00; IP20 with cover finger-safe, for vertical co	0947-4-2	Declaration of
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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=3RW5243-6TC15

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5243-6TC15

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5243-6TC15

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5243-6TC15&lang=en

Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

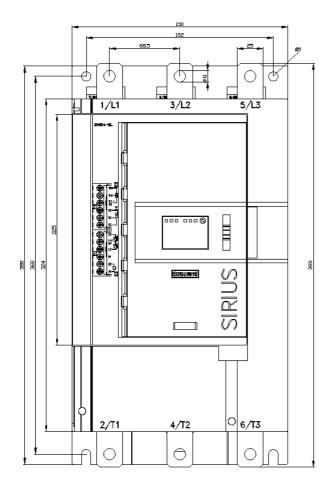
https://support.industry.siemens.com/cs/ww/en/ps/3RW5243-6TC15/char

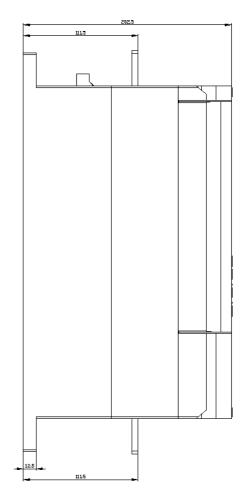
Characteristic: Installation altitude

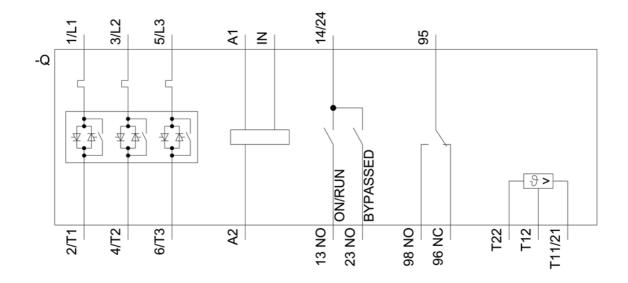
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5243-6TC15&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

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







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