## **SIEMENS**

product brand name product category

Data sheet 3RW5226-3TC04

SIRIUS

Hybrid switching devices



SIRIUS soft starter 200-480 V 77 A, 24 V AC/DC spring-type terminals Thermistor input

	,
product designation	Soft starter
product type designation	3RW52
manufacturer's article number	
<ul> <li>of standard HMI module usable</li> </ul>	3RW5980-0HS00
<ul> <li>of high feature HMI module usable</li> </ul>	3RW5980-0HF00
<ul> <li>of communication module PROFINET standard usable</li> </ul>	3RW5980-0CS00
<ul> <li>of communication module PROFIBUS usable</li> </ul>	3RW5980-0CP00
<ul> <li>of communication module Modbus TCP usable</li> </ul>	3RW5980-0CT00
<ul> <li>of communication module Modbus RTU usable</li> </ul>	3RW5980-0CR00
<ul> <li>of communication module Ethernet/IP</li> </ul>	3RW5980-0CE00
<ul> <li>of circuit breaker usable at 400 V</li> </ul>	3VA2110-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3VA2110-7MN32-0AA0; Type of coordination 1, Iq = 20 kA, CLASS 10
<ul> <li>of circuit breaker usable at 400 V at inside-delta circuit</li> </ul>	3VA2216-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10
• of circuit breaker usable at 500 V at inside-delta circuit	3VA2216-7MN32-0AA0; Type of coordination 1, Iq = 20 kA, CLASS 10
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	3NA3132-6; Type of coordination 1, Iq = 65 kA
• of the gG fuse usable at inside-delta circuit up to 500 V	3NA3132-6; 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>	3NE1224-0; Type of coordination 2, Iq = 65 kA
<ul> <li>of back-up R fuse link for semiconductor protection usable up to 690 V</li> </ul>	3NE8024-1; Type of coordination 2, Iq = 65 kA
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
HMI-High Feature     is supported HMI-Standard	No Yes
<u> </u>	
• is supported HMI-Standard	Yes
is supported HMI-Standard     is supported HMI-High Feature	Yes Yes
is supported HMI-Standard     is supported HMI-High Feature  product feature integrated bypass contact system	Yes Yes Yes
is supported HMI-Standard     is supported HMI-High Feature  product feature integrated bypass contact system number of controlled phases	Yes Yes Yes 3
is supported HMI-Standard     is supported HMI-High Feature  product feature integrated bypass contact system number of controlled phases trip class	Yes Yes Yes 3

insulation voltage rated value	600 V
insulation voltage rated value degree of pollution	
· ·	3, acc. to IEC 60947-4-2
impulse voltage rated value	6 kV
blocking voltage of the thyristor maximum	1 400 V
service factor	1
surge voltage resistance rated value	6 kV
maximum permissible voltage for protective separation	00014
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 according to IEC 60947-4-2	AC 53a
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	02/15/2018
product function	v.
• ramp-up (soft starting)	Yes
• ramp-down (soft stop)	Yes
Soft Torque	Yes
adjustable current limitation     .	Yes
• pump ramp down	Yes
intrinsic device protection	Yes
motor overload protection	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
• 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
<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
<ul> <li>PROFlenergy</li> </ul>	Yes; in connection with the PROFINET Standard communication module
• firmware update	Yes
<ul> <li>removable terminal for control circuit</li> </ul>	Yes
<ul> <li>torque control</li> </ul>	No
analog output	No
Power Electronics	
operational current	
<ul> <li>at 40 °C rated value</li> </ul>	77 A
• at 50 °C rated value	68 A
• at 60 °C rated value	62 A
operational current at inside-delta circuit	
• at 40 °C rated value	133 A
• at 50 °C rated value	118 A
• at 60 °C rated value	107 A
operating voltage	
rated value	200 480 V
at inside-delta circuit rated value	200 480 V
relative negative tolerance of the operating voltage	-15 %
relative positive tolerance of the operating voltage	10 %
relative negative tolerance of the operating voltage at inside-delta circuit	-15 %
relative positive tolerance of the operating voltage at inside-delta circuit	10 %
operating power for 3-phase motors	
at 230 V at 40 °C rated value	22 kW
at 230 V at inside-delta circuit at 40 °C rated value	37 kW
• at 400 V at 40 °C rated value	37 kW
at 400 V at inside-delta circuit at 40 °C rated value	75 kW
Operating frequency 1 rated value	50 Hz
Operating frequency 2 rated value	60 Hz

relative negative tolerance of the operating frequency	10 % _ 10 %
elative positive tolerance of the operating frequency	10 /0
adjustable motor current	00 A
at rotary coding switch on switch position 1	32 A
at rotary coding switch on switch position 2	35 A
at rotary coding switch on switch position 3	38 A
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	41 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	44 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	47 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	50 A
<ul> <li>at rotary coding switch on switch position 8</li> </ul>	53 A
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	56 A
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	59 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	62 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	65 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	68 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	71 A
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	74 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	77 A
minimum	32 A
djustable motor current	
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> </ul>	55.4 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>	60.6 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>	65.8 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>	71 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> </ul>	76.2 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> </ul>	81.4 A
for inside-delta circuit at rotary coding switch on switch position 7	86.6 A
for inside-delta circuit at rotary coding switch on switch position 8	91.8 A
for inside-delta circuit at rotary coding switch on switch position 9      for inside delta circuit at rotary coding switch on switch position 9	97 A
for inside-delta circuit at rotary coding switch on switch position 10	102 A
for inside-delta circuit at rotary coding switch on switch position 11	107 A
for inside-delta circuit at rotary coding switch on switch position 12     for inside delta circuit at rotary coding switch on switch	113 A 118 A
<ul> <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</li> </ul>	118 A
position 14  • for inside-delta circuit at rotary coding switch on switch	128 A
position 15  • for inside-delta circuit at rotary coding switch on switch	133 A
position 16  • at inside-delta circuit minimum	55.4 A
ninimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	, , results to small solubly to
• at 40 °C after startup	35 W
• at 50 °C after startup	32 W
• at 60 °C after startup	31 W
	51 W
power loss [W] at AC at current limitation 350 %	1 107 W
• at 40 °C during startup	1 107 W
at 50 °C during startup     at 60 °C during startup	933 W
at 60 °C during startup ontrol circuit/ Control	826 W
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control supply voltage at AC	
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 voltage frequency	10 %
control supply voltage	
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
inrush current by closing the bypass contacts 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	0
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° tiltable to the front and back
fastening method	screw fixing
height	306 mm
width	185 mm
depth	203 mm
depth required spacing with side-by-side mounting	203 mm
·	203 mm 10 mm
required spacing with side-by-side mounting	
required spacing with side-by-side mounting  • forwards	10 mm
required spacing with side-by-side mounting  • forwards  • backwards	10 mm 0 mm
required spacing with side-by-side mounting	10 mm 0 mm 100 mm
required spacing with side-by-side mounting	10 mm 0 mm 100 mm 75 mm
required spacing with side-by-side mounting  • forwards  • backwards  • upwards  • downwards  • at the side	10 mm 0 mm 100 mm 75 mm 5 mm
required spacing with side-by-side mounting  • forwards  • backwards  • upwards  • downwards  • at the side  weight without packaging	10 mm 0 mm 100 mm 75 mm 5 mm
required spacing with side-by-side mounting  • forwards  • backwards  • upwards  • downwards  • at the side  weight without packaging  Connections/ Terminals	10 mm 0 mm 100 mm 75 mm 5 mm
required spacing with side-by-side mounting  • forwards  • backwards  • upwards  • downwards  • at the side  weight without packaging  Connections/ Terminals  type of electrical connection	10 mm 0 mm 100 mm 75 mm 5 mm 5.6 kg
required spacing with side-by-side mounting  • forwards  • backwards  • upwards  • downwards  • at the side  weight without packaging  Connections/ Terminals  type of electrical connection  • for main current circuit	10 mm 0 mm 100 mm 75 mm 5 mm 5.6 kg
required spacing with side-by-side mounting  • forwards  • backwards  • upwards  • downwards  • at the side  weight without packaging  Connections/ Terminals  type of electrical connection  • for main current circuit  • for control circuit	10 mm 0 mm 100 mm 75 mm 5 mm 5.6 kg  box terminal spring-loaded terminals
required spacing with side-by-side mounting  • forwards  • backwards  • upwards  • downwards  • at the side  weight without packaging  Connections/ Terminals  type of electrical connection  • for main current circuit  • for control circuit  width of connection bar maximum	10 mm 0 mm 100 mm 75 mm 5 mm 5.6 kg box terminal spring-loaded terminals

* with conductor cross-sections = 2.5 mm² maximum yeps of connectables conductor cross-sections • for main contacts for box terminal using the front damping point solid • for main contacts for box terminal using the front damping point finely standed with core end processing • for main contacts for box terminal using the front camping point solid • for main contacts for box terminal using the back camping point solid • for main contacts for box terminal using the back camping point solid • for main contacts for box terminal using both clamping points solid • for main contacts for box terminal using both clamping points solid • for main contacts for box terminal using both clamping points solid • for main contacts for box terminal using both clamping points solid • for main contacts for box terminal using both clamping points shelp standed with core end processing • for main contacts for box terminal using both clamping points fluely standed with core end processing • for main contacts for box terminal using both clamping points fluely standed with core end processing • for main contacts for box terminal using both clamping point shared • for main contacts for box terminal using both clamping point shared • for main contacts for box terminal using both clamping point shared • for main contacts for box terminal using both clamping point shared • for main contacts for box terminal using both clamping point shared • for main contacts for box terminal using both clamping point shared • for main contacts for box terminal using both clamping point shared • for main contacts for box terminal using both clamping point shared • for main contacts for box terminal using both clamping point shared • for main contacts for box terminal using both clamping point shared • for main contacts for box terminal using both clamping point shared • for main contacts with sorter and processing • for main contacts with sorter and motor maximum • at the digital inputs at AC maximum • at the digital inputs at AC maximum • at the digital in		
* for main contacts for box terminal using the front clamping point said  * for main contacts for box terminal using the front clamping point standed  * for main contacts for box terminal using the beak clamping point standed  * for main contacts for box terminal using the beak clamping point standed  * for AVX3 catables for main contacts for box terminal using both clamping points finely stranded with core end processing of for main contacts for box terminal using both clamping points finely stranded with core end processing of for main contacts for box terminal using both clamping points finely stranded with core end processing of for main contacts for box terminal using the beak clamping points finely stranded with core end processing of for main contacts for box terminal using the beak clamping points finely stranded with core end processing of for main contacts for box terminal using the beak clamping point finely stranded with core end processing of for AVX3 cables for control circuit sold in for AVX3 cables for control circuit sold in for AVX3 cables for control circuit sold in for AVX3 cables for control circuit sold with core end processing of for AVX3 cables for control circuit sold in for AVX3 cables for control circuit sold with core end processing in for main contacts with screw-type terminals  * for availage and control contacts with screw-type terminals  * for availage and control contacts with screw-type terminals  * for availage and control contacts with screw-type terminals  * for availage and control contacts with screw-type terminals  * for availage and control contacts with screw-type terminals  * for availage and control contacts with screw-type terminals  * for availage and control contacts with screw-type terminals  * for availage and control contacts with screw-type terminals  * for availage and control contacts with screw-type terminals  * for availage and control contacts with screw-type terminals  * for availage and control contacts with screw-type terminals  * for availage and contr		250 m
clamping point saild  is for main contacts for box terminal using the front clamping point finely strained with core end processing in the processing of the	type of connectable conductor cross-sections	
elements point finely stranded with core end processing  if or main contacts for box terminal using the back clamping point stranded  if or main contacts for box terminal using the back clamping point stranded  if or main contacts for box terminal using both clamping point stranded  if or main contacts for box terminal using both clamping points from years contacts for box terminal using both clamping points from years detailed by standed with core and processing  if or main contacts for box terminal using both clamping points from years detailed by standed with core and processing  if or main contacts for box terminal using both clamping points from they stranded with core end processing  if or main contacts for box terminal using both clamping points stranded  if or main contacts for box terminal using both clamping points from they stranded with core end processing  if or main contacts for box terminal using both clamping points stranded  if or control circuit finely stranded with core end processing  if or aNVC cables for control circuit finely stranded with core end processing  if or aNVC cables for control circuit finely stranded with core end processing  if or aNVC cables for control circuit finely stranded with core end processing  if or aNVC cables for control circuit finely stranded with core end processing  if or aNVC cables for control circuit finely stranded with core end processing  if or aNVC cables for control circuit finely stranded with core end processing  if or aNVC cables for control circuit finely stranded with core end processing  if or aNVC cables for control circuit finely stranded with core end processing  if or aNVC cables for control circuit finely stranded with core end processing  if or aNVC cables for control circuit finely stranded with core end processing  if or aNVC cables for control circuit finely stranded with core end processing  if or aNVC cables for control circuit finely stranded with core end processing  if or aNVC cables for control circuit finely stranded with core en	· · · · · · · · · · · · · · · · · · ·	1x (2.5 16 mm²)
deamping point stranded  • For main contacts for box terminal using the back clamping point solid  • For ANC cables for main contacts for box terminal using the back clamping point solid  • For main contacts for box terminal using both clamping point solid  • For main contacts for box terminal using both clamping point serial of the property of the		1x (2.5 50 mm²)
clamping point solid  * For AVIC cables for man contacts for box terminal using the back clamping points solid  * For main contacts for box terminal using both clamping points solid  * For main contacts for box terminal using both clamping points finely stranded with core end processing  * For main contacts for box terminal using both clamping point stranded  * For man contacts for box terminal using the back clamping point stranded  * For man contacts for box terminal using the back clamping point stranded  * For man contacts for box terminal using the back clamping point stranded  * For man contacts for box terminal using the back clamping point stranded  * For control crout solid  * For control crout solid  * For control crout solid  * For control crout finely stranded with core end processing  * For AVIC cables for control crout solid  * For AVIC cables for control cro		1x (10 70 mm²)
## black clamping point  * for main contacts for box terminal using both clamping points solid  * for main contacts for box terminal using both clamping points finely stranded with core end processing  * for main contacts for box terminal using both clamping points stranded  * for main contacts for box terminal using both clamping points stranded  * for main contacts for box terminal using the back clamping point finely stranded with core end processing  * for carnot contacts for box terminal using the back clamping point stranded  * for carnot circuit solid  * for control circuit solid  * for control circuit solid  * for control circuit finely stranded with core end processing  * for AWG cables for control circuit solid  * for AWG cables for control circuit solid  * for AWG cables for control circuit finely stranded with core end processing  * for main contacts with screw-type terminals  * between soft starter and motor maximum  * at the digital inputs at O maximum  * at the digital inputs at O maximum  * at the digital inputs at O maximum  * of main contacts with screw-type terminals  * for availary and control contacts with screw-type  * for main contacts with screw-type terminals  * for availary and control contacts with screw-type  * for main contacts with screw-type terminals  * for availary and control contacts with screw-type  * for main contacts with screw-type  * during storage and transport  * during storage and control to IEC 60721  * during storage and control contacts with screw-type  * for control interference  * Communication Protocol  * Communication Protocol  * Communication Protocol  * PROFINET standard  * PROFINET		1x (2.5 16 mm²)
points solid  I for main contacts for box terminal using both clamping points finely stranded with core end processing  I for main contacts for box terminal using both clamping points stranded  I for main contacts for box terminal using the back clamping point finely stranded with core end processing  I for main contacts for box terminal using the back clamping point finely stranded with core end processing  I for a for control circuit solid  I for control circuit solid  I for control circuit solid  I for AWG cables for control circuit solid  I for AWG cables for control circuit finely stranded with core end processing  I for AWG cables for control circuit solid  I for AWG cables for control circuit solid  I for a fo	· ·	1x (10 2/0)
points finely stranded with core end processing of romain contacts for box terminal using both clamping points stranded of or main contacts for box terminal using the back clamping point stranded of main contacts for box terminal using the back clamping point stranded stranded type of connectable conductor cross-sections of control circuit relay stranded with core end processing of control circuit solid of control circuit solid of control circuit finely stranded with core end processing of control circuit finely stranded with core end processing of control circuit solid of control circuit finely stranded with core end processing of control circuit finely stranded with core end processing of control circuit finely stranded with core end processing of control contents of control circuit finely stranded with core end processing of control contents with stranded with core end processing of control contents of control circuit finely stranded with core end processing wire length of end and strander and motor maximum of the digital inputs at AC maximum of the digit		2x (2.5 16 mm²)
Formation contacts for box terminal using the back clamping point finely stranded with core end processing of formation contacts for box terminal using the back clamping point stranded with core end processing of connectable conductor cross-sections of control circuit linely stranded with core end processing of control circuit linely stranded with core end processing of control circuit finely stranded with core end processing of control circuit finely stranded with core end processing of control circuit finely stranded with core end processing of control circuit finely stranded with core end processing of control circuit finely stranded with core end processing of control contacts with strater and motor maximum and the digital inputs at Comaximum and the digital inputs at Comaximum and the digital inputs at DC maximum and the digital inputs at DC maximum and the digital inputs at DC maximum and the digital inputs at Control contacts with screw-type terminals and control contacts with screw-type		2x (2.5 35 mm²)
clamping point finely stranded with core end processing of for main contacts for box terminal using the back clamping point stranded  type of connectable conductor cross-sections  of or control circuit finely stranded with core end processing of for AWG cables for control circuit finely stranded with core end processing of AWG cables for control circuit finely stranded with core end processing of AWG cables for control circuit finely stranded with core end processing of the AWG cables for control circuit finely stranded with core end processing of the AWG cables for control circuit finely stranded with core end processing of the AWG cables for control circuit finely stranded with core end processing of the AWG cables for control circuit finely stranded with core end processing of the AWG cables for control circuit finely stranded with core end processing of the AWG cables for control circuit finely stranded with core end processing of the AWG cables for control circuit finely stranded with core end processing of the AWG cables for control circuit finely stranded with core end processing of the AWG cables for control cortacts with screw-type terminals of the for auxiliary and control contacts with screw-type terminals of a strandard with screw-type terminals of a strandard contacts with screw-type terminals of a strandard with screw-type terminals of a strandard or auxiliary and control contacts with screw-type terminals of a strandard or auxiliary and control contacts with screw-type terminals of a strandard or auxiliary and control contacts with screw-type terminals or auxiliary and control contact		2x (6 16 mm²), 2x (10 50 mm²)
clamping point stranded type of connectable conductor cross-sections  • for control circuit solid  • for control circuit finely stranded with core end processing  • for AWG cables for control circuit finely stranded with core end processing  wire length  • between soft starter and motor maximum  • at the digital inputs at AC maximum  • at the digital inputs at AC maximum  • at the digital inputs at DC maximum  • for auxiliary and control contacts with screw-type terminals  • for auxiliary and control contacts with screw-type terminals  • for auxiliary and control contacts with screw-type terminals  • for auxiliary and control contacts with screw-type terminals  • for auxiliary and control contacts with screw-type  • terminals  **arbient conditions**  Installation altitude at height above seal level maximum  • during operation • during operation • during sperage according to IEC 60721  • during storage according to IEC 60721  • during storage according to IEC 60721  • during transport according to IE		1x (2.5 50 mm²)
• for control circuit solid • for control circuit finely stranded with core end processing • for AWC cables for control circuit finely stranded with core end processing  wire longth • between soft starter and motor maximum • at the digital inputs at DC maximum • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals  tightening torque • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals  tightening torque [libf in] • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals  tightening torque [libf in] • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals  installation altitude at height above sea level maximum  5 000 m; Derating as of 1000 m, see catalog  ambient temperature • during operation • during storage and transport • during storage and transport • during storage and transport • during storage according to IEC 60721  3/46 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get limb the devices), 3M6 • during storage according to IEC 60721  EMC emitted interference  communication module is supported • PROFIRIET standard • Yes • PROFIBUS  ULICSA ratings  manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to ULICSA ratings  Signer stype: 3VA51, max. 125 A; Iq = 10 kA	•	1x (10 70 mm²)
• for control circuit finely stranded with core end processing • for AWC cables for control circuit solid • for AWC cables for control circuit finely stranded with core end processing  wire length • between soft starter and motor maximum • at the digital inputs at AC maximum • at the digital inputs at AC maximum • at the digital inputs at DC maximum  • at the digital inputs at DC maximum  • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type • for for ain contacts with screw-type terminals • for auxiliary and control contacts with screw-type • for for auxiliary and control contacts with screw-type • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type • for main contacts with screw-type • for auxiliary and control contacts with screw-type • for auxiliary and control contacts with screw-type • during operation • during storage and transport • during storage and transport • during poperation according to IEC 60721 • during poperation according to IEC 60721 • during poperation according to IEC 60721 • during transport according to IEC 60721 • PROFINET standard • PROFINET standard • PROFI	type of connectable conductor cross-sections	
• for AWG cables for control circuit solid • for AWG cables for control circuit finely stranded with core end processing wiro length • between soft starter and motor maximum • at the digital inputs at AC maximum • at the digital inputs at DC maximum • at the digital inputs at DC maximum • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type • during operation • during operation • during storage and transport • during storage according to IEC 60721 • during transport according to IEC 60721 • durin	• for control circuit solid	2x (0.25 1.5 mm²)
• for AWG cables for control circuit solid • for AWG cables for control circuit finely stranded with core end processing wiro length • between soft starter and motor maximum • at the digital inputs at AC maximum • at the digital inputs at DC maximum • at the digital inputs at DC maximum • for main contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type terminals • for auxiliary and control contacts with screw-type • during operation • during operation • during storage and transport • during storage according to IEC 60721 • during transport according to IEC 60721 • durin	<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	
e for AWIG cables for control circuit finely stranded with core end processing  wire length  • between soft starter and motor maximum  • at the digital inputs at AC maximum  • at the digital inputs at AC maximum  • of the digital inputs at DC maximum  • of main contacts with screw-type terminals  • for auxiliary and control contacts with screw-type terminals  • during operation  • during operation  • during storage and transport  • during sto		
wire length  between soft starter and motor maximum  at the digital inputs at AC maximum  of at the digital inputs at DC maximum  of a williary and control contacts with screw-type terminals  of or auxiliary and control contacts with screw-type terminals  of or		
between soft starter and motor maximum at the digital inputs at AC maximum 100 m  tightoning torque for main contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals for main contacts with screw-type terminals for main contacts with screw-type terminals for main contacts with screw-type terminals for maximary and control contacts with screw-type terminals for auxiliary and control contacts with screw-type terminals for main contacts with scr		
at the digital inputs at AC maximum  at the digital inputs at DC maximum  1 000 m  1 000 m  1 000 m  1 tightening torque  for main contacts with screw-type terminals  for auxiliary and control contacts with screw-type terminals  1 00 m  1 000 m	wire length	
at the digital inputs at DC maximum  tightening torque  • for main contacts with screw-type terminals  • for auxiliary and control contacts with screw-type terminals  • for auxiliary and co	<ul> <li>between soft starter and motor maximum</li> </ul>	800 m
tightening torque  • for main contacts with screw-type terminals  • for auxiliary and control contacts with screw-type terminals  tightening torque [libf:in]  • for main contacts with screw-type terminals  • for auxiliary and control contacts with screw-type terminals  40 53 lbf-in  • for auxiliary and control contacts with screw-type terminals  Amblent conditions  installation altitude at height above sea level maximum  • during operation • during storage and transport  • during storage and transport  • during storage according to IEC 60721  • during storage according to IEC 60721  • during storage according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  EMC emitted interference  Communication/ Protocol  communication/ Protocol  communication module is supported  • PROFINET standard • PROFIBUS  ULICSA ratings  manufacturer's article number • of circuit breaker  — usable for Standard Faults at 460/480 V according to ULI  Siemens type: 3VA51, max. 125 A; Iq = 10 kA	<ul> <li>at the digital inputs at AC maximum</li> </ul>	100 m
tightening torque  • for main contacts with screw-type terminals  • for auxiliary and control contacts with screw-type  • terminals  tightening torque [IbFin]  • for main contacts with screw-type terminals  • for auxiliary and control contacts with screw-type  • terminals  Ambient conditions  installation altitude at height above sea level maximum  • during operation  • during storage and transport  • during storage and transport  • during storage according to IEC 60721  • during storage according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  • Ambient temperature  • during storage according to IEC 60721  • Auxiliary transport according to IEC 60721  • Auxiliar	at the digital inputs at DC maximum	1 000 m
• for main contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals  tightening torque [lbf·in] • for main contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals • for auxillary and control contacts with screw-type terminals  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature • during operation • during operation • during operation according to IEC 60721 • during operation according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 60721 • PROFINET standard • PROFINES  Modbus RTU • Modbus RTU • Yes • PROFINES  manufacturer's article number • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  Slemens type: 3VA51, max. 125 A; Iq = 10 kA		
• for auxillary and control contacts with screw-type terminals  itightening torque [lbf-in]  • for main contacts with screw-type terminals  • for auxillary and control contacts with screw-type terminals  • for auxillary and control contacts with screw-type terminals  • for auxillary and control contacts with screw-type terminals  Ambient conditions  installation altitude at height above sea level maximum  5 000 m; Derating as of 1000 m, see catalog  ambient temperature  • during operation  • during storage and transport  • during operation according to IEC 60721  SK6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  • during storage according to IEC 60721  • during transport accor		4.5 6 N·m
tightening torque [lbf-in]  • for main contacts with screw-type terminals  * for auxiliary and control contacts with screw-type terminals  * for auxiliary and control contacts with screw-type terminals  * for auxiliary and control contacts with screw-type terminals  * for auxiliary and control contacts with screw-type terminals  * for auxiliary and control contacts with screw-type terminals  * for auxiliary and control contacts with screw-type  * for auxiliary and contensation, screw-type  * for auxiliary and contensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  * for observed certaing at temperatures of 40 °C or above  * for auxiliary and contensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6  * for auxiliary and contensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 3M6	for auxiliary and control contacts with screw-type	
• for main contacts with screw-type terminals     • for auxiliary and control contacts with screw-type terminals  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature     • during operation     • during storage and transport  • during operation according to IEC 60721  • during storage according to IEC 60721  • during storage according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  • During during transport according to IEC 60721  • PROFINET standard  • PROFINET standard  • PROFINET standard  • PROFIBUS   Yes  • PROFIBUS   Tyes  • PROFIBUS   *Yes  • PROFIBUS  *Yes  • PROFIBUS  *Yes  • PROFIBUS  *Yes  • PROFIBUS  *Yes  • PROFIBUS  *Yes  • PROFIBUS  **Siemens type: 3VA51, max. 125 A; Iq = 10 kA  **Siemens type: 3VA51, max. 125 A; Iq = 10 kA		
for auxiliary and control contacts with screw-type terminals  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature     during operation     during storage and transport  during operation according to IEC 60721  during storage according to IEC 60721  during storage according to IEC 60721  during storage according to IEC 60721  during transport according to IEC 60721  during transport according to IEC 60721  during transport according to IEC 60721  EMC emitted interference  communication / Protocol  communication / Protocol  communication module is supported  PROFINET standard  PROFIBET standard  PROFIBUS  Wes  Modbus RTU  Modbus TCP  PROFIBUS  Manufacturer's article number  of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA		
Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage and transport  • during operation according to IEC 60721  • during storage according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  EMC emitted interference  communication/Protocol  communication module is supported  • PROFINET standard  • PROFINET standard  • PROFINET standard  • PROFIBUS  Tyes  • Modbus TCP  • PROFIBUS  Tyes  • PROFIBUS  Tyes   manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA	• •	
Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage and transport  • during operation according to IEC 60721  • during storage according to IEC 60721  • during transport according to IEC 60721  • EMC emitted interference  communication Protocol  communication module is supported  • PROFINET standard  • PROFIBUS  Tyes  • Modbus RTU  • Modbus TCP  • PROFIBUS  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA	, ,,	7 10.3 lbf·in
installation altitude at height above sea level maximum  ambient temperature  during operation during storage and transport  during operation according to IEC 60721  during operation according to IEC 60721  during storage according to IEC 60721  during storage according to IEC 60721  during storage according to IEC 60721  during transport according to IEC 60721  during transport according to IEC 60721  during transport according to IEC 60721  EMC emitted interference  communication/ Protocol  communication module is supported  PROFINET standard PROFINET standard EtherNet/IP Modbus RTU Modbus RTU PROFIBUS  UL/CSA ratings  manufacturer's article number of circuit breaker  usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA		
ambient temperature  • during operation • during storage and transport  • during storage and transport  • during operation according to IEC 60721 • during operation according to IEC 60721  • during operation according to IEC 60721  • during storage according to IEC 60721  • during storage according to IEC 60721  • during transport according to IEC 60721  • EMC emitted interference  • communication / Protocol   communication module is supported  • PROFINET standard  • PROFINET standard  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • Modbus TCP  • PROFIBUS   UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA		
<ul> <li>during operation         <ul> <li>during storage and transport</li> <li>-40 +80 °C; Please observe derating at temperatures of 40 °C or above</li> <li>during storage and transport</li> <li>during operation according to IEC 60721</li> <li>3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6</li> <li>during storage according to IEC 60721</li> <li>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4</li> <li>during transport according to IEC 60721</li> <li>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>EMC emitted interference</li> <li>to IEC 60947-4-2: Class A</li> <li>PROFINET standard</li> <li>PROFINET standard</li> <li>StehenNet/IP</li> <li>Modbus RTU</li> <li>Modbus TCP</li> <li>PROFIBUS</li> <li>Yes</li> <li>PROFIBUS</li> <li>Yes</li> <li>UL/CSA ratings</li> <li>manufacturer's article number</li> <li>of circuit breaker</li> <li>usable for Standard Faults at 460/480 V according to UL</li></ul></li></ul>		5 000 m; Derating as of 1000 m, see catalog
<ul> <li>during storage and transport</li> <li>during operation according to IEC 60721</li> <li>during storage according to IEC 60721</li> <li>during storage according to IEC 60721</li> <li>during storage according to IEC 60721</li> <li>1K6 (only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get inside the devices), 3M6</li> <li>during transport according to IEC 60721</li> <li>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>EMC emitted interference</li> <li>acc. to IEC 60947-4-2: Class A</li> <li>Communication/ Protocol</li> <li>etherNet/IP</li> <li>Modbus RTU</li> <li>Modbus RTU</li> <li>Modbus TCP</li> <li>PROFIBUS</li> <li>Yes</li> <li>PROFIBUS</li> <li>Yes</li> <li>Of circuit breaker</li> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>Siemens type: 3VA51, max. 125 A; Iq = 10 kA</li> </ul>	•	
environmental category  • during operation according to IEC 60721  • during storage according to IEC 60721  • during transport according to IEC 60721  EMC emitted interference  communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  Modbus TCP  • PROFIBUS  PROFIBUS  Wes  UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to IEC 60721  3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get inside the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 3M6  1K6 (only occasional condensation), 1C2 (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), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 2S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 3S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 3S2 (		· · · · · · · · · · · · · · · · · · ·
• during operation according to IEC 60721     • during storage according to IEC 60721     • during storage according to IEC 60721     • during transport ac		-40 +80 °C
(sand must not get into the devices), 3M6  • during storage according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  EMC emitted interference  • communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  DL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 3M6  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 1M4  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 1M4  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 1M4  1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 1M4  2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)  acc. to IEC 60947-4-2: Class A  Yes  Yes  Yes  Yes  UL/CSA ratings  Siemens type: 3VA51, max. 125 A; Iq = 10 kA	environmental category	
• during storage according to IEC 60721      1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4      • during transport according to IEC 60721      2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)      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     • PROFIBUS  Modbus TCP      • PROFIBUS  Tyes  UL/CSA ratings  manufacturer's article number      • of circuit breaker      — usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA	<ul> <li>during operation according to IEC 60721</li> </ul>	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2
<ul> <li>during transport according to IEC 60721</li> <li>2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)</li> <li>EMC emitted interference</li> <li>acc. to IEC 60947-4-2: Class A</li> </ul> Communication/ Protocol <ul> <li>communication module is supported</li> <li>PROFINET standard</li> <li>EtherNet/IP</li> <li>Modbus RTU</li> <li>Modbus RTU</li> <li>Modbus TCP</li> <li>PROFIBUS</li> <li>Yes</li> <li>PROFIBUS</li> </ul> UL/CSA ratings <ul> <li>manufacturer's article number</li> <li>of circuit breaker</li> <li>— usable for Standard Faults at 460/480 V according to UL</li> </ul> Siemens type: 3VA51, max. 125 A; Iq = 10 kA Siemens type: 3VA51, max. 125 A; Iq = 10 kA	• during storage according to IEC 60721	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get
EMC emitted interference  acc. to IEC 60947-4-2: Class A  Communication/ Protocol  communication module is supported  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA	e during transport according to IEC 00704	
communication/ Protocol  communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus RTU  Modbus TCP  PROFIBUS  Yes  PROFIBUS  Yes  Ves  Ves  Ves  Ves  Ves  Ves  Ves		
communication module is supported  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus RTU  Modbus TCP  PROFIBUS  Yes  PROFIBUS  Yes  Ves  Ves  Ves  Ves  Ves  Ves  Ves		acc. to IEU 60947-4-2: Class A
PROFINET standard  EtherNet/IP  Modbus RTU  Modbus TCP  PROFIBUS  PROFIBUS  Yes  Ves  PROFIBUS  Yes  Ves  Ves  Ves  Ves  Ves  Ves  Ves		
EtherNet/IP     Modbus RTU     Modbus TCP     Modbus TCP     PROFIBUS     Yes  UL/CSA ratings  manufacturer's article number     of circuit breaker     — usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA	• •	
Modbus RTU     Modbus TCP     Yes     PROFIBUS  UL/CSA ratings  manufacturer's article number     of circuit breaker     — usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA	PROFINET standard	Yes
Modbus TCP     PROFIBUS     Yes  UL/CSA ratings  manufacturer's article number     of circuit breaker     — usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA	EtherNet/IP	Yes
PROFIBUS  Ves  UL/CSA ratings  manufacturer's article number  of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA	Modbus RTU	Yes
<pre> washings  manufacturer's article number  of circuit breaker  usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA  The standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA  The standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA  The standard Faults at 460/480 V according to UL  The standard Faults at 460/480 V a</pre>	Modbus TCP	Yes
manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA	• PROFIBUS	Yes
manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  Siemens type: 3VA51, max. 125 A; Iq = 10 kA	UL/CSA ratings	
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> </ul> </li> <li>Siemens type: 3VA51, max. 125 A; Iq = 10 kA</li> </ul>		
— usable for Standard Faults at 460/480 V according to UL Siemens type: 3VA51, max. 125 A; Iq = 10 kA		
	— usable for Standard Faults at 460/480 V according	Siemens type: 3VA51, max. 125 A; Iq = 10 kA
		Siemens type: 3VA51, max. 125 A; Iq max = 65 kA

- usable for Standard Faults at 460/480 V at inside-Siemens type: 3VA51, max. 125 A; Iq = 10 kA delta circuit according to UL - usable for High Faults at 460/480 V at inside-delta Siemens type: 3VA51, max. 125 A; Iq max = 65 kA circuit according to UL - usable for Standard Faults at 575/600 V according Siemens type: 3VA51, max. 125 A; Iq = 10 kA - usable for Standard Faults at 575/600 V at inside-Siemens type: 3VA51, max. 125 A; Iq = 10 kA delta circuit according to UL · of the fuse - usable for Standard Faults up to 575/600 V Type: Class RK5 / K5, max. 250 A; Iq = 10 kA according to UL usable for High Faults up to 575/600 V according to Type: Class J / L, max. 250 A; Iq = 100 kA UL - usable for Standard Faults at inside-delta circuit up Type: Class RK5 / K5, max. 250 A; Iq = 10 kA to 575/600 V according to UL - usable for High Faults at inside-delta circuit up to Type: Class J / L, max. 250 A; Iq = 100 kA 575/600 V according to UL operating power [hp] for 3-phase motors • at 200/208 V at 50 °C rated value 20 hp • at 220/230 V at 50 °C rated value 25 hp at 460/480 V at 50 °C rated value 50 hp • at 200/208 V at inside-delta circuit at 50 °C rated value 30 hp • at 220/230 V at inside-delta circuit at 50 °C rated value 40 hp • at 460/480 V at inside-delta circuit at 50 °C rated value 75 hp R300-B300 contact rating of auxiliary contacts according to UL protection class IP on the front according to IEC 60529 IP00; IP20 with cover 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

Certificates/ approvals

**General Product Approval** 







Confirmation







**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping

other



Confirmation

## Further information

Siemens has decided to exit the Russian market (see here).

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$ 

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5226-3TC04

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RW5226-3TC04}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5226-3TC04

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5226-3TC04&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5226-3TC04&lang=en</a>

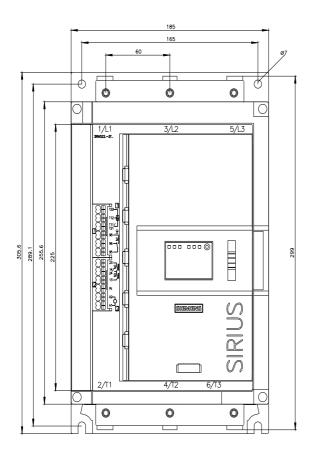
Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RW5226-3TC04/char

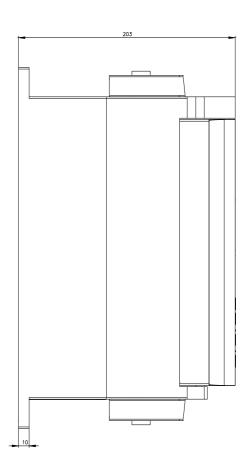
Characteristic: Installation altitude

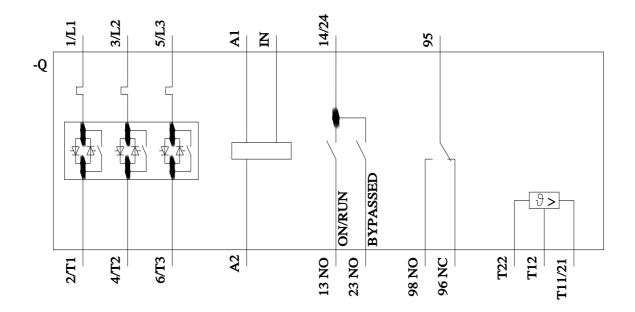
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5226-3TC04&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

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







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