## SIEMENS

## Data sheet

## 3RW5074-2TB14



SIRIUS soft starter 200-480 V 315 A, 110-250 V AC Spring-loaded terminals Thermistor input

product brand name	SIRIUS
product category	Hybrid switching devices
product designation	Soft starter
product type designation	3RW50
manufacturer's article number	
<ul> <li>of standard HMI module usable</li> </ul>	<u>3RW5980-0HS01</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>	<u>3VA2440-7MN32-0AA0; Type of assignment 1, lq = 65 kA</u>
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3VA2440-7MN32-0AA0; Type of assignment 1, Iq = 65 kA
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	2x3NA3365-6; 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>3NE1 333-2; 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>3NE3 335; Type of coordination 2, Iq = 65 kA</u>
<ul> <li>of line contactor usable up to 480 V</li> </ul>	<u>3RT1075</u>
<ul> <li>of line contactor usable up to 690 V</li> </ul>	<u>3RT1075</u>
General technical data	
starting voltage [%]	30 100 %
stopping voltage [%]	50 %; non-adjustable
start-up ramp time of soft starter	0 20 s
ramp-down time of soft starter	0 20 s
current limiting value [%] adjustable	130 700 %
accuracy class according to IEC 61557-12	5 %
certificate of suitability	
CE marking	Yes
UL approval	Yes
CSA approval	Yes
product component	
HMI-High Feature	No
<ul> <li>is supported HMI-Standard</li> </ul>	Yes
<ul> <li>is supported HMI-High Feature</li> </ul>	Yes
product feature integrated bypass contact system	Yes
number of controlled phases	2
trip class	CLASS 10A / 10E (preset) / 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 according to IEC 60947-4-2	AC-53a		
reference code according to IEC 81346-2	Q		
	09/23/2019		
Substance Prohibitance (Date) product function	09/23/2019		
•	Vee		
ramp-up (soft starting)	Yes		
ramp-down (soft stop)     Soft Torque			
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)		
evaluation of thermistor motor protection	Yes; Type A PTC or Klixon / Thermoclick		
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		
<ul> <li>voltage ramp</li> </ul>	Yes		
torque control	No		
<ul> <li>analog output</li> </ul>	No		
Power Electronics			
operational current			
<ul> <li>at 40 °C rated value</li> </ul>	315 A		
• at 50 °C rated value	279 A		
• at 60 °C rated value	255 A		
operating voltage			
rated value	200 480 V		
relative negative tolerance of the operating voltage	-15 %		
relative positive tolerance of the operating voltage	10 %		
operating power for 3-phase motors			
• at 230 V at 40 °C rated value	90 kW		
• at 400 V at 40 °C rated value	160 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>	135 A		
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	147 A		
<ul> <li>at rotary coding switch on switch position 3</li> </ul>	159 A		
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	171 A		

<ul> <li>at rotary coding switch on switch position 5</li> </ul>	183 A			
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	195 A			
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	207 A			
<ul> <li>at rotary coding switch on switch position 8</li> </ul>	219 A			
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	231 A 243 A 255 A			
<ul> <li>at rotary coding switch on switch position 10</li> </ul>				
at rotary coding switch on switch position 11				
at rotary coding switch on switch position 12	267 A			
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	279 A			
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	291 A			
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	303 A			
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	315 A			
• minimum	135 A			
minimum load [%]	15 %; Relative to smallest settable le			
power loss [W] for rated value of the current at AC				
<ul> <li>at 40 °C after startup</li> </ul>	36 W			
<ul> <li>at 50 °C after startup</li> </ul>	29 W			
• at 60 °C after startup	24 W			
power loss [W] at AC at current limitation 350 %				
• at 40 °C during startup	3 368 W			
• at 50 °C during startup	2 805 W			
• at 60 °C during startup	2 455 W			
type of the motor protection	Electronic, tripping in the event of thermal overload of the motor			
Control circuit/ Control	······································			
type of voltage of the control supply voltage	AC			
control supply voltage at AC				
• at 50 Hz	110 250 V			
• at 60 Hz	110 250 V			
	-15 %			
relative negative tolerance of the control supply voltage at AC at 50 Hz				
relative positive tolerance of the control supply voltage at AC at 50 Hz	10 %			
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %			
relative positive tolerance of the control supply voltage at AC at 60 Hz	10 %			
control supply voltage frequency	50 60 Hz			
relative negative tolerance of the control supply voltage frequency	-10 %			
relative positive tolerance of the control supply voltage frequency	10 %			
control supply current in standby mode rated value	30 mA			
holding current in bypass operation rated value	105 mA			
locked-rotor current at close of bypass contact maximum	2.2 A			
inrush current peak at application of control supply voltage maximum	12.2 A			
duration of inrush current peak at application of control supply voltage	2.2 ms			
design of the overvoltage protection	Varistor			
	Variation			
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			
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			
	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			
Inputs/ Outputs	4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply			
Inputs/ Outputs number of digital inputs	4 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 number of digital outputs	<ul> <li>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</li> <li>1</li> <li>3</li> </ul>			
Inputs/ Outputs number of digital inputs number of digital outputs o not parameterizable	<ul> <li>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</li> <li>1</li> <li>3</li> <li>2</li> </ul>			
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs	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 1 1 3 2 2 2 normally-open contacts (NO) / 1 changeover contact (CO)			
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs switching capacity current of the relay outputs	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 1 1 3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0			
Inputs/ Outputs number of digital inputs number of digital outputs onot parameterizable digital output version number of analog outputs	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 1 1 3 2 2 2 normally-open contacts (NO) / 1 changeover contact (CO)			

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	230 mm				
width	160 mm				
depth	282 mm				
required spacing with side-by-side mounting					
• forwards	10 mm				
• backwards	0 mm				
• upwards	100 mm				
• downwards	75 mm				
at the side	5 mm				
weight without packaging	7.3 kg				
Connections/ Terminals					
type of electrical connection					
for main current circuit	busbar connection				
for control circuit	spring-loaded terminals				
width of connection bar maximum	35 mm; with connection cover 3RT1966-4EA1 maximum length 45 mm				
wire length for thermistor connection	50 m				
• 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	05 200 mm <sup>2</sup>				
• for main contacts for box terminal using the front clamping point solid	95 300 mm <sup>2</sup>				
<ul> <li>for main contacts for box terminal using the front clamping point finely stranded with core end processing</li> </ul>	70 240 mm²				
<ul> <li>for main contacts for box terminal using the front clamping point finely stranded without core end processing</li> </ul>	70 240 mm²				
<ul> <li>for main contacts for box terminal using the front clamping point stranded</li> </ul>	95 300 mm²				
<ul> <li>at AWG cables for main contacts for box terminal using the front clamping point</li> </ul>	3/0 600 kcmil				
<ul> <li>for main contacts for box terminal using the back clamping point solid</li> </ul>	120 240 mm²				
<ul> <li>at AWG cables for main contacts for box terminal using the back clamping point</li> </ul>	250 500 kcmil				
<ul> <li>for main contacts for box terminal using both clamping points solid</li> </ul>	min. 2x 70 mm², max. 2x 240 mm²				
<ul> <li>for main contacts for box terminal using both clamping points finely stranded with core end processing</li> </ul>	min. 2x 50 mm², max. 2x 185 mm²				
<ul> <li>for main contacts for box terminal using both clamping points finely stranded without core end processing</li> </ul>	min. 2x 50 mm², max. 2x 185 mm²				
<ul> <li>for main contacts for box terminal using both clamping points stranded</li> </ul>	min. 2x 70 mm², max. 2x 240 mm²				
<ul> <li>for main contacts for box terminal using the back clamping point finely stranded with core end processing</li> </ul>	120 185 mm²				
<ul> <li>for main contacts for box terminal using the back clamping point finely stranded without core end processing</li> </ul>	120 185 mm²				
<ul> <li>for main contacts for box terminal using the back clamping point stranded</li> </ul>	120 240 mm²				
type of connectable conductor cross-sections					
<ul> <li>at AWG cables for main current circuit solid</li> </ul>	2/0 500 kcmil				
<ul> <li>for DIN cable lug for main contacts stranded</li> </ul>	50 240 mm²				
• for DIN cable lug for main contacts finely stranded	70 240 mm²				
type of connectable conductor cross-sections					
<ul> <li>for control circuit solid</li> </ul>	2x (0.25 1.5 mm²)				
<ul> <li>for control circuit finely stranded with core end</li> </ul>	2x (0.25 1.5 mm²)				

processing	0. (04 - 40)			
at AWG cables for control circuit solid	2x (24 16)			
<ul> <li>at AWG cables for control circuit finely stranded with core end processing</li> </ul>	2x (24 16)			
wire length				
<ul> <li>between soft starter and motor maximum</li> </ul>	800 m			
	800 m 1 000 m			
at the digital inputs at AC maximum	1 000 m			
tightening torque	14 04 N m			
<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</li> </ul>	7 10.3 lbf in			
terminals				
Ambient conditions				
installation altitude at height above sea level maximum	5 000 m; derating as of 1000 m, see Manual			
ambient temperature				
during operation	-25 +60 °C; Please observe derating at temperatures of 40 °C or			
- during operation	above			
<ul> <li>during storage and transport</li> </ul>	-40 +80 °C			
environmental category				
<ul> <li>during operation according to IEC 60721</li> </ul>	3K6 (no ice formation, only occasional condensation), 3C3 (no salt			
	mist), 3S2 (sand must not get into the devices), 3M6			
<ul> <li>during storage according to IEC 60721</li> </ul>	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must			
	not get inside the devices), 1M4			
<ul> <li>during transport according to IEC 60721</li> </ul>	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)			
EMC emitted interference	acc. to IEC 60947-4-2: Class A			
Communication/ Protocol				
communication module is supported				
<ul> <li>PROFINET standard</li> </ul>	Yes			
EtherNet/IP	Yes			
Modbus RTU	Yes			
Modbus TCP	Yes			
PROFIBUS	Yes			
UL/CSA ratings				
manufacturer's article number				
<ul> <li>of circuit breaker</li> </ul>				
	Siemens type: 3VA54, max. 600 A; Iq max = 65 kA			
<ul> <li>of circuit breaker         <ul> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> </ul>	Siemens type: 3VA54, max. 600 A; Iq max = 65 kA			
— usable for High Faults at 460/480 V according	Siemens type: 3VA54, max. 600 A; Iq max = 65 kA			
— usable for High Faults at 460/480 V according to UL	Siemens type: 3VA54, max. 600 A; lq max = 65 kA Type: Class L, max. 1000 A; lq = 18 kA			
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse</li> </ul>				
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse</li> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V</li> </ul>				
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> </ul> </li> </ul>	Type: Class L, max. 1000 A; lq = 18 kA			
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> </ul> </li> <li>operating power [hp] for 3-phase motors</li> </ul>	Type: Class L, max. 1000 A; lq = 18 kA Type: Class L, max. 1000 A; lq = 100 kA			
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> </ul> </li> <li>operating power [hp] for 3-phase motors         <ul> <li>at 200/208 V at 50 °C rated value</li> </ul> </li> </ul>	Type: Class L, max. 1000 A; lq = 18 kA Type: Class L, max. 1000 A; lq = 100 kA 75 hp			
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> </ul> </li> <li>operating power [hp] for 3-phase motors         <ul> <li>at 200/208 V at 50 °C rated value</li> <li>at 220/230 V at 50 °C rated value</li> </ul> </li> </ul>	Type: Class L, max. 1000 A; lq = 18 kA Type: Class L, max. 1000 A; lq = 100 kA 75 hp 100 hp			
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> </ul> </li> <li>operating power [hp] for 3-phase motors <ul> <li>at 200/208 V at 50 °C rated value</li> <li>at 220/230 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> </ul> </li> </ul>	Type: Class L, max. 1000 A; lq = 18 kA Type: Class L, max. 1000 A; lq = 100 kA 75 hp			
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> </ul> </li> <li>operating power [hp] for 3-phase motors         <ul> <li>at 200/208 V at 50 °C rated value</li> <li>at 220/230 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> </ul> </li> <li>Safety related data</li> </ul>	Type: Class L, max. 1000 A; lq = 18 kA Type: Class L, max. 1000 A; lq = 100 kA 75 hp 100 hp 200 hp			
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> </ul> </li> <li>operating power [hp] for 3-phase motors         <ul> <li>at 200/208 V at 50 °C rated value</li> <li>at 220/230 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> </ul> </li> <li>Safety related data     <ul> <li>protection class IP on the front according to IEC</li> </ul> </li> </ul>	Type: Class L, max. 1000 A; lq = 18 kA Type: Class L, max. 1000 A; lq = 100 kA 75 hp 100 hp			
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> </ul> </li> <li>operating power [hp] for 3-phase motors         <ul> <li>at 200/208 V at 50 °C rated value</li> <li>at 220/230 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> </ul> </li> <li>Safety related data         <ul> <li>protection class IP on the front according to IEC 60529</li> </ul> </li> </ul>	Type: Class L, max. 1000 A; lq = 18 kA Type: Class L, max. 1000 A; lq = 100 kA 75 hp 100 hp 200 hp			
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> </ul> </li> <li>operating power [hp] for 3-phase motors         <ul> <li>at 200/208 V at 50 °C rated value</li> <li>at 220/230 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> </ul> </li> <li>Safety related data         <ul> <li>protection class IP on the front according to IEC 60529</li> <li>touch protection on the front according to IEC 60529</li> </ul> </li> </ul>	Type: Class L, max. 1000 A; lq = 18 kA Type: Class L, max. 1000 A; lq = 100 kA 75 hp 100 hp 200 hp			
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> </ul> </li> <li>operating power [hp] for 3-phase motors         <ul> <li>at 200/208 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> </ul> </li> <li>Safety related data         <ul> <li>protection class IP on the front according to IEC 60529</li> <li>touch protection on the front according to IEC 60529</li> </ul> </li> </ul>	Type: Class L, max. 1000 A; lq = 18 kA Type: Class L, max. 1000 A; lq = 100 kA 75 hp 100 hp 200 hp			
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> </ul> </li> <li>operating power [hp] for 3-phase motors         <ul> <li>at 200/208 V at 50 °C rated value</li> <li>at 220/230 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> </ul> </li> <li>Safety related data         <ul> <li>protection class IP on the front according to IEC 60529</li> <li>touch protection on the front according to IEC 60529</li> </ul> </li> <li>ATEX         <ul> <li>certificate of suitability</li> </ul> </li> </ul>	Type: Class L, max. 1000 A; lq = 18 kA Type: Class L, max. 1000 A; lq = 100 kA 75 hp 100 hp 200 hp IP00; IP20 with cover finger-safe, for vertical contact from the front with cover			
<ul> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V according to UL</li> </ul> </li> <li>operating power [hp] for 3-phase motors         <ul> <li>at 200/208 V at 50 °C rated value</li> <li>at 220/230 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> </ul> </li> <li>Safety related data         <ul> <li>protection class IP on the front according to IEC 60529</li> <li>touch protection on the front according to IEC 60529</li> <li>ATEX</li> <li>ATEX</li> </ul> </li> </ul>	Type: Class L, max. 1000 A; lq = 18 kA Type: Class L, max. 1000 A; lq = 100 kA 75 hp 100 hp 200 hp IIP00; IP20 with cover finger-safe, for vertical contact from the front with cover Yes			
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