## SIEMENS

## Data sheet

## 3RW5056-6TB05



SIRIUS soft starter 200-600 V 171 A, 24 V AC/DC Screw terminals Thermistor input

Figure similar

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>	3RW5980-0HS01		
<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>	3VA2220-7MN32-0AA0; Type of assignment 1, Iq = 20 kA		
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3VA2220-7MN32-0AA0; Type of assignment 1, Iq = 20 kA		
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	3NA3244-6; 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>	3NE1 230-0; 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>	3NE3 335; Type of coordination 2, Iq = 65 kA		
<ul> <li>of line contactor usable up to 480 V</li> </ul>	3RT1056		
<ul> <li>of line contactor usable up to 690 V</li> </ul>	3RT1064		
eneral technical data			
starting voltage [%]	30 100 %		
stopping voltage [%]	50 50 %		
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 acc. to IEC 61557-12	5 %		
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	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	1 800 V			
service factor	1			
reference code acc. to IEC 81346-2	Q			
product function	~			
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)			
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			
communication function	Yes			
operating measured value display	Yes; Only in conjunction with special accessories			
error logbook	Yes; Only in conjunction with special accessories			
• via software parameterizable	No			
via software configurable	Yes			
PROFlenergy	Yes; in connection with the PROFINET Standard communication module			
<ul> <li>voltage ramp</li> </ul>	Yes			
torque control	No			
analog output	No			
Power Electronics				
operational current	174.4			
• at 40 °C rated value	171 A			
• at 50 °C rated value	153 A			
at 60 °C rated value	141 A			
operating voltage				
rated value	200 600 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	45 kW			
• at 400 V at 40 °C rated value	90 kW			
at 500 V at 40 °C rated value	110 kW			
Operating frequency 1 rated value	50 Hz			
Operating frequency 2 rated value	60 Hz -10 %			
relative negative tolerance of the operating frequency relative positive tolerance of the operating frequency	-10 %			
adjustable motor current				
<ul> <li>acjustable motor current</li> <li>at rotary coding switch on switch position 1</li> </ul>	81 A			
<ul> <li>at rotary coding switch on switch position 1</li> <li>at rotary coding switch on switch position 2</li> </ul>	87 A			
<ul> <li>at rotary coding switch on switch position 2</li> <li>at rotary coding switch on switch position 3</li> </ul>	93 A			
<ul> <li>at rotary coding switch on switch position 3</li> <li>at rotary coding switch on switch position 4</li> </ul>	99 A			
<ul> <li>at rotary coding switch on switch position 4</li> <li>at rotary coding switch on switch position 5</li> </ul>	105 A			
a rotary county switch on switch position of				
at rotary coding switch on switch position 6	111 Δ			
<ul> <li>at rotary coding switch on switch position 6</li> <li>at rotary coding switch on switch position 7</li> </ul>	111 A 117 A			
<ul> <li>at rotary coding switch on switch position 6</li> <li>at rotary coding switch on switch position 7</li> <li>at rotary coding switch on switch position 8</li> </ul>	111 A 117 A 123 A			



<ul> <li>at rotary coding switch on switch position 9</li> </ul>	129 A
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	135 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	141 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	147 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	153 A
at rotary coding switch on switch position 14	159 A
at rotary coding switch on switch position 15	165 A
<ul> <li>at rotary coding switch on switch position 16</li> <li>at rotary coding switch on switch position 16</li> </ul>	171 A
minimum	81 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	20.14
• at 40 °C after startup	29 W
• at 50 °C after startup	23 W
• at 60 °C after startup	20 W
power loss [W] at AC at current limitation 350 %	
• at 40 °C during startup	1 751 W
<ul> <li>at 50 °C during startup</li> </ul>	1 478 W
at 60 °C during startup	1 308 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/DC
<ul> <li>control supply voltage at AC at 50 Hz rated value</li> </ul>	24 V
<ul> <li>control supply voltage at AC at 60 Hz rated value</li> </ul>	24 V
relative negative tolerance of the control supply	-20 %
voltage at AC at 50 Hz	
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	20 %
voltage at AC at 60 Hz	
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 %
<ul> <li>control supply voltage at DC rated value</li> </ul>	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	360 mA
locked-rotor current at close of bypass contact maximum	7.6 A
inrush current peak at application of control supply voltage maximum	3.3 A
duration of inrush current peak at application of control supply voltage	12.1 ms
design of the overvoltage protection	Varistor
design of short-circuit protection for control circuit	4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
Inputs/ Outputs	
number of digital inputs	1
number of 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	
Installation/ mounting/ dimensions	·
mstanation, mounting, unitensions	



	_			
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	198 mm			
width	120 mm			
depth	249 mm			
required spacing with side-by-side mounting				
• forwards	10 mm			
backwards				
• upwards	0 mm 100 mm			
downwards	75 mm			
at the side	5 mm			
weight without packaging	5.2 kg			
connections/ Terminals	0.2 kg			
type of electrical connection	husher connection			
<ul> <li>for main current circuit</li> <li>for control circuit</li> </ul>	busbar connection			
width of connection bar maximum	screw-type terminals			
	25 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				
<ul> <li>for main contacts for box terminal using the front clamping point solid</li> </ul>	16 120 mm²			
<ul> <li>for main contacts for box terminal using the front clamping point finely stranded with core end processing</li> </ul>	16 120 mm²			
<ul> <li>for main contacts for box terminal using the front clamping point finely stranded without core end processing</li> </ul>	10 120 mm²			
<ul> <li>for main contacts for box terminal using the front clamping point stranded</li> </ul>	16 70 mm²			
<ul> <li>at AWG cables for main contacts for box terminal using the front clamping point</li> </ul>	6 250 kcmil			
<ul> <li>for main contacts for box terminal using the back clamping point solid</li> </ul>	16 120 mm²			
<ul> <li>at AWG cables for main contacts for box terminal using the back clamping point</li> </ul>	6 250 kcmil			
<ul> <li>for main contacts for box terminal using both clamping points solid</li> </ul>	max. 1x 95 mm², 1x 120 mm²			
<ul> <li>for main contacts for box terminal using both clamping points finely stranded with core end processing</li> </ul>	max. 1x 95 mm², 1x 120 mm²			
<ul> <li>for main contacts for box terminal using both clamping points finely stranded without core end processing</li> </ul>	max. 1x 95 mm², 1x 120 mm²			
<ul> <li>for main contacts for box terminal using both clamping points stranded</li> </ul>	max. 2x 120 mm <sup>2</sup>			
<ul> <li>for main contacts for box terminal using the back clamping point finely stranded with core end processing</li> </ul>	16 120 mm²			
<ul> <li>for main contacts for box terminal using the back clamping point finely stranded without core end processing</li> </ul>	10 120 mm²			
<ul> <li>for main contacts for box terminal using the back clamping point stranded</li> </ul>	16 120 mm²			
type of connectable conductor cross-sections				
at AWG cables for main current circuit solid	4 250 kcmil			
<ul> <li>for DIN cable lug for main contacts stranded</li> </ul>	16 95 mm²			
<ul> <li>for DIN cable lug for main contacts finely stranded</li> </ul>	25 120 mm <sup>2</sup>			
type of connectable conductor cross-sections				

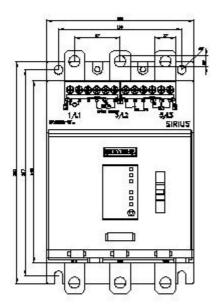


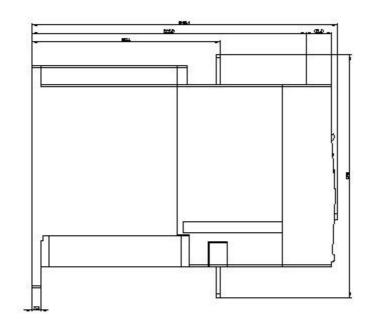
<ul> <li>for control circuit finely stranded with core end</li> </ul>	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)		
processing			
<ul> <li>at AWG cables for control circuit solid</li> </ul>	1x (20 12), 2x (20 14)		
wire length			
<ul> <li>between soft starter and motor maximum</li> </ul>	800 m		
<ul> <li>at the digital inputs at AC maximum</li> </ul>	1 000 m		
tightening torque			
<ul> <li>for main contacts with screw-type terminals</li> </ul>	10 14 N·m		
<ul> <li>for auxiliary and control contacts with screw-type</li> </ul>	0.8 1.2 N·m		
terminals	0.0 1.2 N III		
tightening torque [lbf·in]			
<ul> <li>for main contacts with screw-type terminals</li> </ul>	89 124 lbf·in		
<ul> <li>for auxiliary and control contacts with screw-type</li> </ul>	7 10.3 lbf·in		
terminals	7 10.0 bi iii		
Ambient conditions			
installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see manual		
<ul> <li>ambient temperature during operation</li> </ul>	-25 +60 °C; Please observe derating at temperatures of 40 °C or above		
<ul> <li>ambient temperature 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		
e during storage app. to IEC 60721			
<ul> <li>during storage acc. 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 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			
	Ver		
PROFINET standard	Yes		
• EtherNet/IP	Yes		
Modbus RTU	Yes		
Modbus TCP	Yes		
PROFIBUS	Yes		
UL/CSA ratings			
manufacturer's article number			
of circuit breaker			
	Siemens type: 3VA5225, max. 250 A; Iq = 10 kA		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> </ul> </li> </ul>	Siemens type: 3VA5225, max. 250 A; Iq = 10 kA Siemens type: 3VA52, max. 250 A; Iq max = 65 kA		
<ul> <li>of circuit breaker</li> <li>— usable for Standard Faults at 460/480 V</li> </ul>			
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according</li> </ul> </li> </ul>			
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V</li> </ul> </li> </ul>			
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> </ul> </li> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V</li> </ul> </li> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for High Faults up to 575/600 V</li> </ul> </li> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for 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> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for 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</li> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for 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> <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>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for 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> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for 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> <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> <li>at 575/600 V at 50 °C rated value</li> </ul> </li> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for 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> <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 575/600 V at 50 °C rated value</li> </ul> </li> <li>Safety related data</li> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp 150 hp		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for 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> <li>at 575/600 V at 50 °C rated value</li> </ul> </li> <li>Safety related data         <ul> <li>protection class IP on the front acc. to IEC 60529</li> </ul> </li> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp 150 hp		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for 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> <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> <li>at 575/600 V at 50 °C rated value</li> <li>Safety related data</li> </ul> </li> <li>protection class IP on the front acc. to IEC 60529         <ul> <li>touch protection on the front acc. to IEC 60529</li> </ul> </li> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp 150 hp		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for 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> <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> <li>at 575/600 V at 50 °C rated value</li> <li>Safety related data</li> </ul> </li> <li>protection class IP on the front acc. to IEC 60529         <ul> <li>touch protection on the front acc. to IEC 60529</li> </ul> </li> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp 150 hp		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> </ul> </li> <li>of the fuse         <ul> <li>usable for Standard Faults up to 575/600 V according to UL</li> <li>usable for 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> <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> <li>at 575/600 V at 50 °C rated value</li> <li>Safety related data</li> </ul> </li> <li>protection class IP on the front acc. to IEC 60529         <ul> <li>touch protection on the front acc. to IEC 60529</li> </ul> </li> </ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp 150 hp 150 hp		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse                 <ul></ul></li></ul></li></ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp 150 hp 150 hp Yes		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse                 <ul></ul></li></ul></li></ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp 150 hp 1FP00; IP20 with cover finger-safe, for vertical contact from the front with cover Yes Yes		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse                 <ul></ul></li></ul></li></ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp 150 hp 150 hp Yes		
<ul> <li>of circuit breaker         <ul> <li>usable for Standard Faults at 460/480 V according to UL</li> <li>usable for High Faults at 460/480 V according to UL</li> <li>of the fuse                 <ul></ul></li></ul></li></ul>	Siemens type: 3VA52, max. 250 A; lq max = 65 kA Type: Class RK5 / K5, max. 400 A; lq = 10 kA Type: Class J, max. 350 A; lq = 100 kA 50 hp 50 hp 100 hp 150 hp 1FP00; IP20 with cover finger-safe, for vertical contact from the front with cover Yes Yes		



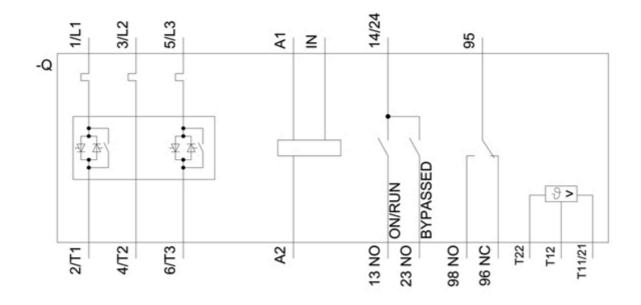
relating to ATEX					
PFHD with high demand rate acc. to EN 6 to ATEX	2061 relating	0.000009 1/h			
Safety Integrity Level (SIL) acc. to IEC 615 to ATEX	508 relating	SIL1			
T1 value for proof test interval or service IEC 61508 relating to ATEX	life acc. to	3 у			
ertificates/ approvals					
General Product Approval			For use in hazardo	For use in hazardous locations	
	(U) III	EHC	IECE×	K ATEX	
Declaration of Conformity	Test Certifica	es	other		
EG-Konf. Miscellaneous	<u>Type Test</u> <u>Certificates/T</u> <u>Report</u>	<u>Type Test</u> <u>est Certificates/Test</u> <u>Report</u>	<u>Confirmation</u>	<u>Confirmation</u>	
urther information					
Information- and Downloadcenter (Catalo https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en Cax online generator http://support.automation.siemens.com/WW// Service&Support (Manuals, Certificates, C https://support.industry.siemens.com/cs/ww/ Image database (product images, 2D dimo http://www.automation.siemens.com/bilddb/c Characteristic: Tripping characteristics, I <sup>2</sup> https://support.industry.siemens.com/cs/ww/ Characteristic: Installation altitude http://www.automation.siemens.com/bilddb/i	/Catalog/product CAXorder/default Characteristics, I en/ps/3RW5056- ension drawings cax_de.aspx?mlfb 't, Let-through c	Pmlfb=3RW5056-6TB05 .aspx?lang=en&mlfb=3RV FAQs,) 5TB05 , 3D models, device circu =3RW5056-6TB05⟨= urrent	uit diagrams, EPLAN ma	cros,)	











last modified:

12/15/2020 🖸



12.21.2020