## **SIEMENS**

Data sheet 3RW5055-6AB15



SIRIUS soft starter 200-600 V 143 A, 110-250 V AC Screw terminals Analog output

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 227-0; 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 334 -0B; Type of coordination 2, Iq = 65 kA
<ul> <li>of line contactor usable up to 480 V</li> </ul>	<u>3RT1055</u>
<ul> <li>of line contactor usable up to 690 V</li> </ul>	<u>3RT1055</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
is supported 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
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
Substance Prohibitance (Date)	09/23/2019
product function	
<ul><li>ramp-up (soft starting)</li></ul>	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; Electronic motor overload protection
evaluation of thermistor motor protection	No
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
voltage ramp	Yes
• torque control	No
analog output	Yes; 4 20 mA (default) / 0 10 V (parameterizable with High Feature HMI)
Power Electronics	
operational current	
at 40 °C rated value	143 A
• at 50 °C rated value	128 A
at 60 °C rated value	118 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	
<ul> <li>at 230 V at 40 °C rated value</li> </ul>	37 kW
<ul> <li>at 400 V at 40 °C rated value</li> </ul>	75 kW
<ul> <li>at 500 V at 40 °C rated value</li> </ul>	90 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>	68 A
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	73 A
<ul> <li>at rotary coding switch on switch position 3</li> </ul>	78 A
, ,	

<ul> <li>at rotary coding switch on switch position 4</li> </ul>	83 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	88 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	93 A
at rotary coding switch on switch position 7	98 A
at rotary coding switch on switch position 8	103 A
at rotary coding switch on switch position 9	108 A
, ,	
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	113 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	118 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	123 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	128 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	133 A
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	138 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	143 A
• minimum	68 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	
• at 40 °C after startup	23 W
at 50 °C after startup	19 W
• at 60 °C after startup	16 W
· · · · · · · · · · · · · · · · · · ·	10 44
power loss [W] at AC at current limitation 350 %	4.226 W
• at 40 °C during startup	1 336 W
• at 50 °C during startup	1 134 W
at 60 °C during startup	1 007 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
relative negative tolerance of the control supply	-15 %
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	-10 %
voltage frequency relative positive tolerance of the control supply	10 %
voltage frequency	10 /3
control supply current in standby mode rated value	30 mA
holding current in bypass operation rated value	80 mA
locked-rotor current at close of bypass contact maximum	2.5 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
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
Inpute/ Outpute	not part of scope of supply
Inputs/ Outputs	
number of digital inputs	1
number of digital outputs	3
not parameterizable	2
digital output version	2 normally-open contacts (NO) / 1 changeover contact (CO)
number of analog outputs	1
switching capacity current of the relay outputs	
<ul> <li>at AC-15 at 250 V rated value</li> </ul>	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	198 mm
width	120 mm
depth	249 mm
required spacing with side-by-side mounting	
• forwards	10 mm
<ul><li>backwards</li></ul>	0 mm
• upwards	100 mm
• downwards	75 mm
at the side	5 mm
weight without packaging	3.2 kg
Connections/ Terminals	
type of electrical connection	
for main current circuit	busbar connection
for control circuit	screw-type terminals
width of connection bar maximum	25 mm
type of connectable conductor cross-sections	20
for main contacts for box terminal using the front clamping point solid	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
for main contacts for box terminal using both clamping points stranded	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
for main contacts for box terminal using the back clamping point stranded	16 120 mm²
type of connectable conductor cross-sections	
<ul> <li>at AWG cables for main current circuit solid</li> </ul>	4 250 kcmil
<ul> <li>for DIN cable lug for main contacts stranded</li> </ul>	16 95 mm²
for DIN cable lug for main contacts finely stranded	25 120 mm²
type of connectable conductor cross-sections	
for control circuit solid	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)
<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
at AWG cables for control circuit solid  wire length	1x (20 12), 2x (20 14)

Set between soft starter and motor maximum     all the digital inputs at AC maximum     1000 m  10phening torque     ior main condacts with screw-type terminals     ior auxiliary and control contacts with screw-type terminals     ior auxiliary and terminals		
Total price	<ul> <li>between soft starter and motor maximum</li> </ul>	800 m
or and contacts with screw-type terminals of a auxiliary and control contacts with screw-type terminals terminals  lightering torque (Ibrin) or main contacts with screw-type terminals of auxiliary and control contacts with screw-type terminals of auxiliary and control contacts with screw-type terminals of auxiliary and control contacts with screw-type terminals metallation altitude at height above sea level maximum ambient temperature of uting operation of uting storage and transport  of uting storage and transport  of uting storage according to IEC 60721  of uting transport according t	at the digital inputs at AC maximum	1 000 m
• for auxiliary and control contacts with screw-type terminals     • for fauxiliary and control contacts with screw-type terminals     • for fauxiliary and control contacts with screw-type terminals     • for fauxiliary 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 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 contact with screw-type terminals     • for auxiliary and control contact with screw-type terminals     • for auxiliary and control contact with screw-type terminals     • for auxiliary and control contact with screw-type terminals     • for auxiliary and control contact with screw-type terminals     • for auxiliary and control contact with screw-type terminals     • for auxiliary and control contact with screw-type terminals     • for auxiliary and control contact with screw-type terminals     • for auxiliary and control contact wi	tightening torque	
terminals  (bytharing lorque [lbf-in]  • for main contacts with screw-type terminals  • for auxilizing and control contacts with screw-type terminals  Anhiers conditions  installation altitude at height above sea level maximum ambient temperature  • during peration  • during peration  • during storage and transport  • during storage and transport  • during storage according to IEC 60721  • during peration according to IEC 60721  • during peration according to IEC 60721  • during transport according to IEC 60721  * during transport acco	<ul> <li>for main contacts with screw-type terminals</li> </ul>	10 14 N·m
tightening torque (Ibfrin)  • 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 operation • during operation • during storage and transport • 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  EMC emitted inferference  communication module is supported • PROFINET standard • PROFINET standard • Elenchedip • Medous RTU • Modus RTU • Yes • Modus RTU • of circuit breaker — usable for Standard Faults at 460/480 V according to IEC 8072 according to U. • of the fuse — usable for Standard Faults up to 575/600 V according to U. • of the fuse — usable for Standard Faults up to 575/600 V according to U. • of the fuse — usable for Standard Faults up to 575/600 V according to U. • of the fuse — usable for Standard Faults up to 575/600 V according to U. • of the fuse — usable for Standard Faults up to 575/600 V according to U. • of the fuse — usable for Standard Faults up to 575/600 V according to U. • of the fuse — usable for Standard Faults up to 575/600 V according to U. • of the fuse  — usable for Standard Faults up to 575/600 V according to U. • of the fuse — usable for Standard Faults up to 575/600 V according to U. • of the fuse  — usable for Standard Faults up to 575/600 V according to U. • of the fuse  — usable for Standard Faults up to 575/600 V according to U. • of the fuse  — usable for Standard Faults up to 575/600 V according to U. • of the fuse  — usable for Standard Faults up to 575/600 V according to U. • of the fuse  — usable for Standard Faults up to 575/600 V according to U. • of the fuse  — usable for	<ul> <li>for auxiliary and control contacts with screw-type</li> </ul>	0.8 1.2 N·m
• 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 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 it insport according to IEC 60721  EMC emitted interference  Communication in module is supported • PROFINET standard • Elen-Revall • PROFINET standard • Elen-Revall • PROFINET standard • Care according to IEC 60721 • Modobus RTU • Modobus RTU • Modobus TCP • PROFIBUS  Ves  UICSA ratings  manufacturer's article number • of circuit breaker • usable for Standard Faults at 460480 V according to IEC • of the fuse • usable for Standard Faults up to 575600 V according to IEC • at 2002/08 V at 50 °C rated value • at 400480 V at 50 °C rated value • at 400480 V at 50 °C rated value • at 400480 V at 50 °C rated value • at 400480 V at 50 °C rated value • at 400480 V at 50 °C rated value • at 400480 V at 50 °C rated value • at 400480 V at 50 °C rated value • at 575000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 75000 V at 50 °C rated value • at 7	terminals	
For sucilary and control contacts with screw-type terminals		
Ambient conditions installation attitude at height above sea level maximum ambient temperature • during operation • during storage and transport • during storage and transport • during storage and transport • during storage according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 • during transport according to IEC 60721 • REKC emitted interference  Communication Protocol  communication Protocol  communication module is supported • PROFINET standard Faults at 460/480 V according to UL • of the fuse • usable for Standard Faults up to 575/600 V according to UL • of the fuse • usable for Standard Faults up to 575/600 V according to UL • or the fuse • at 220/230 V at 50 °C rated value • at 480/480 V at 50 °C rated value • at 480/480 V at 50 °C rated value • at 480/480 V at 50 °C rated value • at 480/480 V at 50 °C rated value • at 480/480 V at 50 °C rated value • at 480/480 V at 50 °C rated value • at 675/600 V at 60 °C rated value • at 675/600 V at 60 °C rated value • at 675/600 V at 60 °C rated value • at 757/600 V at 60 °C rated value • at 757/600 V at 60 °C rated value • ATEX • IECEX • NECEX • PED Party with low demand rate according to IEC 61508 relating to ATEX • PEPDay with low demand rate according to IEC 61508 relating to ATEX • PEPD with high demand rate according to IEC 61508 relating to ATEX  Type of the standard faults uncording to IEC 61508 relating to ATEX  Type of the standard faults uncording to IEC 61508 relating to ATEX  Type of the standard faults uncording to IEC 61508 relating to ATEX	<ul> <li>for main contacts with screw-type terminals</li> </ul>	89 124 lbf·in
Ambient conditions  installation altitude at height above sea level maximum ambient temperature  • during operation  • during storage and transport  • during peration according to IEC 60721  • during storage according to IEC 60721  • during transport according to IEC 60721  • DEC emitted interference  communication module is supported  • PROFIBUS  PROFIBUS  PROFIBUS  * Yes  • Modbus RTU  • Modbus TCP  • Standard Faults at 460480 V  according to UL  • usable for Standard Faults up to 575/600 V  according to UL  - usable for Fathed Faults up to 575/600 V  according to UL  - usable for Fathed Value  • at 220/230 V at 50 °C rated Value  • at 220/230 V at 50 °C rated Value  • at 220/230 V at 50 °C rated Value  • at 2575/600 V at 50 °C rated Value  • at 575/600 V at 50 °C rated Value  • ATEX  • IECEX  * PEPOPA with high demand rate according to IEC 61508 relating to ATEX  PEPOPA with high demand rate according to IEC 61508 relating to ATEX  Type III Value for proof test interval or service life  * Signer p	,	7 10.3 lbf·in
installation attitude at height above sea level maximum ambient temperature • during operation • 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 secording to IEC 60721 • during transport secording to IEC 60721  EMC emitted interference communication Protocol  communication Protocol  communication module is supported • PROFINET standard • EihenNet/IP • Modobus RTU • Modobus RTU • PROFIBUS  UCGSA ratings  manufacturer's article number • of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for Handard Faults up to 575/600 V according to UL — usable for Handard Faults up to 575/600 V according to UL — usable for Handard Faults up to 575/600 V according to UL  operating power (tip) for 3-phase motors • at 200/208 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 57		
amblent temperature  • during operation  • during storage and transport  environmental category  • during storage according to IEC 60721  EMC emitted interference  communication Fortocol  communication Fortocol  communication module is supported  • PROFINET standard  • PROFINET standard  • EitherNet/IP  • Modobus RTU  • Modobus TCP  • PROFIBUS  UL/CSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to IEC  • usable for Standard Faults up to 575/600 V according to IEC  operating power (inp) for 3-phase motors  • at 200/208 V at 50° C rated value  • at 480/480 V at 50° C rated value  • at 480/480 V at 50° C rated value  • at 480/480 V at 50° C rated value  • at 480/480 V at 50° C rated value  • at 575/600 V according to IEC  69529  Touch protection class IP on the front according to IEC  69529  Touch protection on the front according to IEC 69529  ATEX  certificate of suitability  • ATEX  • IECEx  hardware fault tolerance according to IEC 61508  relating to ATEX  PFDPug with low demand rate according to IEC 61508  relating to ATEX  Figure Type of test interval or service IIfe  3 y		
during operation     during storage and transport     during storage and transport     during storage and transport     during storage according to IEC 60721     during transport according to IEC 60721     during transport according to IEC 60721     REVICE emitted interference     Communication Protocol     communication module is supported     PROFINET standard     PROFINET standard     PROFINET standard     PROFINEUS     Wes     REMEMBRIP     Modbus RTU     PROFINEUS		5 000 m; derating as of 1000 m, see Manual
e during storage and transport environmental category  • during operation according to IEC 60721  • during storage according to IEC 60721  EMC emitted interference  Communication/ Protocol  communication/ Pr	•	
e during storage and transport environmental category e during peration according to IEC 60721 eduring operation according to IEC 60721 eduring operation according to IEC 60721 eduring storage according to IEC 60721 eduring transport according to IEC 60721 eduring transport according to IEC 60721 EMC emitted interference communication/ Protocol communication Protocol communication module is supported e PROFINET standard e PROFINET standard e PROFINET standard e PROFINET standard e PROFINES environmental enumber e of circuit breaker e usable for Standard Faults at 460/480 V according to UL e of the fuse e usable for Standard Faults at 460/480 V according to UL e of the fuse according to UL evaluate full plants and to the supported e at 220/230 V at 50 °C rated value e at 220/230 V at 50 °C rated value e at 460/480 V at 50 °C rated value e at 460/480 V at 50 °C rated value e at 220/230 V at 50 °C rated value e at 460/480 V at 50 °C rated value e at 460/480 V at 50 °C rated value e at 220/230 V at 50 °C rated value e at 460/480 V at 50 °C rated value e at 250/500 V at 50 °C rated value e at 250/500 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 675/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 575/600 V at 50 °C rated value e at 675/600 V at 50 °C rated value e at 675/600 V at 50 °C rated value e at 675/600 V at 50 °C rated value e at 675/600 V at 50 °C rated value e at 675/600 V at 50 °C rated value e at 675/6	<ul><li>during operation</li></ul>	
environmental category  • 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  EMC emitted interference  Communication/ Protocol  communication module is supported  • PROFIBUS  • PROFIBUS  • PROFIBUS  • PROFIBUS  • PROFIBUS   **Yes  • PROFIBUS  **Yes  **ULCSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  • of the fuse  — usable for Standard Faults up to 575/600 V according to UL  • or the fuse  — usable for Standard Faults up to 575/600 V according to UL  • or the fuse  — usable for Standard Faults up to 575/600 V according to UL  • or the fuse  — usable for Standard Faults up to 575/600 V according to UL  • or the fuse  — usable for Standard Faults up to 575/600 V according to UL  • or the fuse  — usable for Standard Faults up to 575/600 V according to UE  • At 200/200 V at 50 °C rated value  • at 200/200 V at 50 °C rated value  • at 450/480 V at 50 °C rated value  • at 450/480 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  • At 60/480 V at 50 °C rated value  • At 60/480 V at 50 °C rated value  • At 60/480 V at 50 °C rated value  • At 60/480 V at 50 °C	- during atomorp 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/Protocol     PROFINET standard     PROFINET standard     PROFIBUS     Modbus RTU     Modbus RTU     Modbus RTU     Modbus RTU     Nes September		-40 +80 C
mist), \$32 (sand must not get into the devices), 3M6  4 during storage according to IEC 60721  4 during transport according to IEC 60721  EMC emitted Interference  Communication/Protocol  communicat	5 .	2K6 (no ice formation, only acceptant) and anaction) 2C2 (no celt
during storage according to IEC 60721     during transport according to IEC 61508 relating to ATEX     during transport accordi	during operation according to IEC 60721	, ,
o during transport according to IEC 60721     2K2, 2C1, 2S1, 2S1, 2M2 (max. fall height 0.3 m)     acc. to IEC 60947-4-2: Class A  Communication Protocol  communication Protocol  communication Module is supported     PROFINET standard     PROFINET standard     PROFINET standard     PROFINET standard     PROFINET standard     PROFINED     Modbus RTU     Yes     PROFIBUS     Yes  UL/GSA ratings  manufacturer's article number     of circuit breaker     — usable for Standard Faults at 460/480 V according to UL     of the fuse     — usable for Standard Faults up to 575/600 V according to UL     — usable for Standard Faults up to 575/600 V according to UL     operating power (Inp) for 3-phase motors     at 200/208 V at 50 °C rated value     at 460/480 V at 50 °C rated value     at 460/480 V at 50 °C rated value     at 460/480 V at 50 °C rated value     at 4575/600 V at 50 °C rated value     at 4575/600 V at 50 °C rated value     at 4575/600 V at 50 °C rated value     at 575/600 V at 50 °C rated value     at 575/600 V at 50 °C rated value     at 575/600 V at 50 °C rated value     at 675/600 V at 50 °C rated value     a	during storage according to IEC 60721	, , ,
during transport according to IEC 60721     2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)     acc. to IEC 60947-4-2: Class A     communication module is supported         PROFINET standard         PROFINET standard         PROFINET standard         Process         PROFINET standard         Process         PROFINET standard         Process	adming otorage according to 120 00721	
EMC emitted interference  communication Protocol  communication module is supported  PROFINET standard  PROFINET standard  EtherNet/IP  Modbus RTU  Modbus RTU  PROFIBUS  Ves  Was  Modbus RTU  PROFIBUS  Ves  UL/CSA ratings  manufacturer's article number  of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  of the fuse  — usable for Standard Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  Operating power (Inp) for 3-phase motors  ot 200/208 V at 50 °C rated value  ot 200/208 V at 50 °C rated value  ot 40 hp  ot 40 hp  ot 40 hp  ot 40 hp  ot 4575/600 V at 50 °C rated value  ot 4575/600 V at 50 °C rated value  ot 4575/600 V at 50 °C rated value  ot 575/600 V at 57 °C rat	<ul> <li>during transport according to IEC 60721</li> </ul>	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)
Communication module is supported  PROFINET standard PROFINET standard PROFINET standard Profice Standard Profixed Standard Profixed Standard Profixed Standard Profixed Standard Profixed Standard Standard Profixed Standard Stand		
communication module is supported  PROFINET' standard  EtherNet/IP  Modobus RTU  Modobus TCP  PROFIBUS  Ves  Yes  Yes  Yes  Yes  Yes  Yes  Yes	Communication/ Protocol	
PROFINET standard  EtherNet/IP  Modbus RTU  Modbus RTU  Modbus TCP  PROFIBUS  Ves  Ves  Ves  Ves  Ves  Ves  Ves  Ve		
EtherNet/IP  Modbus RTU  Modbus TCP  PROFIBUS  Wes  PROFIBUS  Wes  Ves  Ves  Ves  Ves  Ves  Ves  Ves	•••	Yes
Modbus RTU  Modbus TCP  PROFIBUS  Ves  Ves  Ves  Ves  Ves  Ves  Ves  Ve		
Modbus TCP PROFIBUS Pres PROFIBUS  Ves  Ves  UL/CSA ratings  manufacturer's article number of circuit breaker — usable for Standard Faults at 460/480 V according to UL  of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL  Operating power (Inpl for 3-phase motors of at 220/230 V at 50 °C rated value of at 460/480 V at 50 °C rated value of at 460/480 V at 50 °C rated value of at 575/600 V at 50 °C rated value of the fuse  Protection class IP on the front according to IEC 69529  ATEX  certificate of suitability ATEX ECECT  hardware fault tolerance according to IEC 61508 relating to ATEX  PFHD with high demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T Y value for proof test interval or service life  Yes  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA		
PROFIBUS  UL/CSA ratings  manufacturer's article number  of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  of the fuse  — usable for Standard Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  Operating power [hp] for 3-phase motors  otation at 20/230 V at 50 °C rated value  otation at 460/480 V at 50 °C rated value  otation at 575/600 V at 50 °C rated value  otation at 575/600 V at 50 °C rated value  touch protection class IP on the front according to IEC 60529  ATEX  Certificate of suitability  ATEX  Certificate of suitability  ATEX  EICCE  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDay with low demand rate according to IEC 61508 relating to ATEX  PFDAY with low demand rate according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  Type: Class RK5 / K5, max. 250 A; Iq = 10 kA  Type: Class J, max. 350 A; Iq = 10 kA  Type: C		
manufacturer's article number  of circuit breaker — usable for Standard Faults at 460/480 V according to UL  of the fuse — usable for Standard Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL — usable for High Faults up to 575/600 V according to UL  operating power [hp] for 3-phase motors  at 200/208 V at 50 °C rated value  at 460/480 V at 50 °C rated value  at 460/480 V at 50 °C rated value  at 460/480 V at 50 °C rated value  at 4575/600 V at 50 °C rated value  125 hp  Safety related data protection class IP on the front according to IEC 60529  touch protection on the front a		
manufacturer's article number  of circuit breaker — usable for Standard Faults at 460/480 V according to UL.  of the fuse — usable for Standard Faults up to 575/600 V according to UL. — usable for High Faults up to 575/600 V according to UL. — usable for High Faults up to 575/600 V according to UL. — usable for High Faults up to 575/600 V according to UL. — usable for High Faults up to 575/600 V according to UL. — usable for High Faults up to 575/600 V according to UL. — usable for High Faults up to 575/600 V according to UL. — usable for High Faults up to 575/600 V according to UL.  operating power [high for 3-phase motors  at 200/208 V at 50 °C rated value 40 hp at 250/230 V at 50 °C rated value 40 hp at 460/480 V at 50 °C rated value 100 hp at 575/600 V at 50 °C rated value 125 hp  Safety related data protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX certificate of suitability ATEX  EICEE  AREA  EICEE  Yes  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDu with high demand rate according to IEC 61508 relating to ATEX  PFDu with high demand rate according to IEC 61508 relating to ATEX  PFID with high demand rate according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  3 y		163
of circuit breaker         — usable for Standard Faults at 460/480 V         according to UL     of the fuse         — usable for Standard Faults up to 575/600 V         according to UL         — usable for High Faults up to 575/600 V         according to UL         — usable for High Faults up to 575/600 V         according to UL         — usable for High Faults up to 575/600 V         according to UL  operating power [hp] for 3-phase motors         • at 200/208 V at 50 °C rated value         • at 220/230 V at 50 °C rated value         • at 460/480 V at 50 °C rated value         • at 460/480 V at 50 °C rated value         • at 575/600 V at 50 °C rated value         • at 575/600 V at 50 °C rated value         • at 757/600 V at 50 °C rated value         • at 757/600 V at 50 °C rated value         • at 757/600 V at 50 °C rated value         • at 757/600 V at 50 °C rated value         • at 757/600 V at 50 °C rated value         • protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX  certificate of suitability         • ATEX         • IECEx  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  3 y		
- usable for Standard Faults at 460/480 V according to UL  • of the fuse  - usable for Standard Faults up to 575/600 V according to UL  - usable for High Faults up to 575/600 V according to UL  - usable for High Faults up to 575/600 V according to UL  operating power [hp] for 3-phase motors  • at 200/208 V at 50 °C rated value • at 220/230 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 575/600 V at 50 °C rated value  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX  certificate of suitability • ATEX • IECEX  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFD with high demand rate according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  Siemens type: 3VA5225, max. 250 A; Iq = 10 kA  Type: Class RK5 / K5, max. 350 A; Iq = 10		
according to UL  of the fuse  — usable for Standard Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults up to 575/600 V according to UL  Operating power [hp] for 3-phase motors  otat 200/208 V at 50 °C rated value  otat 220/230 V at 50 °C rated value  otat 460/480 V at 50 °C rated value  otat 575/600 V at 50 °C rated value  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX  otation  ATEX  otation  yes  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  3 y		0:
of the fuse          — usable for Standard Faults up to 575/600 V according to UL          — usable for High Faults up to 575/600 V according to UL          — usable for High Faults up to 575/600 V according to UL          operating power [hp] for 3-phase motors         • at 200/208 V at 50 °C rated value         • at 220/230 V at 50 °C rated value         • at 460/480 V at 50 °C rated value         • at 575/600 V at 50 °C rated value         • at 575/600 V at 50 °C rated value         • at 575/600 V at 50 °C rated value          protection class IP on the front according to IEC         60529          touch protection on the front according to IEC 60529          ATEX          certificate of suitability         • ATEX		Siemens type: 3VA5225, max. 250 A; Iq = 10 kA
— usable for Standard Faults up to 575/600 V according to UL. — usable for High Faults up to 575/600 V according to UL.  Operating power [hp] for 3-phase motors  • at 200/208 V at 50 °C rated value • at 220/230 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 575/600 V at 50 °C rated value  Protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX certificate of suitability • ATEX • IECEX hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  3 y	-	
according to UL  — usable for High Faults up to 575/600 V according to UL  operating power [hp] for 3-phase motors  • at 200/208 V at 50 °C rated value • at 220/230 V at 50 °C rated value • at 460/480 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 575/600 V at 50 °C rated value • at 575/600 V at 50 °C rated value  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  finger-safe, for vertical contact from the front with cover  PFS  O  O  O  O  O  O  O  O  O  O  O  O  O		Type: Class RK5 / K5 max 350 A: Id = 10 kA
operating power [hp] for 3-phase motors  • at 200/208 V at 50 °C rated value  • at 220/230 V at 50 °C rated value  • at 460/480 V at 50 °C rated value  • at 460/480 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  100 hp  • at 575/600 V at 50 °C rated value  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX  certificate of suitability  • ATEX  • IECEX  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  40 hp  40 h		7)po. 01400 1110 / 110, 114.1. 000 / 1, 19 10 10 1
operating power [hp] for 3-phase motors  • at 200/208 V at 50 °C rated value  • at 220/230 V at 50 °C rated value  • at 460/480 V at 50 °C rated value  • at 460/480 V at 50 °C rated value  • at 575/600 V at 50 °C rated value  100 hp  • at 575/600 V at 50 °C rated value  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX  certificate of suitability  • ATEX  • IECEX  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  40 hp  40	— usable for High Faults up to 575/600 V	Type: Class J, max. 350 A; Iq = 100 kA
at 200/208 V at 50 °C rated value at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 460/480 V at 50 °C rated value at 575/600 V at 50 °C rated value  100 hp at 575/600 V at 50 °C rated value  25 hp  Safety related data  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX  certificate of suitability  ATEX  IECEX  IP00; IP20 with cover  finger-safe, for vertical contact from the front with cover  Yes  IECEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  3 y	according to UL	
at 220/230 V at 50 °C rated value at 460/480 V at 50 °C rated value at 575/600 V at 50 °C rated value at 575/600 V at 50 °C rated value  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX  certificate of suitability  ATEX  relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  40 hp  100 hp	operating power [hp] for 3-phase motors	
at 460/480 V at 50 °C rated value  at 575/600 V at 50 °C rated value  Total value  at 575/600 V at 50 °C rated value   Total value  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  finger-safe, for vertical contact from the front with cover  ATEX  certificate of suitability  ATEX  IECEX  PEDavg with low demand rate according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFDD with cover  On the front with cover  ATEX  Yes  Yes  On the front with cover  Yes  On the front with cover  On the front with	<ul> <li>at 200/208 V at 50 °C rated value</li> </ul>	40 hp
at 575/600 V at 50 °C rated value  Safety related data  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX  certificate of suitability  • ATEX  • IECEX  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFDD with low demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  IP00; IP20 with cover  IP00; IP20 with cover  finger-safe, for vertical contact from the front with cover  ATEX  Yes  Yes  0.09  9E-6 1/h  SIL1	<ul> <li>at 220/230 V at 50 °C rated value</li> </ul>	40 hp
Protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  ATEX  certificate of suitability  • ATEX  • IECEx  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to IEC 61508 galating to ATEX  PFHD with high demand rate according to IEC 61508 galating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  IP00; IP20 with cover  IP00; IP20 with cover  finger-safe, for vertical contact from the front with cover  IP00; IP20 with cover  0.09  100; IP20 with cover  0.09  100; IP20 with cover  0.09  100; IP20 with cover  100	<ul> <li>at 460/480 V at 50 °C rated value</li> </ul>	100 hp
protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  finger-safe, for vertical contact from the front with cover  ATEX  certificate of suitability  • ATEX  • IECEX  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  IP00; IP20 with cover  finger-safe, for vertical contact from the front with cover  100; IP20 with cover  for vertical contact from the front with cover  Yes  0 0 0 1009  FENDAME  SIL1  T1 value for proof test interval or service life  3 y	<ul> <li>at 575/600 V at 50 °C rated value</li> </ul>	125 hp
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front with cover  ATEX  certificate of suitability  • ATEX  • IECEX  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  3 y	Safety related data	
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front with cover  ATEX  certificate of suitability  • ATEX  • IECEX  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  3 y	protection class IP on the front according to IEC	IP00; IP20 with cover
certificate of suitability  • ATEX  • IECEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  Yes  Yes  0  0  0  0  9  0  0  9  SIL1		
certificate of suitability  • ATEX  • IECEX  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  3 y	touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front with cover
● ATEX  ● IECEx  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  Yes  Yes  0.09  SIL1	ATEX	
● IECEx  hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  Yes  0.09 SIL1	certificate of suitability	
hardware fault tolerance according to IEC 61508 relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  0 0.09 SIL1 9E-6 1/h SIL1	• ATEX	Yes
relating to ATEX  PFDavg with low demand rate according to IEC 61508 relating to ATEX  PFHD with high demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  0.09  9E-6 1/h  SIL1  3 y	• IECEx	Yes
relating to ATEX  PFHD with high demand rate according to EN 62061 relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life 3 y		0
relating to ATEX  Safety Integrity Level (SIL) according to IEC 61508 relating to ATEX  T1 value for proof test interval or service life  3 y		0.09
relating to ATÉX  T1 value for proof test interval or service life  3 y		9E-6 1/h
		SIL1

## Certificates/ approvals

## **General Product Approval**

For use in hazardous locations



Confirmation









For use in hazardous locations Declaration of Conformity

**Test Certificates** 

Marine / Shipping





Type Test Certificates/Test Report







other

Confirmation

## Further information

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5055-6AB15

Cax online generator

 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RW5055-6AB15}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RW5055-6AB15

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5055-6AB15&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RW5055-6AB15/char

Characteristic: Installation altitude

Simulation Tool for Soft Starters (STS)

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

last modified:

4/11/2022