## **SIEMENS**

Data sheet 3RW5234-2AC04

oroduct category oroduct designation oroduct type designation oroduct type designation manufacturer's article number  of standard HMI module usable of high feature HMI module usable of communication module PROFINET standard usable of communication module PROFIBUS usable of communication module Modbus TCP usable of communication module Modbus RTU usable of communication module Ethernet/IP of circuit breaker usable at 400 V of circuit breaker usable at 400 V at inside-delta circuit of the gG fuse usable at inside-delta circuit up to 500 V of full range R fuse link for semiconductor protection	SIRIUS  Hybrid switching devices  Soft starter  3RW5980-0HS00  3RW5980-0HF00  3RW5980-0CS00  3RW5980-0CP00  3RW5980-0CT00  3RW5980-0CR00  3RW5980-0CE00  3VA2216-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10  3VA2220-7MN32-0AA0; Type of coordination 1, Iq = 65 kA, CLASS 10  3NA3244-6; Type of coordination 1, Iq = 65 kA  3NA3244-6; Type of coordination 1, Iq = 65 kA
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<ul> <li>of the gG fuse usable up to 690 V</li> <li>of the gG fuse usable at inside-delta circuit up to 500 V</li> </ul>	3NA3244-6; Type of coordination 1, Iq = 65 kA 3NA3244-6; Type of coordination 1, Iq = 65 kA
of the gG fuse usable at inside-delta circuit up to 500 V	3NA3244-6; Type of coordination 1, Iq = 65 kA
of full range R fuse link for semiconductor protection	3NF1225-0: Type of coordination 2 Ig = 65 kA
usable up to 690 V	5.12.12.0 5, 1, po 6: 00010
of back-up R fuse link for semiconductor protection usable up to 690 V	3NE3332-0B; Type of coordination 2, Iq = 65 kA
eneral technical data	
starting voltage [%]	30 100 %
stopping voltage [%]	50 %; non-adjustable
start-up ramp time of soft starter	0 20 s
current limiting value [%] adjustable	130 700 %
certificate of suitability	
CE marking	Yes
UL approval	Yes
CSA approval	Yes
product component	
HMI-High Feature	No
is supported HMI-Standard	Yes
• is supported HMI-High Feature	Yes
product feature integrated bypass contact system	Yes
number of controlled phases	3
rip class	CLASS 10A (default) / 10E / 20E; acc. to IEC 60947-4-2
puffering time in the event of power failure	, , , , , , , , , , , , , , , , , , , ,
• for main current circuit	100 ms
• for control circuit	100 ms
nsulation voltage rated value	600 V
degree of pollution	3, acc. to IEC 60947-4-2
mpulse voltage rated value	6 kV
plocking voltage of the thyristor maximum	1 400 V
service factor	1
surge voltage resistance rated value	6 kV
maximum permissible voltage for protective separation	O NV
	600 V
between main and auxiliary circuit      beack resistance.	
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 Substance Prohibitance (Date)	Q 02/15/2018

product function	
product function	Yes
<ul><li>ramp-up (soft starting)</li><li>ramp-down (soft stop)</li></ul>	Yes
	Yes
<ul><li>Soft Torque</li><li>adjustable current limitation</li></ul>	Yes
adjustable current limitation     pump ramp down	Yes
<ul><li>pump ramp down</li><li>intrinsic device protection</li></ul>	Yes
motor overload protection	Yes; Electronic motor overload protection
evaluation of thermistor motor protection	No
inside-delta circuit	Yes
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
<ul> <li>PROFlenergy</li> </ul>	Yes; in connection with the PROFINET Standard communication module
• firmware update	Yes
<ul> <li>removable terminal for control circuit</li> </ul>	Yes
• 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	113 A
• at 50 °C rated value	101 A
at 60 °C rated value	89 A
operational current at inside-delta circuit	106 A
• at 40 °C rated value	196 A
<ul><li>at 50 °C rated value</li><li>at 60 °C rated value</li></ul>	175 A 154 A
operating voltage	104 A
rated value	200 480 V
at inside-delta circuit rated value	200 480 V
relative negative tolerance of the operating voltage	-15 %
relative positive tolerance of the operating voltage	10 %
relative negative tolerance of the operating voltage at	-15 %
inside-delta circuit	
relative positive tolerance of the operating voltage at inside-delta circuit	10 %
operating power for 3-phase motors	
• at 230 V at 40 °C rated value	30 kW
• at 230 V at inside-delta circuit at 40 °C rated value	55 kW
• at 400 V at 40 °C rated value	55 kW
at 400 V at inside-delta circuit at 40 °C rated value	110 kW
Operating frequency 1 rated value	50 Hz
Operating frequency 2 rated value	-10 %
relative negative tolerance of the operating frequency relative positive tolerance of the operating frequency	10 %
adjustable motor current	10 /0
at rotary coding switch on switch position 1	53 A
at rotary coding switch on switch position 2	57 A
at rotary coding switch on switch position 3     at rotary coding switch on switch position 3	61 A
at rotary coding switch on switch position 4	65 A
at rotary coding switch on switch position 5	69 A
at rotary coding switch on switch position 6	73 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	77 A
<ul> <li>at rotary coding switch on switch position 8</li> </ul>	81 A
at rotary coding switch on switch position 9	85 A
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	89 A
, , , , , , , , , , , , , , , , , , , ,	

<ul> <li>at rotary coding switch on switch position 11</li> </ul>	93 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	97 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	101 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	105 A
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	109 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	113 A
• minimum	53 A
adjustable motor current	
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> </ul>	91.8 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>	98.7 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>	106 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>	113 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> </ul>	120 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> </ul>	126 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> </ul>	133 A
for inside-delta circuit at rotary coding switch on switch position 8      for inside delta circuit at rotary coding switch on switch	140 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 9</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	147 A 154 A
position 10  • for inside-delta circuit at rotary coding switch on switch	161 A
position 11  • for inside-delta circuit at rotary coding switch on switch	168 A
position 12  • for inside-delta circuit at rotary coding switch on switch	175 A
position 13 • for inside-delta circuit at rotary coding switch on switch	182 A
position 14 • for inside-delta circuit at rotary coding switch on switch	189 A
<ul> <li>position 15</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	196 A
position 16	04.0 A
at inside-delta circuit minimum	91.8 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	40.14
• at 40 °C after startup	46 W
• at 50 °C after startup	42 W
at 60 °C after startup	39 W
power loss [W] at AC at current limitation 350 %	4 540 W
at 40 °C during startup	1 512 W
at 50 °C during startup	1 291 W
at 60 °C during startup	1 086 W
Control circuit/ Control	10/00
type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	
• at 50 Hz rated value	24 V
at 60 Hz rated value	24 V
relative negative tolerance of the control supply voltage at AC at 50 Hz	-20 %
relative positive tolerance of the control supply voltage at AC at 50 Hz	20 %
relative negative tolerance of the control supply voltage at AC at 60 Hz	-20 %
relative positive tolerance of the control supply voltage at AC at 60 Hz	20 %
control supply voltage frequency	50 60 Hz
relative negative tolerance of the control supply voltage frequency	-10 %
relative positive tolerance of the control supply voltage	10 %

fraguency	
control supply voltage	
at DC rated value	24 V
relative negative tolerance of the control supply voltage at	-20 %
DC	-20 /0
relative positive tolerance of the control supply voltage at DC	20 %
control supply current in standby mode rated value	160 mA
holding current in bypass operation rated value	380 mA
inrush current by closing the bypass contacts maximum	7.6 A
inrush current peak at application of control supply voltage maximum	3.3 A
duration of inrush current peak at application of control supply voltage	12.1 ms
design of the overvoltage protection	Varistor
design of short-circuit protection for control circuit	4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
Inputs/ Outputs	
number of digital inputs	1
number of digital outputs	3
not parameterizable	2
digital output version	2 normally-open contacts (NO) / 1 changeover contact (CO)
number of analog outputs	1
switching capacity current of the relay outputs	
at AC-15 at 250 V rated value	3 A
at DC-13 at 24 V rated value	1 A
Installation/ mounting/ dimensions	
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface
	+/- 22.5° tiltable to the front and back
fastening method	screw fixing
height	306 mm
width	185 mm
depth	203 mm
required spacing with side-by-side mounting	
<ul><li>forwards</li></ul>	10 mm
<ul><li>backwards</li></ul>	0 mm
• upwards	100 mm
<ul><li>downwards</li></ul>	75 mm
at the side	5 mm
weight without packaging	6.6 kg
Connections/ Terminals	
type of electrical connection	
• for main current circuit	busbar connection
• for control circuit	spring-loaded terminals
width of connection bar maximum	25 mm
type of connectable conductor cross-sections	
• for DIN cable lug for main contacts stranded	2x (16 95 mm²)
• for DIN cable lug for main contacts finely stranded	2x (25 120 mm²)
type of connectable conductor cross-sections	
<ul> <li>for control circuit solid</li> </ul>	2x (0.25 1.5 mm²)
• for control circuit finely stranded with core end processing	2x (0.25 1.5 mm²)
<ul> <li>for AWG cables for control circuit solid</li> </ul>	2x (24 16)
<ul> <li>for 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
<ul> <li>at the digital inputs at AC maximum</li> </ul>	100 m
at the digital inputs at DC maximum	1 000 m
tightening torque	
	10 14 N·m
<ul> <li>for main contacts with screw-type terminals</li> </ul>	10 14 N·III
<ul> <li>for main contacts with screw-type terminals</li> <li>for auxiliary and control contacts with screw-type terminals</li> </ul>	0.8 1.2 N·m

tightering torque [Brin]  for main contacts with screw-type terminals  for auxiliary and control contacts with screw-type terminals  for auxiliary and control contacts with screw-type terminals  for auxiliary and control contacts with screw-type terminals  ambient conditions  minimalization altitude at height above sea level maximum  ambient conditions  for auxiliary and control contacts with screw-type terminals  during operation  during storage and transport  during operation according to IEC 60721  during storage according to IEC 60722  local during stora		
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Installation attitude at height above sea level maximum  ambient temperature  during operation during storage and transport  during operation according to IEC 60721  EME emitted interference  Demonstrated interference  Demonstration in module is supported  Deported in the devices, 3446  Demonstration in module is supported  Deported in the devices operation according to IEC 60721  Demonstration in module is supported  Demonstration in module in module in supported  Demonstration in module in module in supported  Demonstration in module in module in module in supported  Demonstration in module in		
installation attitude at height above sea level maximum ambient temperature  • during operation • during storage and transport • during operation according to IEC 60721 • during storage according to IEC 60721 • during transport according to IEC 60721 • PEOFINITE standard • Circuit broaker • Gricuit broaker • Jusable for Standard Faults at 460/480 V according to UL • Jusable for Standard Faults at 460/480 V at inside-delta circuit according to UL • Jusable for Standard Faults at 575/600 V according to UL • Jusable for Standard Faults at 575/600 V according to UL • Jusable for Standard Faults at 575/600 V according to UL • Jusable for Standard Faults at 575/600 V according to UL • Jusable for Standard Faults at 575/600 V according to UL • Jusable for Standard Faults at 575/600 V according to UL • Jusable for Standard Faults at 575/600 V according to UL • Jusable for Standard Faults at 575/600 V according to UL • Jusable for Standard Faults at 575/600 V according to UL • Jusable for Standard Faults at 575/600 V according to UL • Jusable for High Faults at 460/480 V at inside-delta circuit up to 575/600 V according to UL • Jusable for High Faults at 460/480 V at inside-delta circuit up to 575/600 V according to UL • Jusable for High Faults at 460/480 V at inside-delta circuit up to 575/600 V according to UL • Jusable for High Faults at 460/480 V at inside-delta circuit up to 575/600 V according to UL • Jusable for High Faults at 460/480 V at inside-delta circuit up to 575/600 V according to UL • Jusable for High Faults at 460/480	terminals	7 10.3 ior-in
ambient temperature  • during poteration • during storage and transport • during storage and transport • during storage and transport • during storage according to IEC 60721 • during transport according to IEC 60721 • Machine Terrence • during transport according to IEC 60721 • PROFINET standard • PROFINED • Machbus RTU • Machbus RTU • Machbus TCP • PROFIBUS  • Criccuit breaker • usuable for Standard Faults at 460/480 V according to UL • usuable for Standard Faults at 460/480 V according to UL • usuable for Standard Faults at 460/480 V at inside-delta circuit up to 578600 V according to UL • usuable for Standard Faults at 575600 V according to UL • usuable for Standard Faults at 575600 V according to UL • usuable for Standard Faults at 575600 V according to UL • usuable for Standard Faults at 575600 V according to UL • usuable for Standard Faults at 575600 V according to UL • usuable for Standard Faults at 575600 V according to UL • usuable for Standard Faults at 575600 V according to UL • usuable for Standard Faults at 575600 V according to UL • usuable for Standard Faults at 575600 V according to UL • usuable for Standard Faults at 575600 V according to UL • Usuable for Standard Faults at inside-delta circuit up to 575600 V according to UL • TSA600 V ac	nbient conditions	
during operation outring storage and transport outring storage and transport outring storage and transport outring storage according to IEC 60721       during generation according to IEC 60721       during storage according to IEC 60721       during storage according to IEC 60721       during transport according to IEC 60721       during transport according to IEC 60721       EMC emitted interference       dominication module is supported       PROFINIET standard       Pussible for Standard Faults at 460/480 V according to UL       — usable for Standard Faults at 460/480 V according to UL       — usable for Standard Faults at 460/480 V according to UL       — usable for Injah Faults at 460/480 V at inside-delta circuit according to UL       — usable for Standard Faults at 575/600 V according to UL       — usable for Standard Faults at 575/600 V according to UL       — usable for Standard Faults at 575/600 V according to UL       — usable for Standard Faults at 575/600 V according to UL       — usable for Standard Faults at 575/600 V according to UL       — usable for Standard Faults at 575/600 V according to UL       — usable for Standard Faults at 575/600 V according to UL       — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL       — usable for Flandard Faults at inside-delta circuit up to 575/600 V according to UL       — usable for Flandard Faults at inside-delta circuit up to 575/600 V according to UL       — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL       — usable for Flandard Faults at inside-delta circuit up to 575/600 V according to UL       — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL       — usable for Flandard Faults at inside-delta circuit up to 575/600 V according to UL       — usa	nstallation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
during storage and transport     ordinamental category     eduring persona according to IEC 60721     eduring persona according to IEC 60721     eduring storage according to IEC 60721     eduring storage according to IEC 60721     eduring transport according to IEC 60721     eduring transport according to IEC 60721     According to IEC 60724     According to IEC 60	mbient temperature	
environmental category  e during operation according to IEC 60721  during storage according to IEC 60721  e during storage according to IEC 60721  firsted the devices; 3,866  e during storage according to IEC 60721  EMC emitted interference  communication Protocol  communication Protocol  PROFINET standard  PROFINET standard  PROFINET standard  PROFINET standard  PROFINET standard  PROFIGUS  CESA ratings  manufacturer's article number  of circuit breaker  usable for Standard Faults at 460/480 V according to UL  usable for Standard Faults at 460/480 V at inside-delta circuit at 50 fc for the fuse  usable for Standard Faults at 57/600 V according to UL  usable for Standard Faults at 57/600 V according to UL  usable for Standard Faults at 57/600 V according to UL  usable for Standard Faults at 57/600 V according to UL  usable for Standard Faults at 57/600 V according to UL  usable for Standard Faults at 57/600 V according to UL  usable for Standard Faults at 57/600 V according to UL  usable for Standard Faults at 57/600 V according to UL  usable for Standard Faults at 57/600 V according to UL  usable for Standard Faults at 57/600 V according to UL  usable for Standard Faults at 57/600 V according to UL  usable for Standard Faults at 57/600 V according to UL  usable for Standard Faults at 57/600 V according to UL  usable for Standard Faults at 57/600 V according to UL  usable for High Faults up to 57/600 V according to UL  usable for High Faults at 16/40 fc Tandard V and Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Siemens type: 3VA52, max. 250 A; Iq = 10 kA  Siemens type: 3VA52, max. 250 A; Iq = 10 kA  Siemens type: 3VA52, max. 250 A; Iq = 10 kA  Siemens type: 3VA52, max. 250 A; Iq = 10 kA  Siemens type: 3VA52, max. 250 A; Iq = 10 kA  Siemens type: 3VA52, max. 250 A; Iq = 10 kA  Siemens type: 3VA52, max. 350 A; Iq = 10 kA  Siemens type: 3VA52, max. 350 A; Iq = 10 kA  Siemens type: 3VA52, max. 350 A; Iq = 10 kA  Siemens type: 3VA52, max. 350 A; Iq = 10 kA  Siemens type: 3VA52, max. 350 A; Iq = 10 kA  Siemens type:	during operation	
• during operation according to IEC 60721     • during storage according to IEC 60721     • during storage according to IEC 60721     • during transport according to IEC 60721     • PROFINET standard     • PROFINES     • PROFIBUS      • PROFIBUS      • PROFIBUS      • LUCSA ratings      ***  **LUCSA rating**  **amunifacturer's article number     • of circuit broaker     • usable for Standard Faults at 460/480 V according to UL.     • usable for Standard Faults at 460/480 V according to UL.     • usable for Standard Faults at 460/480 V at inside-delta circuit according to UL.     • usable for Standard Faults at 575/600 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.     • usable for Standard Faults up to 575/600 V according to UL.     • usable for Standard Faults up to 575/600 V according to UL.     • usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL.     • usable for Standard Faults up to 575/600 V according to UL.     • usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL.     • usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL.     • standard Faults at inside-delt	during storage and transport	-40 +80 °C
(sand must not get into the devices), 3M6  • during storage according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  • during transport according to IEC 60721  EMC emitted interference  communication/ Protocol  • PROFINET standard  • PROFINET standard  • EthenRet/IP  • Modbus RTU  • Modbus TCP  • Modbus TCP  • PROFIBUS  LICSA ratings  manufacturer's article number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL  — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL  — usable for Standard Faults at 4575/600 V according to UL  — usable for Standard Faults at 4575/600 V according to UL  — usable for Standard Faults at 4575/600 V according to UL  — usable for Standard Faults at 4575/600 V according to UL  — usable for Standard Faults at 4575/600 V according to UL  — usable for Standard Faults at 575/600 V according to UL  — usable for Standard Faults at 575/600 V according to UL  — usable for Standard Faults at 575/600 V according to UL  — usable for Standard Faults at 575/600 V according to UL  — usable for Standard Faults at 575/600 V according to UL  — usable for Standard Faults at 575/600 V according to UL  — usable for Standard Faults at 575/600 V according to UL  — usable for Standard Faults at po 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at 150 °C rated value  • at 200/208 V at 50 °C rated value  • at 200/208 V at 50 °C rated value  • at 200/208 V at 50 °C rated value  • at 20		
e during transport according to IEC 60721 28,2 C21, 281, 282, Card,	<ul> <li>during operation according to IEC 60721</li> </ul>	(sand must not get into the devices), 3M6
EMC emitted interference  communication/ Protocol  emmunication module is supported  • PROFINET standard  • PROFINET standard  • EtherNet/IP  • Modbus RTU  • Modbus RTU  • Modbus TCP  • PROFIBUS  * Yes  • PROFIBUS  * Yes  * Calcar atticle number  • of circuit breaker  — usable for Standard Faults at 460/480 V according to UL.  — usable for Standard Faults at 460/480 V at inside-delta circuit according to UI.  — usable for High Faults at 460/480 V at inside-delta circuit according to UI.  — usable for Standard Faults at 450/480 V at inside-delta circuit according to UI.  — usable for Standard Faults at 575/600 V according to UI.  — usable for Standard Faults at 575/600 V at inside-delta circuit according to UI.  — usable for Standard Faults up to 575/600 V according to UI.  — usable for Standard Faults up to 575/600 V according to UI.  — usable for Standard Faults up to 575/600 V according to UI.  — usable for Standard Faults up to 575/600 V according to UI.  — usable for Standard Faults up to 575/600 V according to UI.  — usable for Standard Faults up to 575/600 V according to UI.  — usable for Standard Faults up to 575/600 V according to UI.  — usable for Standard Faults up to 575/600 V according to UI.  — usable for Standard Faults up to 575/600 V according to UI.  — usable for Standard Faults up to 575/600 V according to UI.  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UI.  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UI.  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UI.  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UI.  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UI.  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UI.  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UI.  — usable f		inside the devices), 1M4
communication module is supported  PROFINET standard  PROFINET standard  PROFINET standard  PROFISEUS  PROFIBUS  PRO		
PROFINET standard PROFINET standard Pres EtherNet/IP Modbus RTU Pres Modbus RTU Pres PROFIBUS  PROFIBUS  PROFIBUS  Pres  LICSA ratings  ###################################	:MC emitted interference	acc. to IEC 60947-4-2: Class A
PROFINET standard EtherNet/IP Yes Modbus RTU Modbus TCP PROFIBUS Yes  LCSA ratings  manufacturer's article number of circuit breaker — usable for Standard Faults at 460/480 V according to UL — usable for Standard Faults at 460/480 V at insidedelta circuit according to UL — usable for Standard Faults at 460/480 V at insidedelta circuit according to UL — usable for High Faults at 460/480 V at insidedelta circuit according to UL — usable for Standard Faults at 460/480 V at insidedelta circuit according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 V according to UL — usable for Standard Faults at 575/600 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 — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  Type: Class RK5 / K5, max. 350 A; lq = 10 kA  Type: Class J / L, max. 350 A; lq = 10 kA  Type: Class J / L, max. 350 A; lq = 10 kA  Type: Class J / L, max. 350 A; lq = 10 kA  Type: Class J / L, max. 350 A; lq = 10 kA  Type: Class J / L, max. 350 A; lq = 10 kA  Type: Class J / L, max. 350 A; lq = 10 kA  Type: Class J / L, max. 350 A; lq = 10 kA  Type: Class J / L, max. 350	mmunication/ Protocol	
EtherNet/IP     Modotus RTU     Yes     Modotus TCP     PROFIBUS     Yes     PROFIBUS  L/CSA ratings  manufacturer's article number     of circuit breaker     — usable for Standard Faults at 460/480 V according to UL     — usable for High Faults at 460/480 V according to UL     — usable for High Faults at 460/480 V at inside-delta circuit according to UL     — usable for Standard Faults at 460/480 V at inside-delta circuit according to UL     — usable for Standard Faults at 575/600 V according to UL     — usable for Standard Faults at 575/600 V according to UL     — usable for Standard Faults at 575/600 V according to UL     — usable for Standard Faults at 575/600 V according to UL     — usable for Standard Faults at 575/600 V according to UL     — usable for Standard Faults at 575/600 V according to UL     — usable for Standard Faults at 575/600 V according to UL     — usable for Standard Faults at to 575/600 V according to UL     — usable for Standard Faults up to 575/600 V according to UL     — 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 Standard Faults at inside-delta circuit up to 575/600 V according to UL     — usable for Flandard Faults at inside-delta circuit up to 575/600 V according to UL     — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL     — usable for International at the second process of the second pr	communication module is supported	
Modbus RTU Modbus TCP PROFIBUS PROFIBUS  **PROFIBUS	<ul> <li>PROFINET standard</li> </ul>	Yes
Nordbus TCP     PROFIBUS     Yes  PROFIBUS  Manufacturer's article number      of circuit breaker	EtherNet/IP	Yes
PROFIBUS  PROFIBUS  Providing substance of circuit breaker  of circuit breaker  usable for Standard Faults at 460/480 V according to UL  usable for Standard Faults at 460/480 V at insidedelta circuit according to UL  usable for Standard Faults at 460/480 V at insidedelta circuit according to UL  usable for Standard Faults at 575/600 V according to UL  usable for Standard Faults at 575/600 V at insidedelta circuit according to UL  usable for Standard Faults at 575/600 V at insidedelta circuit according to UL  usable for Standard Faults at 575/600 V at insidedelta circuit according to UL  usable for Standard Faults at 575/600 V at insidedelta circuit according to UL  usable for Standard Faults up to 575/600 V at insidedelta circuit according to UL  usable for Standard Faults up to 575/600 V according to UL  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 at inside-delta circuit up to 575/600 V according to UL  usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  30 hp  at 200/208 V at 50 °C rated value  at 460/480 V at inside-delta circuit a	Modbus RTU	Yes
### With Provided High Faults at 160/480 V according to UL	Modbus TCP	Yes
of circuit breaker         — usable for Standard Faults at 460/480 V according to UL         — usable for High Faults at 460/480 V at insidedelta circuit according to UL         — usable for Standard Faults at 460/480 V at insidedelta circuit according to UL         — usable for High Faults at 460/480 V at insidedelta circuit according to UL         — usable for Standard Faults at 460/480 V at insidedelta circuit according to UL         — usable for Standard Faults at 575/600 V according to UL         — usable for Standard Faults at 575/600 V according to UL         — usable for Standard Faults up to 575/600 V at insidedelta circuit according to UL         — usable for Standard Faults up to 575/600 V according to UL         — 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 Standard Faults up to 575/600 V according to UL         — usable for High Faults at inside-delta circuit up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL         — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL         — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL         — usable for High Faults at inside-delta circuit up to 575/600 V according to UL         — usable for High Faults at inside-delta circuit up to 575/600 V according to UL         — usable for High Faults at inside-delta circuit up to 575/600 V according to UL         — usable for High Faults at inside-delta circuit up to 575/600 V according to UL         — usable for High Faults at 575 Crated value         • at 200/208 V at 50 °C rated value         • at 200/208 V at 50 °C rated value         • at 200/208 V at 50 °C rated value         • at 200/208 V at 50 °C rated value         • at 200/208	• PROFIBUS	Yes
of circuit breaker         — usable for Standard Faults at 460/480 V according to UL         — usable for Standard Faults at 460/480 V at insidedelta circuit according to UL         — usable for Standard Faults at 460/480 V at insidedelta circuit according to UL         — usable for Standard Faults at 460/480 V at insidedelta circuit according to UL         — usable for Standard Faults at 575/600 V according to UL         — usable for Standard Faults at 575/600 V according to UL         — usable for Standard Faults at 575/600 V according to UL         — usable for Standard Faults at 575/600 V according to UL         — usable for Standard Faults up to 575/600 V according to UL         — 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 at inside-delta circuit up to 575/600 V according to UL         — usable for High Faults at inside-delta circuit up to 575/600 V according to UL         — usable for High Faults at inside-delta circuit up to 575/600 V according to UL         — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL         — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL         — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL         — usable for High Faults at inside-delta circuit up to 575/600 V according to UL         — usable for High Faults at inside-delta circuit up to 575/600 V according to UL         — usable for High Faults at inside-delta circuit up to 575/600 V according to UL         — usable for High Faults at inside-delta circuit at 50 °C rated value         • at 200/208 V at 50 °C rated value         • at 200/208 V at inside-delta circuit at 50 °C rated value         • at 200/208 V at inside-delta circuit at 50 °C rated value         • at 200/208 V at inside-delta circuit at 50 °C rated value         • at 200/2	/CSA ratings	
- usable for Standard Faults at 460/480 V according to UL  - usable for High Faults at 460/480 V at insidedelta circuit according to UL  - usable for Standard Faults at 460/480 V at insidedelta circuit according to UL  - usable for High Faults at 460/480 V at insidedelta circuit according to UL  - usable for High Faults at 460/480 V at insidedelta circuit according to UL  - usable for Standard Faults at 575/600 V according to UL  - usable for Standard Faults at 575/600 V at insidedelta circuit according to UL  - usable for Standard Faults at 575/600 V at insidedelta circuit according to UL  - usable for Standard Faults up to 575/600 V at insidedelta circuit according to UL  - usable for Standard Faults up to 575/600 V according to UL  - usable for Standard Faults up to 575/600 V according to UL  - usable for Standard Faults up to 575/600 V according to UL  - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  - usable for High Faults at inside-delta circuit up to 575/600 V according to UL  - usable for High Faults at inside-delta circuit up to 575/600 V according to UL  - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  - usable for Standard Faults 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 inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 4	nanufacturer's article number	
to UL	of circuit breaker	
- usable for Standard Faults at 460/480 V at inside-delta circuit according to UL.  - usable for High Faults at 460/480 V at inside-delta circuit according to UL.  - usable for Standard Faults at 575/600 V according to UL.  - usable for Standard Faults at 575/600 V at inside-delta circuit according to UL.  - usable for Standard Faults at 575/600 V at inside-delta circuit 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 Standard Faults at inside-delta circuit up to 575/600 V according to UL.  - usable for High Faults at inside-delta circuit up to 575/600 V according to UL.  - usable for High Faults at inside-delta circuit up to 575/600 V according to UL.  - usable for High Faults at inside-delta circuit up to 575/600 V according to UL.  - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL.  - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL.  - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL.  - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL.  - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL.  - usable for Standard Faults up to 575/600 V according to UL.  - usable for Standard Faults up to 575/600 V according to UL.  - usable for Standard Faults up to 575/600 V according to UL.  - usable for High Faults at inside-delta circuit up to 575/600 V according to UL.  - usable for Standard Faults up to 575/600 V according to UL.  - usable for High Faults at inside-delta circuit up to 575/600 V according to UL.  - usable for Standard Faults up to 575/600 V according to UL.  - usable for High Faults at inside-delta circuit up to 575/600 V according to UL.  - usable for Standard Faults up to 575/600 V according to UL.  - usable for High Faults at inside-delta circuit up to 575/6	· · · · · · · · · · · · · · · · · · ·	Siemens type: 3VA52, max. 250 A; Iq = 10 kA
delta circuit according to UL  — usable for High Faults at 460/480 V at inside-delta circuit according to UL  — usable for Standard Faults at 575/600 V according to UL  — usable for Standard Faults at 575/600 V at inside-delta circuit according to UL  — usable for Standard Faults at 575/600 V at inside-delta circuit 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 Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit at 50 °C rated value  • at 220/230 V at 150 °C rated value  • at 220/230 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C r	— usable for High Faults at 460/480 V according to UL	Siemens type: 3VA52, max. 250 A; Iq max = 65 kA
circuit according to UL  — usable for Standard Faults at 575/600 V according to UL  — usable for Standard Faults at 575/600 V at inside-delta circuit 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  — usable for High Faults up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit at 50 °C rated value  • at 200/208 V at 50 °C rated value  • at 200/208 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 5		Siemens type: 3VA52, max. 250 A; Iq = 10 kA
to UL  usable for Standard Faults at 575/600 V at inside-delta circuit 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 Standard Faults at inside-delta circuit up to 575/600 V according to UL  usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  usable for High Faults at inside-delta circuit up to 575/600 V according to UL  usable for High Faults at inside-delta circuit up to 575/600 V according to UL  poperating 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 220/230 V at inside-delta circuit at 50 °C rated value  at 220/230 V at inside-delta circuit at 50 °C rated value  at 220/230 V at inside-delta circuit at 50 °C rated value  at 460/480 V at inside-delta cir		Siemens type: 3VA52, max. 250 A; Iq max = 65 kA
delta circuit 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 Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  Type: Class RK5 / K5, max. 350 A; Iq = 10 kA  Type: Class J / L, max. 350 A; Iq = 10 kA  Type: Class J / L, max. 350 A; Iq = 100 kA  Type:		Siemens type: 3VA52, 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  - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  - usable for High Faults at inside-delta circuit up to 575/600 V according to UL  - usable for High Faults at inside-delta circuit up to 575/600 V according to UL  - usable for High Faults at inside-delta circuit 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 220/230 V at inside-delta circuit at 50 °C rated value  • at 220/230 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit at 50 °C rated value  • at 600/480 V at inside-delta circuit		Siemens type: 3VA52, max. 250 A; Iq = 10 kA
according to UL  — usable for High Faults up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit 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 200/208 V at inside-delta circuit at 50 °C rated value  • at 200/208 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 200/208 V at inside-delta circuit at 50 °C rated value  • at 200/208 V at inside-delta circuit at 50 °C rated value  • at 200/208 V at inside-delta circuit at 50 °C rated value  • at 200/208 V at inside-delta circuit at 50 °C rated value  • at 200/208 V at inside-delta circuit at 50 °C rated value  • at 200/208 V at inside-delta circuit at 50	of the fuse	
UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for High Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL  — usable for Standard Faults at inside-delta circuit up to 50 hp  — at 220/230 V at 50 °C rated value — at 460/480 V at inside-delta circuit at 50 °C ra	according to UL	Type: Class RK5 / K5, max. 350 A; Iq = 10 kA
to 575/600 V according to UL  — usable for High Faults at inside-delta circuit 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 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 220/230 V at inside-delta circuit at 50 °C rated value • at 460/480 V at inside-delta circuit at 50 °C rated value • at 460/480 V at inside-delta circuit at 50 °C rated value • at 460/480 V at inside-delta circuit at 50 °C rated value • at 300-B300  afety related data  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  electromagnetic compatibility  Type: Class J / L, max. 350 A; Iq = 100 kA  Type: Class J / L, max. 350 A; Iq In Interpretable selection in the folion in the	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 220/230 V at inside-delta circuit at 50 °C rated value  • at 220/230 V at inside-delta circuit at 50 °C rated value  • at 220/230 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 460/480 V at inside-delta circuit at 50 °C rated value  • at 800/480 V at inside-delta circuit at 50 °C rated value  protection of auxiliary contacts according to UL  R300-B300  afety related data  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  in accordance with IEC 60947-4-2	to 575/600 V according to UL	
<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 200/208 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>by 200-B300</li> <li>afety related data</li> <li>protection class IP on the front according to IEC 60529</li> <li>protection on the front according to IEC 60529</li> <li>protection compatibility</li> <li>in accordance with IEC 60947-4-2</li> </ul>	575/600 V according to UL	Type: Class J / L, max. 350 A; Iq = 100 kA
<ul> <li>at 220/230 V at 50 °C rated value</li> <li>at 460/480 V at 50 °C rated value</li> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 25 hp</li> <li>contact rating of auxiliary contacts according to UL</li> <li>R300-B300</li> <li>afety related data</li> <li>protection class IP on the front according to IEC 60529</li> <li>IP00; IP20 with cover</li> <li>finger-safe, for vertical contact from the front with cover</li> <li>electromagnetic compatibility</li> <li>in accordance with IEC 60947-4-2</li> </ul>		
<ul> <li>at 460/480 V at 50 °C rated value</li> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>contact rating of auxiliary contacts according to UL</li> <li>R300-B300</li> <li>afety related data</li> <li>protection class IP on the front according to IEC 60529</li> <li>IP00; IP20 with cover</li> <li>touch protection on the front according to IEC 60529</li> <li>finger-safe, for vertical contact from the front with cover</li> <li>electromagnetic compatibility</li> <li>in accordance with IEC 60947-4-2</li> </ul>		·
<ul> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>toutact rating of auxiliary contacts according to UL</li> <li>R300-B300</li> <li>R300</li></ul>		
<ul> <li>at 220/230 V at inside-delta circuit at 50 °C rated value</li> <li>at 460/480 V at inside-delta circuit at 50 °C rated value</li> <li>125 hp</li> <li>contact rating of auxiliary contacts according to UL</li> <li>R300-B300</li> <li>afety related data</li> <li>protection class IP on the front according to IEC 60529</li> <li>IP00; IP20 with cover</li> <li>touch protection on the front according to IEC 60529</li> <li>finger-safe, for vertical contact from the front with cover</li> <li>electromagnetic compatibility</li> <li>in accordance with IEC 60947-4-2</li> </ul>		·
● at 460/480 V at inside-delta circuit at 50 °C rated value  contact rating of auxiliary contacts according to UL  R300-B300  afety related data  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  electromagnetic compatibility  125 hp  R300-B300  IP00; IP20 with cover  finger-safe, for vertical contact from the front with cover  in accordance with IEC 60947-4-2	<ul> <li>at 200/208 V at inside-delta circuit at 50 °C rated value</li> </ul>	50 hp
contact rating of auxiliary contacts according to UL  afety related data  protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  electromagnetic compatibility  IP00; IP20 with cover  finger-safe, for vertical contact from the front with cover  in accordance with IEC 60947-4-2	1000/000 1/ 1: :1 1 1 1 : :1 1 50 00 1 1 1	60 hp
protection class IP on the front according to IEC 60529 IP00; IP20 with cover touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front with cover electromagnetic compatibility in accordance with IEC 60947-4-2	• at 220/230 V at inside-delta circuit at 50 °C rated value	125 hp
protection class IP on the front according to IEC 60529  touch protection on the front according to IEC 60529  electromagnetic compatibility  IP00; IP20 with cover  finger-safe, for vertical contact from the front with cover  in accordance with IEC 60947-4-2	• at 460/480 V at inside-delta circuit at 50 °C rated value	
touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front with cover in accordance with IEC 60947-4-2	• at 460/480 V at inside-delta circuit at 50 °C rated value	R300-B300
electromagnetic compatibility in accordance with IEC 60947-4-2	at 460/480 V at inside-delta circuit at 50 °C rated value contact rating of auxiliary contacts according to UL	R300-B300
• • •	at 460/480 V at inside-delta circuit at 50 °C rated value contact rating of auxiliary contacts according to UL fety related data	
ertificates/ approvals	at 460/480 V at inside-delta circuit at 50 °C rated value contact rating of auxiliary contacts according to UL fety related data protection class IP on the front according to IEC 60529	IP00; IP20 with cover
	at 460/480 V at inside-delta circuit at 50 °C rated value contact rating of auxiliary contacts according to UL fety related data protection class IP on the front according to IEC 60529 ouch protection on the front according to IEC 60529	IP00; IP20 with cover finger-safe, for vertical contact from the front with cover



Confirmation









**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping

other



Confirmation

## Further information

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

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

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

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

Information on the packaging

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

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5234-2AC04

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RW5234-2AC04}$ 

 ${\bf Service \& Support\ (Manuals,\ Certificates,\ Characteristics,\ FAQs,...)}$ 

https://support.industry.siemens.com/cs/ww/en/ps/3RW5234-2AC04

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RW5234-2AC04&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RW5234-2AC04/char

Characteristic: Installation altitude

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5234-2AC04&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

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







