## **SIEMENS**

Data sheet 3RQ3038-1AE00



Input coupler Relay coupler, 1 change-over contact 115 V AC/DC Overall width 6.2 mm screw terminal Thermal current 6A  $\,$ 

product brand name	SIRIUS
product category	SIRIUS 3RQ3 coupling relays in slim design
product designation	Coupling relays with relay output (not plug-in)
design of the product	Input coupling link
product type designation	3RQ3
General technical data	
display version LED	Yes
product feature protective coating on printed-circuit board	No
product component	
<ul> <li>relay output</li> </ul>	Yes
semi-conductor output	No
consumed active power	0.5 W
insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value	300 V
surge voltage resistance rated value	4 kV
maximum permissible voltage for protective separation	
between control and auxiliary circuit	300 V
percental drop-out voltage related to the input voltage	9.6 %
protection class IP	IP20
flammability class of enclosure material	UL94 V-0
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
vibration resistance	
according to IEC 60068-2-6	6 150 Hz: 2 g
operating frequency maximum	72 000 1/h
switching behavior	monostable
mechanical service life (operating cycles) typical	10 000 000
thermal current	6 A
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	03/25/2015
Control circuit/ Control	
control supply voltage at AC	
at 50 Hz rated value	115 V
at 60 Hz rated value	115 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
control supply voltage at DC	
rated value	115 V
operating range factor control supply voltage rated value at DC	

• initial value	0.8
full-scale value	1.1
operating range factor control supply voltage rated value at AC at 50 Hz	
• initial value	0.8
• full-scale value	1.1
operating range factor control supply voltage rated value at AC at 60 Hz	
• initial value	0.8
full-scale value	1.1
ON-delay time	
at AC maximum	8 ms
at DC maximum	6 ms
OFF-delay time	17 ms
design of the relay operating mechanism	poled
product component plug-in socket	No
Short-circuit protection	
design of the fuse link for short-circuit protection of the auxiliary switch required	fuse gG: 4 A
Auxiliary circuit	
type of switching contact	Changeover contact
material of switching contacts	AgSnO2
number of CO contacts for auxiliary contacts	1
operational current of auxiliary contacts at AC-15	
• at 24 V	3 A
• at 250 V	3 A
operational current of auxiliary contacts at DC-13	
● at 24 V	1 A
● at 125 V	0.2 A
• at 250 V	0.1 A
contact reliability of auxiliary contacts	one incorrect switching operation of 100 million switching operations (17 V, 5
consist on administration	mA)
Main circuit	
Main circuit	mA)
Main circuit type of voltage	mA)
Main circuit type of voltage inputs/ Outputs	mA)  AC/DC
Main circuit type of voltage Inputs/ Outputs property of the output short-circuit proof	MA)  AC/DC  No
Main circuit  type of voltage  Inputs/ Outputs  property of the output short-circuit proof  ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	MA)  AC/DC  No
Main circuit  type of voltage  Inputs/ Outputs  property of the output short-circuit proof  ampacity of the output relay at AC-15 at 250 V at 50/60 Hz  ampacity of the output relay at DC-13	No 3 A
Main circuit  type of voltage  Inputs/ Outputs  property of the output short-circuit proof  ampacity of the output relay at AC-15 at 250 V at 50/60 Hz  ampacity of the output relay at DC-13  • at 24 V	MA)  AC/DC  No 3 A  1 A
Main circuit  type of voltage Inputs/ Outputs  property of the output short-circuit proof  ampacity of the output relay at AC-15 at 250 V at 50/60 Hz  ampacity of the output relay at DC-13  • at 24 V  • at 125 V	No 3 A 1 A 0.2 A
Main circuit  type of voltage  Inputs/ Outputs  property of the output short-circuit proof  ampacity of the output relay at AC-15 at 250 V at 50/60 Hz  ampacity of the output relay at DC-13  • at 24 V  • at 125 V  • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1	No 3 A 1 A 0.2 A
Main circuit  type of voltage  Inputs/ Outputs  property of the output short-circuit proof  ampacity of the output relay at AC-15 at 250 V at 50/60 Hz  ampacity of the output relay at DC-13  • at 24 V  • at 125 V  • at 250 V  Electromagnetic compatibility	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A
Main circuit  type of voltage  Inputs/ Outputs  property of the output short-circuit proof  ampacity of the output relay at AC-15 at 250 V at 50/60 Hz  ampacity of the output relay at DC-13  • at 24 V  • at 125 V  • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference	MA)  AC/DC  No 3 A  1 A  0.2 A  0.1 A  ambience A (industrial sector)
type of voltage Inputs/ Outputs  property of the output short-circuit proof ampacity of the output relay at AC-15 at 250 V at 50/60 Hz ampacity of the output relay at DC-13  • at 24 V  • at 125 V  • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference  • due to burst according to IEC 61000-4-4	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV
Main circuit  type of voltage  Inputs/ Outputs  property of the output short-circuit proof  ampacity of the output relay at AC-15 at 250 V at 50/60 Hz  ampacity of the output relay at DC-13  • at 24 V  • at 125 V  • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference  • due to burst according to IEC 61000-4-4  • due to conductor-earth surge according to IEC 61000-4-5	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3
type of voltage Inputs/ Outputs  property of the output short-circuit proof ampacity of the output relay at AC-15 at 250 V at 50/60 Hz ampacity of the output relay at DC-13  • at 24 V • at 125 V • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference • due to burst according to IEC 61000-4-4	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV
Main circuit  type of voltage  Inputs/ Outputs  property of the output short-circuit proof  ampacity of the output relay at AC-15 at 250 V at 50/60 Hz  ampacity of the output relay at DC-13  • at 24 V  • at 125 V  • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference  • due to burst according to IEC 61000-4-4  • due to conductor-earth surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV 2 kV
Main circuit type of voltage Inputs/ Outputs  property of the output short-circuit proof ampacity of the output relay at AC-15 at 250 V at 50/60 Hz  ampacity of the output relay at DC-13  • at 24 V • at 125 V • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV 2 kV 1 kV
Main circuit  type of voltage  Inputs/ Outputs  property of the output short-circuit proof  ampacity of the output relay at AC-15 at 250 V at 50/60 Hz  ampacity of the output relay at DC-13  • at 24 V  • at 125 V  • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference  • due to burst according to IEC 61000-4-4  • due to conductor-earth surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  field-based interference according to IEC 61000-4-3	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV 2 kV 1 kV
type of voltage Inputs/ Outputs  property of the output short-circuit proof ampacity of the output relay at AC-15 at 250 V at 50/60 Hz ampacity of the output relay at DC-13  • at 24 V • at 125 V • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2  Display display version as status display by LED	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV 2 kV 1 kV
type of voltage Inputs/ Outputs  property of the output short-circuit proof ampacity of the output relay at AC-15 at 250 V at 50/60 Hz ampacity of the output relay at DC-13  • at 24 V • at 125 V • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Display	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV 2 kV 1 kV  10 V/m 6 kV contact discharge / 8 kV air discharge
type of voltage Inputs/ Outputs  property of the output short-circuit proof ampacity of the output relay at AC-15 at 250 V at 50/60 Hz ampacity of the output relay at DC-13  • at 24 V • at 125 V • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5  field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2  Display display version as status display by LED	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV 2 kV 1 kV  10 V/m 6 kV contact discharge / 8 kV air discharge
Main circuit  type of voltage  Inputs/ Outputs  property of the output short-circuit proof  ampacity of the output relay at AC-15 at 250 V at 50/60 Hz  ampacity of the output relay at DC-13  • at 24 V  • at 125 V  • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference  • due to burst according to IEC 61000-4-4  • due to conductor-earth surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-3  electrostatic discharge according to IEC 61000-4-2  Display  display version as status display by LED  Connections/ Terminals	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV 2 kV 1 kV  10 V/m 6 kV contact discharge / 8 kV air discharge
Inputs/ Outputs  property of the output short-circuit proof ampacity of the output relay at AC-15 at 250 V at 50/60 Hz  ampacity of the output relay at DC-13  • at 24 V  • at 125 V • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference  • due to burst according to IEC 61000-4-4  • due to conductor-earth surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  field-based interference according to IEC 61000-4-3  electrostatic discharge according to IEC 61000-4-2  Display  display version as status display by LED  Connections/ Terminals  product function removable terminal	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV 2 kV 1 kV  10 V/m 6 kV contact discharge / 8 kV air discharge
type of voltage Inputs/ Outputs  property of the output short-circuit proof ampacity of the output relay at AC-15 at 250 V at 50/60 Hz ampacity of the output relay at DC-13  • at 24 V  • at 125 V • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference  • due to burst according to IEC 61000-4-4  • due to conductor-carth surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  field-based interference according to IEC 61000-4-3  electrostatic discharge according to IEC 61000-4-2  Display  display version as status display by LED  Connections/ Terminals  product function removable terminal type of electrical connection for auxiliary and control circuit	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV 2 kV 1 kV  10 V/m 6 kV contact discharge / 8 kV air discharge
type of voltage Inputs/ Outputs  property of the output short-circuit proof ampacity of the output relay at AC-15 at 250 V at 50/60 Hz ampacity of the output relay at DC-13  • at 24 V  • at 125 V  • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference  • due to burst according to IEC 61000-4-4  • due to conductor-earth surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  field-based interference according to IEC 61000-4-3  electrostatic discharge according to IEC 61000-4-2  Display  display version as status display by LED  Connections/ Terminals  product function removable terminal  type of electrical connection for auxiliary and control circuit wire length	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV 2 kV 1 kV  10 V/m 6 kV contact discharge / 8 kV air discharge  LED green  No screw-type terminals
type of voltage Inputs/ Outputs  property of the output short-circuit proof ampacity of the output relay at AC-15 at 250 V at 50/60 Hz ampacity of the output relay at DC-13  • at 24 V  • at 125 V  • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference  • due to burst according to IEC 61000-4-4  • due to conductor-earth surge according to IEC 61000-4-5  • due to conductor-conductor surge according to IEC 61000-4-5  field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2  Display  display version as status display by LED  Connections/ Terminals  product function removable terminal type of electrical connection for auxiliary and control circuit wire length • at AC maximum	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV 2 kV 1 kV  10 V/m 6 kV contact discharge / 8 kV air discharge  LED green  No screw-type terminals  500 m
type of voltage Inputs/ Outputs property of the output short-circuit proof ampacity of the output relay at AC-15 at 250 V at 50/60 Hz ampacity of the output relay at DC-13  • at 24 V • at 125 V • at 250 V  Electromagnetic compatibility  EMC emitted interference according to IEC 60947-1  EMC immunity according to IEC 60947-1  conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5  field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2  Display display version as status display by LED  Connections/ Terminals product function removable terminal type of electrical connection for auxiliary and control circuit wire length • at AC maximum • at DC maximum	MA)  AC/DC  No 3 A  1 A 0.2 A 0.1 A  ambience A (industrial sector) corresponds to degree of severity 3  2 kV 2 kV 1 kV  10 V/m 6 kV contact discharge / 8 kV air discharge  LED green  No screw-type terminals  500 m

• for AWG cables solid  • sol			
	for AWG cables solid	1 x (20 14)	
Finely stranded with core end processing   0.25 1.5 mm²			
AWC number as coded connectable conductor cross section  • solid 20 14 tightening torque with screw-type terminals 0.5 0.6 N·m Installation/ mounting/ dimensions  mounting position any fastening method snap-on mounting height 93 mm width 6.2 mm depth 72.5 mm  required spacing  • with side-by-side mounting  — forwards 0 mm — upwards 0 mm — upwards 0 mm — downwards 0 mm — of mounting 0 mm — at the side 0 mm — backwards 0 mm — backwards 0 mm — at the side 0 mm — backwards 0 mm — backwards 0 mm — towards 0 mm — backwards 0 mm — towards 0 mm — backwards 0 mm — towards 0 mm — towards 0 mm — towards 0 mm — upwards 0 mm — the side 0 mm — upwards 0 mm — at the side 0 mm — at the side 0 mm — at the side 0 mm — at the side 0 mm — townwards 0 mm — at the side 0 mm — townwards 0 mm — at the side 0 mm — townwards 0 mm — to ownwards 0 mm — to fine ley parts — forwards 0 mm — towards 0 mm — backwards 0 mm			
section  solid sightening lorque with screw-type terminals Installation/ mounting/dimensions  mounting position fastening method height swidth 6.2 mm depth 72.5 mm  required spacing swith side-by-side mounting - forwards - backwards - upwards - downwards - at the side - downwards - to for grounded parts - to for grounded parts - to forwards - to forwards - to mm - upwards - to mm - to packwards - to mm - to packwards - to mm - to packwards - to mm - to grounded parts - for grounded parts - for grounded parts - forwards - upwards - upwards - to mm - upwards - the side - downwards - to mm - the side - downwards - to mm - the side - downwards - backwards - backwards - backwards - to mm - the side - downwards - to mm - the side - downwards - to mm - the side - downwards - to mm - the side -		0.25 1.5 mm²	
tightening torque with screw-type terminals  Installation/ mounting/ dimensions  mounting position fastening method height 99 mm width 6,2 mm depth 72.5 mm  required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side — for grounded parts — for grounded parts — to sackwards — upwards — o mm • for grounded parts — forwards — at the side — downwards — upwards — upwards — o mm • for grounded parts — forwards — backwards — upwards — upwards — upwards — upwards — upwards — upwards — o mm • for live parts — forwards — downwards — backwards — backwards — o mm • for live parts — forwards — upwards — backwards — upwards — o mm • for live parts — forwards — o mm — o mm  • for live parts — forwards — upwards — upwards — upwards — upwards — upwards — o mm —			
Installation   mounting dimensions   any   fastening method   snap-on mounting   snap-on mounting   height   93 mm   width   6.2 mm   72.5 mm   required spacing   • with side-by-side mounting   • with side-by-side mounting   • forwards   0 mm	• solid	20 14	
mounting position fastening method snap-on mounting height 93 mm width 6.2 mm depth 72.5 mm required spacing  • with side-by-side mounting — forwards 0 mm — backwards 0 mm — downwards 0 mm — at the side 0 mm  • for grounded parts — forwards 0 mm — backwards 0 mm  • for grounded parts — at the side 0 mm — at the side 0 mm  • backwards 0 mm  • backwards 0 mm  • for grounded parts — forwards 0 mm  • backwards 0 mm  — at the side 0 mm  — at the side 0 mm  — at the side 0 mm  • at the side 0 mm  • for live parts — forwards 0 mm  • for live parts — backwards 0 mm  • for live parts — backwards 0 mm  • forwards 0 mm  • backwards 0 mm  — abackwards 0 mm  — backwards 0 mm — backwards 0 mm — backwards 0 mm — hackwards 0 m	tightening torque with screw-type terminals	0.5 0.6 N·m	
Sasp-on mounting   Sasp-on mounting   Sasp-on mounting	Installation/ mounting/ dimensions		
Neight   93 mm   width   6.2 mm   72.5 mm	mounting position	any	
width         6.2 mm           depth         72.5 mm           required spacing         72.5 mm           • with side-by-side mounting         0 mm           — forwards         0 mm           — backwards         0 mm           — downwards         0 mm           — at the side         0 mm           — backwards         0 mm           — backwards         0 mm           — at the side         0 mm           — downwards         0 mm           • for live parts         0 mm           — forwards         0 mm           — backwards         0 mm           — backwards         0 mm           — ownwards         0 mm           — at the side         0 mm           Ambient conditions         0 mm           Ambient conditions         2 000 m           ambient temperature         0 during operation         -25 +60 °C           • during storage         -40 +85 °C           • during transport         -40 +85 °C           relative humidity during operation         10 95 %           Certificates/ approvals	fastening method	snap-on mounting	
Tequired spacing	height	93 mm	
required spacing  with side-by-side mounting — forwards — backwards — o mm — downwards — at the side  for grounded parts — forwards — backwards — o mm — at the side  for grounded parts — forwards — o mm — at the side — o mm — at the side — o mm — backwards — o mm — at the side — o mm — of riive parts — for live parts — forwards — o mm — o downwards — o mm — o mm — o downwards — o downwards — o mm — o mm — o downwards — o mm — o mm — o mm — o downwards — o mm —	width	6.2 mm	
with side-by-side mounting     — forwards     — backwards     — upwards     — downwards     — downwards     — at the side     o mm     — at the side     o mm     — backwards     — backwards     — upwards     — upwards     — upwards     — o mm     — at the side     — downwards     O mm     — at the side     — downwards     o mm     ofor live parts     — forwards     — packwards     O mm     — backwards     O mm     — at the side     — o mm      — backwards     O mm      — backwards     O mm      — backwards     O mm      — downwards     O mm      — downwards     O mm      — downwards     O mm      — at the side     O mm      — downwards     — o mm      — at the side     O mm      — other at the side     outher a	depth	72.5 mm	
forwards	required spacing		
backwards 0 mm upwards 0 mm downwards 0 mm downwards 0 mm at the side 0 mm for grounded parts for grounded parts forwards 0 mm backwards 0 mm upwards 0 mm upwards 0 mm downwards 0 mm downwards 0 mm for live parts forwards 0 mm backwards 0 mm backwards 0 mm backwards 0 mm upwards 0 mm upwards 0 mm upwards 0 mm upwards 0 mm downwards 0 mm at the side 0 mm at the side 0 mm  Ambient conditions  installation altitude at height above sea level maximum 2 000 m  ambient temperature during operation 25 +60 °C during storage 40 +85 °C relative humidity during operation 10 95 %  Certificates/approvals	<ul> <li>with side-by-side mounting</li> </ul>		
— upwards         0 mm           — downwards         0 mm           — at the side         0 mm           • for grounded parts         0 mm           — backwards         0 mm           — backwards         0 mm           — upwards         0 mm           — downwards         0 mm           • for live parts         0 mm           — backwards         0 mm           — upwards         0 mm           — downwards         0 mm           — at the side         0 mm           Ambient conditions         2 000 m           installation altitude at height above sea level maximum         2 000 m           ambient temperature         4 during operation         -25 +60 °C           • during storage         -40 +85 °C           • during transport         -40 +85 °C           relative humidity during operation         10 95 %	— forwards	0 mm	
- downwards - at the side	— backwards	0 mm	
- at the side  • for grounded parts  - forwards  - backwards  - upwards  - at the side  0 mm  - at the side  0 mm  - at the side  0 mm  - downwards  • for live parts  - forwards  - backwards  0 mm  - upwards  0 mm  - upwards  0 mm  - downwards  0 mm  - downwards  - downwards  0 mm  - at the side  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  • during storage  • during storage  • during storage  • during transport  -40 +85 °C  relative humidity during operation  10 95 %  Certificates/ approvals	— upwards	0 mm	
for grounded parts         — forwards         — backwards         — upwards         — upwards         — at the side         — downwards         — for live parts         — forwards         — backwards         — omm         — own wards         — forwards         — forwards         — backwards         — upwards         — upwards         — downwards         — at the side         — at the side         — omm         — at the side         — omm         — at the side         — omm  Ambient conditions  installation altitude at height above sea level maximum         ambient temperature         — during operation         — 25 +60 °C         — during storage         — 40 +85 °C         — during transport         — 40 +85 °C  relative humidity during operation         10 95 %  Certificates/ approvals	— downwards	0 mm	
— forwards 0 mm — backwards 0 mm — upwards 0 mm — at the side 0 mm — downwards 0 mm  • for live parts — forwards 0 mm — backwards 0 mm — backwards 0 mm — upwards 0 mm — upwards 0 mm — at the side 0 mm  Ambient conditions  installation altitude at height above sea level maximum 2 000 m  ambient temperature • during operation -25 +60 °C • during storage -40 +85 °C relative humidity during operation 10 95 %  Certificates/ approvals	— at the side	0 mm	
— backwards — upwards — at the side — downwards  • for live parts — forwards — backwards — backwards — upwards — upwards — upwards — upwards — omm — upwards — omm — upwards — omm — upwards — omm — at the side — omm — at the side — omm  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature — ouring operation — our +85 °C — ouring transport — ouring operation — our +85 °C  relative humidity during operation  10 95 %  Certificates/approvals	<ul> <li>for grounded parts</li> </ul>		
— upwards         0 mm           — at the side         0 mm           — downwards         0 mm           • for live parts         0 mm           — backwards         0 mm           — upwards         0 mm           — downwards         0 mm           — at the side         0 mm           Ambient conditions         0 mm           installation altitude at height above sea level maximum         2 000 m           ambient temperature         0 during operation         -25 +60 °C           0 during storage         -40 +85 °C           0 during transport         -40 +85 °C           relative humidity during operation         10 95 %           Certificates/ approvals	— forwards	0 mm	
- at the side 0 mm - downwards 0 mm  • for live parts  - forwards 0 mm - backwards 0 mm - upwards 0 mm - downwards 0 mm - at the side 0 mm  Ambient conditions installation altitude at height above sea level maximum 2 000 m  ambient temperature • during operation -25 +60 °C • during storage -40 +85 °C • during transport -40 +85 °C relative humidity during operation 10 95 %  Certificates/ approvals	— backwards	0 mm	
- downwards  • for live parts  - forwards  - backwards  0 mm  - upwards  0 mm  - downwards  0 mm  - at the side  0 mm  Ambient conditions  installation altitude at height above sea level maximum  • during operation  • during storage  • during transport  • during transport  relative humidity during operation  10 95 %  Certificates/ approvals	— upwards	0 mm	
<ul> <li>for live parts</li> <li>— forwards</li> <li>— backwards</li> <li>— upwards</li> <li>— downwards</li> <li>— at the side</li> <li>O mm</li> <li>Ambient conditions</li> <li>installation altitude at height above sea level maximum</li> <li>ambient temperature</li> <li>● during operation</li> <li>— 40 +85 °C</li> <li>• during transport</li> <li>— 40 +85 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> <li>Certificates/ approvals</li> </ul>	— at the side	0 mm	
forwards 0 mm backwards 0 mm upwards 0 mm downwards 0 mm at the side 0 mm  at the side 0 mm  Ambient conditions  installation altitude at height above sea level maximum 2 000 m  ambient temperature  • during operation -25 +60 °C • during storage -40 +85 °C • during transport -40 +85 °C  relative humidity during operation 10 95 %  Certificates/ approvals	— downwards	0 mm	
- backwards 0 mm - upwards 0 mm - downwards 0 mm - at the side 0 mm  Ambient conditions installation altitude at height above sea level maximum 2 000 m  ambient temperature • during operation -25 +60 °C • during storage -40 +85 °C • during transport -40 +85 °C relative humidity during operation 10 95 %  Certificates/ approvals	for live parts		
<ul> <li>— upwards</li> <li>— downwards</li> <li>— at the side</li> <li>0 mm</li> <li>Ambient conditions</li> <li>installation altitude at height above sea level maximum</li> <li>ambient temperature</li> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> <li>-40 +85 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> </ul> Certificates/ approvals	— forwards	0 mm	
- downwards 0 mm  - at the side 0 mm  Ambient conditions  installation altitude at height above sea level maximum 2 000 m  ambient temperature  • during operation -25 +60 °C  • during storage -40 +85 °C  • during transport -40 +85 °C  relative humidity during operation 10 95 %  Certificates/ approvals	— backwards	0 mm	
— at the side 0 mm  Ambient conditions  installation altitude at height above sea level maximum 2 000 m  ambient temperature  ● during operation -25 +60 °C  ● during storage -40 +85 °C  ● during transport -40 +85 °C  relative humidity during operation 10 95 %  Certificates/ approvals	— upwards	0 mm	
Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport  -40 +85 °C  relative humidity during operation  10 95 %  Certificates/ approvals	— downwards	0 mm	
installation altitude at height above sea level maximum  ambient temperature  • during operation • during storage • during transport • during transport  relative humidity during operation  2 000 m  -25 +60 °C  -40 +85 °C  -40 +85 °C  relative humidity during operation  10 95 %  Certificates/ approvals	— at the side	0 mm	
ambient temperature  • during operation  • during storage  • during transport  -40 +85 °C  • during transport  relative humidity during operation  10 95 %  Certificates/ approvals	Ambient conditions		
<ul> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>during transport</li> <li>40 +85 °C</li> <li>relative humidity during operation</li> <li>10 95 %</li> </ul> Certificates/ approvals	installation altitude at height above sea level maximum	2 000 m	
◆ during storage	ambient temperature		
● during transport -40 +85 °C relative humidity during operation 10 95 %  Certificates/ approvals	<ul> <li>during operation</li> </ul>	-25 +60 °C	
relative humidity during operation 10 95 %  Certificates/ approvals	during storage	-40 +85 °C	
Certificates/ approvals	during transport	-40 +85 °C	
	relative humidity during operation	10 95 %	
General Product Approval EMC	Certificates/ approvals		
	General Product Approval		EMC







Confirmation







**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping

other



Type Test Certificates/Test Report



Confirmation

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)
<a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RQ3038-1AE00">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RQ3038-1AE00</a>

Cax online generator

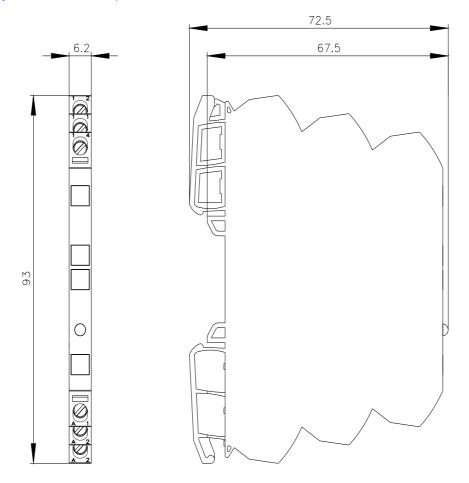
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RQ3038-1AE00

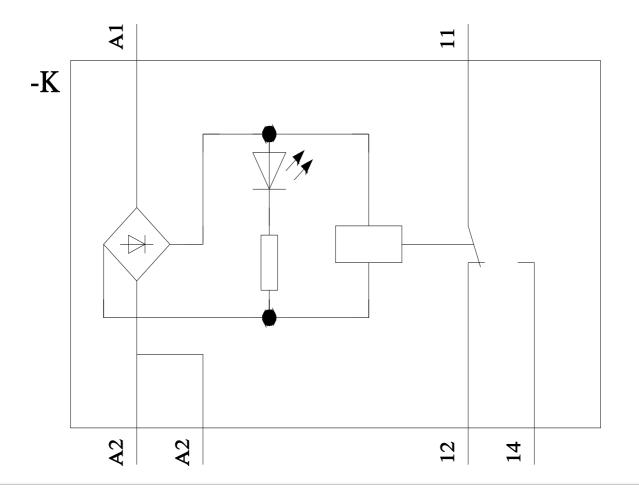
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RQ3038-1AE00&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RQ3038-1AE00&lang=en</a>

**Characteristic: Derating** 

https://support.industry.siemens.com/cs/ww/en/ps/3RQ3038-1AE00/manual





last modified: 6/30/2023 🖸

## **Mouser Electronics**

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3RQ30381AE00