## SIEMENS

## Data sheet

## 3RQ3018-1AB00



Output coupler Relay coupler, 1 change-over contact 24 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	Output 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	0.3 W
insulation voltage for overvoltage category III according to IEC60664 with degree of pollution 3 rated value	300 ∨
surge voltage resistance rated value	4 kV
maximum permissible voltage for protective separation	
<ul> <li>between control and auxiliary circuit</li> </ul>	300 V
percental drop-out voltage related to the input voltage	10 %
flammability class of enclosure material	UL94 V-0
shock resistance	
<ul> <li>according to IEC 60068-2-27</li> </ul>	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	К
Substance Prohibitance (Date)	03/25/2015
Weight	0.035 kg
Control circuit/ Control	
control supply voltage at AC	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
control supply voltage frequency	
• 1 rated value	50 Hz
2 rated value	60 Hz
control supply voltage at DC rated value	24 V
operating range factor control supply voltage rated value at DC	
initial value	0.8

full-scale value	1.25
operating range factor control supply voltage rated value at	
AC at 50 Hz	
• initial value	0.8
full-scale value	1.25
operating range factor control supply voltage rated value at AC at 60 Hz	
• initial value	0.8
• full-scale value	1.25
ON-delay time	
• at AC maximum	12 ms
• at DC maximum	12 ms
OFF-delay time maximum	14 ms
Mechanical data	
product component plug-in socket	No
design of the relay operating mechanism	poled
Short-circuit protection	
design of the fuse link for short-circuit protection of the auxiliary	fuse gG: 4 A
switch required	
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
	mA)
Main aircuit	
Main circuit	1070
type of voltage	AC/DC
type of voltage Inputs/ Outputs	
type of voltage Inputs/ Outputs property of the output short-circuit proof	No
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	
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
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	No 3 A 1 A
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
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	No 3 A 1 A
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	No 3 A 1 A 0.2 A 0.1 A
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 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	No 3 A 1 A 0.2 A 0.1 A
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	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	No 3 A 1 A 0.2 A 0.1 A ambience A (industrial sector) corresponds to degree of severity 3 2 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	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
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	No 3 A 1 A 0.2 A 0.1 A ambience A (industrial sector) corresponds to degree of severity 3 2 kV
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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	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
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	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
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 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-conductor 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	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 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 250 V         Electromagnetic compatibility         EMC emitted interference according to IEC 60947-1         EMC immunity according to IEC 60947-1         e 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	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 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 25 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         • due to conductor-conductor surge according to IEC 61000-4-5         • due to conductor-conductor surge according to IEC 61000-4-5         • due to conductor-conductor surge according to IEC 61000-4-5         • due to conductor-conductor surge according to IEC 61000-4-5         • due to conductor-conductor surge according to IEC 61000-4-2         Display         display version as status display by LED         Connections/ Terminals	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         • due to conductor-conductor surge according to IEC 61000-4-5         • due to conductor-conductor surge according to IEC 61000-4-5         • due to conductor-conductor surge according to IEC 61000-4-5         • due to conductor-conductor surge according to IEC 61000-4-5         • due to conductor-conductor surge according to IEC 61000-4-5         • due to conductor-conductor surge according to IEC 61000-4-5         field-based interference according to IEC 61000-4-2         Display         display version as status display by LED         Connections/ Terminals         product function removable terminal	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 2 kV 1 kV 10 V/m 6 kV contact discharge / 8 kV air discharge LED green No
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 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 61000-4-3         electrostatic discharge 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	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 2 kV 1 kV 10 V/m 6 kV contact discharge / 8 kV air discharge LED green No
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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 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         • due to conductor-conductor surge according to IEC 61000-4-5         • due to conductor-conductor surge according to IEC 61000-4-3         electrostatic discharge according to IEC 61000-4-3         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	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         2 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 61000-4-4         • due to burst according to IEC 61000-4-4         • due to conductor-conductor surge according to IEC 61000-4-5         • due to conductor-conductor surge according to IEC 61000-4-5         • due to conductor-conductor surge according to IEC 61000-4-5         • due to conductor-conductor surge according to IEC 61000-4-3         electrostatic discharge according to IEC 61000-4-3         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	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         2 kV         10 V/m         6 kV contact discharge / 8 kV air discharge         LED green         No         screw-type terminals         500 m
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conclusion conductor as section     0.35 - 2.5 mm <sup>2</sup> • sink shareded with none and procession     0.25 - 1.5 mm <sup>2</sup> • sold     20 - 1.4       Inglessing torque with sole-wype termanals     20 - 1.4       Inglessing torque with sole-wype termanals     20 - 1.6 mm <sup>2</sup> • sold     20 - 1.4       Inglessing torque with sole-wype termanals     20 - 1.4       Inglessing torque with sole-wype termanals     20 - 1.6 mm <sup>2</sup> • sold     20 - 1.6 Mm <sup>2</sup> • sold concertainty of the sole	<ul> <li>for AWG cables solid</li> </ul>	1 x (20 14)
• Endy standard with core and processing     Q.25 15 mm <sup>2</sup> • Sold     Q	connectable conductor cross-section	
• Ring strated with rous out processing     0.25 1.5 mm²       • Sold     20 14       hybring torque with acrew type terminals     0.50.8 km       • Sold     0	• solid	0.25 2.5 mm <sup>2</sup>
sectors sold sold sold sold sold sold sold sol	<ul> <li>finely stranded with core end processing</li> </ul>	0.25 1.5 mm <sup>2</sup>
instruction recoursions     0.5 0.6 N m       Instruction recoursions     any       Instruction reco		
Installation financial position       any         meaning position       any         Fastering method       snap-on mounting         Height       93 mm         depth       72.5 mm         required spacing       - forwards         - backwards       0 mm         - attresside       0 mm <td>• solid</td> <td>20 14</td>	• solid	20 14
mounting position     ary       fastening method     snap-on mounting       height     93 mm       witch     0.2 mm       depth     72.5 mm       required spacing     0 mm       - throwards     0 mm       - backwards     0 mm       - downwards     0 mm <td>tightening torque with screw-type terminals</td> <td>0.5 0.6 N·m</td>	tightening torque with screw-type terminals	0.5 0.6 N·m
Instanting method     srap on mounting       height     93 m       depth     72.5 mm       required spacing     0 mm       - skatwards     0 mm       - upwards     0 mm       - upwards     0 mm       - ownwards     0 mm       - ownwards     0 mm       - downwards     0 mm       - downwards     0 mm       - downwards     0 mm       - at the side     0 mm       - ownwards     0 mm       - downwards     0 mm       - downwards     0 mm       - downwards     0 mm       - downwards     0 mm       - ownwards     0 mm       - downwards     0 mm <tr< td=""><td>Installation/ mounting/ dimensions</td><td></td></tr<>	Installation/ mounting/ dimensions	
Instanting method     srap on mounting       height     93 m       depth     72.5 mm       required spacing     0 mm       - skatwards     0 mm       - upwards     0 mm       - upwards     0 mm       - ownwards     0 mm       - ownwards     0 mm       - downwards     0 mm       - downwards     0 mm       - downwards     0 mm       - at the side     0 mm       - ownwards     0 mm       - downwards     0 mm       - downwards     0 mm       - downwards     0 mm       - downwards     0 mm       - ownwards     0 mm       - downwards     0 mm <tr< td=""><td>mounting position</td><td>any</td></tr<>	mounting position	any
height     93 mm       width     62 mm       dopth     72.5 mm       required spacing     0 mm       - lowards     0 mm       - upwards     0 mm       - upwards     0 mm       - upwards     0 mm       - downwards     0 mm       - downwards <td></td> <td></td>		
with     9.2 mm       depth     72.5 mm       required spacing     72.5 mm       - wards     0 mm       - backwards     0 mm       - ownrards     0 mm       - backwards     0 mm       - backwards     0 mm       - ownrards     0 mm <td></td> <td></td>		
depth       72.5 mm         required spacing       - forwards         - forwards       0 mm         - upwards       0 mm         - downwards       0 m		
required spacing     • with side by side monthing     0 mm       - backwards     0 mm       - backwards     0 mm       - downwards     0 mm       - upwards     0 mm       - downwards     0 mm       - downards		72.5 mm
<ul> <li>• with side-by-side mounting         <ul> <li>for wards</li> <li>omm</li> <li>backwards</li> <li>omm</li> <li>upwards</li> <li>omm</li> <li>at the side</li> <li>omm</li> </ul> <ul> <li>at the side</li> <li>omm</li> </ul> <li>at the side</li> <ul> <li>omm</li> </ul> <li>at the side</li> <li>omm</li> </li></ul> <li>at the side</li> <ul> <li>omm</li> </ul> <li>at the side</li> <ul> <li>omm</li> </ul> <li>at the side</li> <li>omm</li> <li>at the side</li> <li>omm</li> <li>at the side</li> <ul> <li>omm</li> <li>at the side</li> <li>omm</li> </ul> <li>at the side</li> <li>omm</li> <li>at the side</li> <ul> <li>omm</li> <li>at the side</li> <li>omm</li> <li>at the side</li> <li>omm</li> <li>at the side</li> <li>omm</li></ul>		
<ul> <li>− forwards</li> <li>− backwards</li> <li>− orwards</li> <li>− orw</li></ul>		
- backwards     0 mm       - upwards     0 mm       - orwards     0 mm       - a the side     0 mm       - orwards     0 mm       - backwards     0 mm       - backwards     0 mm       - backwards     0 mm       - ownards     0 mm       - backwards     0 mm       - ownards     0 mm <td< td=""><td></td><td>0 mm</td></td<>		0 mm
- upwards     0 mm       - downwards     0 mm       - for grounded parts     0 mm       - for wards     0 mm       - for wards     0 mm       - upwards     0 mm       - downwards     - downwards		
- downwards     0 mm       - a th e side     0 mm       - backwards     0 mm       - backwards     0 mm       - a th e side     0 mm       - b ackwards     0 mm       - b ackwards     0 mm       - b ackwards     0 mm       - downwards     0 mm <td></td> <td></td>		
<ul> <li>for grounded parts         <ul> <li>for wards</li> <li>growards</li> <ligrowards< li=""> <li>growards</li> <ligrowards< li=""> <li>growar</li></ligrowards<></ligrowards<></ul></li></ul>		
- forwards     0 mm       - backwards     0 mm       - a the side     0 mm       - a the side     0 mm       - downwards     0 mm       - backwards     0 mm       - a the side     0 mm       - b toring storage     -		0 mm
- backwards     0 mm       - uywards     0 mm       - downwards     0 mm       - downwards     0 mm       - backwards     0 mm       - backwards     0 mm       - backwards     0 mm       - backwards     0 mm       - uywards     0 mm       - backwards     0 mm       - backwards     0 mm       - uywards     20 mm       - athe side     0 mm       - uting tansport     -25 m + 60 °C       - uting tansport     -25 m + 60 °C       - during tansport     10 m + 85 °C       - during tansport     10 m + 85 °C       - febroal     10 m + 85 °C       - febroal     Externation       Orgen     Externation       Orgen     Externation       Orgen <td< td=""><td></td><td>0</td></td<>		0
- upwards       0 mm         - at the side       0 mm         - downwards       0 mm         - forwards       0 mm         - backwards       0 mm         - at the side       0 mm         - downwards       0 mm         - at the side       0 mm         - at the side       0 mm         - downwards       0 mm         - at the side       0 mm         - downwards       0 mm         - at the side       - at the side         - downwards       - at the side         - down + 45 °C       - at the side		
- at the side - downwards 0 mm - downwards 0 mm - forwards 0 mm - backwards 0 mm - upwards 0 mm - at the side 0 mm - at		
downwards     0 mm       • for live parts     0 mm       forwards     0 mm       backwards     0 mm       backwards     0 mm       downwards     downwards       downwards     downwards       downwards     downwards       downwards     downwards       downwards     downwards       during operation     25 +60 °C       downer     downer       downer     downer       downer     downer       downer <td></td> <td></td>		
<ul> <li>for live parts         <ul> <li>forwards</li> <li>powards</li> <li>powards</li> <li>downwards</li> <li>omm</li> <li>downwards</li> <li>omm</li> <li>at the side</li> <li>omm</li> </ul> </li> <li><i>Authorationalitude</i> at height above sea level maximum</li> <li>2000 m</li> <li><i>ambient</i> temperature</li> <li>-25 +60 °C</li> <li>-40 +65 °C</li> <li></li></ul>		
		0 mm
- backwards       0 mm         - upwards       0 mm         - downwards       0 mm         - ath eside       0 mm         Anbient conditions       0 mm         Installation attitude at height above sea level maximum       2 000 m         anbient temperature       -25 +60 °C         - 40 +85 °C       -40 +85 °C         - during transport       10 95 %         Approvals Cortificates       Emeril         General Product Approval       Emeril         Effect       Emeril         Effect       Toest Certificates         Marine / Shipping       other         Effect       Type Test Certificates         Environmental Con-       Environmental Con-		
- upwards       0 mm         - downwards       0 mm         - at the side       0 mm         Installation attitude at height above sea level maximum       2 000 m         ambient temperature       -25 + 60 °C         - during sparation       -25 + 60 °C         - during storage       -40 + 85 °C         - during transport		
- downwards - a the side       0 mm         Anstallation altitude at height above sea level maximum       2 000 m         ambient temperature - during operation       2 000 m         - during storage       -40 + 85 °C         - during transport       -40 + 85 °C         - relative humidity during operation       10 95 %         Approvals Contificates	— backwards	0 mm
- at the side       0 mm         Ambient conditions       2000 m         installation attitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • during operation       -25 +60 °C         • during operation       -25 +60 °C         • during transport       -40 +85 °C         • during transport       • during transport         • during transport       • during transport         • during transport       • during transport         • d		0 mm
Anbient conditions         Installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         - during operation       -25 +60 °C         - during transport       -40 +85 °C         - during transport       -40 +85 °C         - during transport       -40 +85 °C         relative humidity during operation       10 95 %         Approvals Certificates       General Product Approval         Confirmation         General Product Approval       EMV         Emvironment       KC       Type Test Certificates         Environment       Environment	— downwards	0 mm
installation altitude at height above sea level maximum       2 000 m         ambient temperature       - during operation         - during operation       -25 + 60 °C         - during transport       -40 + 85 °C         - during transport       -00 + 85 °C         - during operation       10 95 %         Approvals Certificates       General Product Approval         General Product Approval       EMV         Environment       EMV         KC       Type Test Certificates         Confirmation       other         Environment       Environmental Con-		0 mm
ambient temperature       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -40 +85 °C         • during transport       -40 +85 °C         relative humidity during operation       10 95 %         Approvals Cortificates       General Product Approval         General Product Approval       EMV       Test Certificates         Marine / Shipping       other         U       EMV       KC         Type Test Certificates       EMV         KC       Type Test Certificates         Environment       Environment	Ambient conditions	
$\begin{array}{cccc} -25 & +60 & ^{\circ}C \\ -40 & +85 & ^{\circ}C \\ \hline telative humidity during operation & 10 & 95 % \end{array}$	installation altitude at height above sea level maximum	2 000 m
- during storage     -40 +85 °C       - during transport     -40 +85 °C       - during transport     -40 +85 °C       relative humidity during operation     10 95 %         Approvals Certificates         General Product Approval       EMV     Test Certificates       Marine / Shipping     other       EMC     Iver Type Test Certificates         Marine / Shipping     other         Environment	ambient temperature	
• during transport       -40 +85 °C         relative humidity during operation       10 95 %         Approvals Certificates       Confirmation         General Product Approval       EMV         General Product Ap- proval       EMV         EMV       Test Certificates         Marine / Shipping       other         Environment       Environment	<ul> <li>during operation</li> </ul>	-25 +60 °C
relative humidity during operation       10 95 %         Approvals Certificates         General Product Approval	<ul> <li>during storage</li> </ul>	-40 +85 °C
Approvals Certificates         General Product Approval       Cenfirmation       Opposite         General Product Approval       EMV       Test Certificates       Marine / Shipping       other         General Product Approval       EMV       KC       Type Test Certificates       Marine / Shipping       other         EEEE       EEEE       KC       Type Test Certificates       Confirmation       Confirmation         EEEE       EEEEE       KC       Type Test Certificates       Confirmation       Confirmation         EEEEE       EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE	during transport	-40 +85 °C
General Product Approval         Image: Configuration of the proval       Image: Configuration of the proval       Image: Configuration of the proval         General Product Ap- proval       EMV       Test Certificates       Marine / Shipping       other         Image: Configuration of the proval         Image: Configuration of the proval       Image: Configuration of the proval       Image: Configuration of the proval       Image: Configuration of the proval         Image: Configuration of the proval       Image: Configuration of the proval of the proval       Image: Configuration of the proval of the proval of the prove of the proval of the prove of the proval of the prove of the proval of the proval of the prove of the proval of the proval of the proval of the proval of the prove of the proval of the prove of the proval of th	relative humidity during operation	10 95 %
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Environmental Con-		Test Certificates Marine / Shipping other
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	Environmental Con- firmations	

## Further information

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=3RQ3018-1AB00

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RQ3018-1AB00

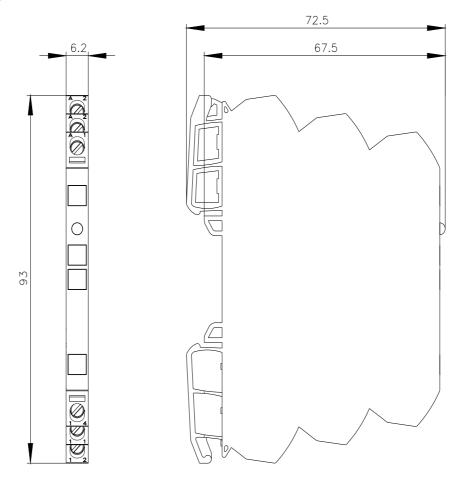
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

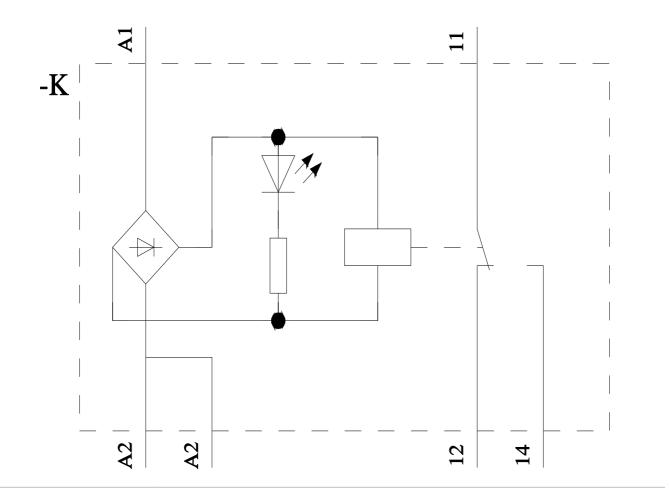
https://support.industry.siemens.com/cs/ww/en/ps/3RQ3018-1AB00

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RQ3018-1AB00&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/3RQ3018-1AB00/manual





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