## SIEMENS

## Data sheet

## 3RQ3118-1AB01



Output coupler with plug-in Relay, 1 CO, hard gold-plated screw terminal 24 V AC/DC Enclosure width 6.2 mm Thermal current 6A

product brand name	SIRIUS		
product category	SIRIUS 3RQ3 coupling relays in slim design		
product designation	Coupling relays with plug-in relay		
design of the product	Output coupling link		
product type designation	3RQ3		
General technical data			
display version LED	Yes		
product component			
<ul> <li>relay output</li> </ul>	Yes		
<ul> <li>semi-conductor output</li> </ul>	No		
consumed active power	0.3 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 safe isolation			
<ul> <li>between control and auxiliary circuit</li> </ul>	300 V		
percental drop-out voltage related to the input voltage	10 %		
protection class IP	IP20		
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		
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		

• eliki-cale value         128           A at a bit.         • eliki-cale value         0.8           • eliki-cale value         0.8           • eliki-cale value         125           • eliki-cale value         0.8           • eliki for antion         12 ms           • eliki for antion         0.8           • product component plug-insolut         Yes           • Stort cale value value         0.8           • product product product cale value         Agin02 hand policiplied           • at 28 V         3 A           • eliki Y         0.1 A           • eliki Y         0.1 A					
AC is of iz         • intai value         0.8           • intai value         0.8           • intai value         1.26           • intai value         0.8           • intai value         12 ms           • intai value         12 ms           • intai value         0.00	full-scale value	1.25			
• A set of the state of the					
• Alisana value     1.25       • Initial value     0.8       • Initial value     1.25       ON-desy time     1.2 ms       • III C. maximum     1.3 ms       • III C. maximum     1.4 ms       • III C. Maximum <t< td=""><td></td><td></td></t<>					
operational current of auxiliary contacts at DC-13         0.8           • ethics whice         0.8           • ethics whice         0.8           • ethics whice         0.8           • ethics whice         1.25 c.           ON-delay time         1.2 ms           • ethic Arraismum         12 ms           • ethic Arraismum         14 ms           Declay of the tise link for Insto-inscut protection of the auxiliary winch require         Yes           Stort-declay Declay of the tise link for Insto-inscut protection         Yes           Auxiliary contacts         Ags/RO2 hand gold-piated           number of Co.Contacts for auxiliary contacts at AC-15         1.4           • at 28 of V         3.A           • at 28 of V         0.2.A           • at 28 of V         0.2.A <td></td> <td></td>					
AC at 69 its       -         • infail value       0.8         • infail value       1.25         OV.delay time       -         • at 1A C maximum       12 ms         OF 4 days time       14 ms         design of the taky operating mechanism       poled         product component plugin a cocket       Yes         Stort-Circuit protection       -         Store-Circuit of auxiliary contacts       -		1.25			
• Initial value0.8• Initial value1.25O'N delay time1.2 ms• I d C maximum12 ms• I d C maximum12 ms• I d C maximum12 msO'N delay time14 ms• I d C maximum12 msO'N delay time relay operating mechanismpoledproduct component plugh socketYesSince::intum productionYesMaximumNangover contactAuximumApsn202 hard gold plutedI material of soluting contactsAgSn202 hard gold plutedI material of soluting contactsAgSn202 hard gold plutedI material of soluting contacts at AC-15I• at 26 V3 A• at 26 V3 A• at 26 V0.2 A• at 26 V0.1 A• at 26 V0.1 A• at 260					
• I.4S         0.1.4S           ON-delay time         -           • I.4 C. maximum         12 ms           • I.4 D. maximum         12 ms           • I.4 D. maximum         12 ms           • I.4 D. maximum         90kd           • I.4 D. maximum         90kd           • I.4 D. maximum         50 mt           • I.4 D. maximum         50 mt           • I.4 D. maximum         60kg of the relay operating machanism           • I.4 D. maximum         60kg of the relay operating machanism           • I.4 D. maximum         60kg of the relay operating machanism           • I.4 D. maximum         60kg of the relay operating machanism           • I.4 D. maximum otations for auxiliary contacts at AC-15         -           • I.4 D. M.         3 A           • I.4 D. M.         0.2 A           • I.4 D. M. </td <td></td> <td>0.8</td>		0.8			
ON-deal AC maximum     12 ms       • at AC maximum     12 ms       • at CC maximum     14 ms       • design of the relay operating mechanism     poled       product component plugin socket     Yes       Short-Criteral productional protection of the auxiliary solution within regulational comparison of the maximum     Name go 4 A       Auxiliary contacts     AgsNO2 hard gold plated       (material of switching contacts     AgSNO2 hard gold plated       (material of switching contacts at AC-15     1       • at 250 V     3 A       • at 250 V     02 A       • at 250 V <t< td=""><td></td><td></td></t<>					
if AC maximum     12 ms       OF-Adely time     14 ms       design of the relay operating mechanism     poled       product component plugi-insockit     Yes       Short-facult protection     Test gG2: 4 A       Auxiliary circuit     Changoover context       Lype of switching contact     Changoover contact       availary circuit     Changoover contact       Turber of Contacts for auxiliary contacts at AC-15     1       operational current of auxiliary contacts at AC-15     3       at 28 V     3 A       at 28 V     3 A       at 28 V     0.2 A       at 28 V     0.1 A       ore incorrect whiching operation of 100 million switching operations (5 V, 1       at 32 V     0.1 A       contact reliability of auxiliary contacts     0.1 A       at 32 V     0.1 A       contact reliability of auxiliary contacts     3A       mapacity of the output short-circuit proof     No       ampacity of the output relay at AC-15 at 250 V at 5000 Hz     3A       anapacity of the output relay at AC-15 at 250 V at 5000 Hz     3A       anapacity of the output relay at AC-15 at 250 V at 5000 Hz     3A       anapacity of the output relay at AC-15 at 250 V at 5000 Hz     3A       anapacity of the output relay at AC-15 at 250 V at 5000 Hz     3A       anapacity of the output rel					
OFF-delay time         14 ms           design of the relay operating mechanism         poled           product component plugi asockt         Yes           Short-finicity protection         The set of the set of the auxiliary           with required         Availary circuit           type of switching contact         Changeover contact           Applied Switching contacts         ApSNO2 had gold-plated           number of Cootacts for auxiliary contacts at AC-15         a           - al 250 V         3A           - al 250 V         3A           - al 250 V         0.1A           contact for auxiliary contacts         one incorrect whiching operations (5 V, 1           - al 250 V         0.1A           contact reliability of auxiliary contacts         one incorrect whiching operation of 100 million switching operations (5 V, 1           Main circuit         The output state of auxiliary contacts         one incorrect whiching operation of 100 million switching operations (5 V, 1           Main circuit         The output state of auxiliary contacts         one incorrect whiching operation of 100 million switching operations (5 V, 1           Main circuit         The output state of auxiliary contacts         one incorrect whiching operation of 100 million switching operations (5 V, 1           Main circuit         The output state of auxiliary contacts         one	-	12 ms			
design of the relay operalling mechanism         poled           product component plugin socket         Yes           Short-Circuit Production         Yes           design of the fuse link for short-circuit protection of the auxiliary with megined         fuse gC: 4.A           Auxiliary circuit         The fuse link for short-circuit protection of the auxiliary with megined           Maxiliary circuit         Changeover contact.           Appendix auxiliary contacts         AgSNO2 hard goits-plated           number of CO contacts for auxiliary contacts at AC-15         1           • at 250 V         3.A           operational current of auxiliary contacts at AC-15         1.A           • at 250 V         0.2 A           • at 250 V         0.1 A           • at 250 V         0.1 A           • at 250 V         0.1 A           • at 250 V         0.2 A           <	• at DC maximum	12 ms			
design of the relay operating mechanism     poled       yroduct component plug-in socket     Yes       Short-Circuit protection     fuse gG: 4 A       witch required     Auxiliary vircuit       Type of switching contact     Changeover contact       material of switching contacts     AgSn02 hard gold-plated       number of CO contacts for auxiliary contacts at AC-15     1       • at 24 V     3 A       • at 250 V     3 A       • at 250 V     3 A       • at 250 V     0.1 A       • at 250 V     0.2 A <t< td=""><td>OFF-delay time</td><td colspan="4"></td></t<>	OFF-delay time				
product component plug-in socket         Yes           Short-circuit protection         fuse g6: 4 A           Auxiliary circuit         fuse g6: 4 A           Auxiliary circuit         fuse g6: 4 A           Auxiliary circuit         Changeover contact           number of CO contacts for auxiliary contacts at AC-15         A           - at 24 V         3 A           - at 250 V         3 A           operational current of auxiliary contacts at DC-13         -           - at 24 V         3 A           - at 250 V         0.1 A           context reliability of auxiliary contacts at DC-13         -           - at 250 V         0.1 A           context reliability of auxiliary contacts         OC/DC           fipuds/ Outputs         AC/DC           function         Main circuit           type of voltage         AC/DC           fipuds/ Output relay at DC-13         -           - at 250 V         0.1 A           context reliability of the output relay at DC-13         -           - at 250 V         0.2 A           - at 250 V         0.2 A <tr< td=""><td>· · · · · · · · · · · · · · · · · · ·</td><td colspan="4"></td></tr<>	· · · · · · · · · · · · · · · · · · ·				
design of the face link to short circuit protection of the auxiliary switch required       fixes giS: 4 A         Auxiliary circuit       Changeover contact         Auxiliary circuit       AgSn02 hard gold-plated         number of C0 contacts for auxiliary contacts       AgSn02 hard gold-plated         operational current of auxiliary contacts at AC-15       1         operational current of auxiliary contacts at DC-13       3 A         • at 250 V       3 A         • at 250 V       0.1 A         contact reliability of auxiliary contacts at DC-13       an incorrect switching operation of 100 million switching operations (5 V, 1 m/A)         • at 250 V       0.1 A         contact reliability of auxiliary contacts       ACDC         Ippred voltage       ACDC         Ippred voltage       ACDC         Indicati       3 A         ampacity of the output relay at DC-13       3 A         • at 24 V       3 A         • at 250 V       0.1 A         contact reliability of auxiliary contacts       ACDC         Ippred voltage       ACDC         Iproperty of the output relay		Yes			
swich required  ype of switching contact  (type of switching contact (the switching contact)  (type of switching contact)  (type of switching contact)  (type of switching contacts)  (type of consect switching operation of 100 million switching operations (5 V, 1 maximum)  (type of switching contacts)  (type of consect switching operation of 100 million switching operations (5 V, 1 maximum)  (type of switching contacts)  (type of consect switching contacts)	Short-circuit protection				
Auxiliary circuit         Changeover contact           type of switching contact         AqSn02 hard gold-plated           number of CO contacts for auxiliary contacts         1           oparational current of auxiliary contacts at AC-15         3 A           • at 24 V         3 A           • at 250 V         3 A           operational current of auxiliary contacts at DC-13         1           • at 250 V         0.1 A           contact reliability of auxiliary contacts         0.1 A           contact reliability of auxiliary contacts         0.1 A           contact reliability of auxiliary contacts         one incorrect switching operation of 100 million switching operations (5 V, 1           Main circuit         Type of voltage         AC/DC           property of the output relay at DC-13         a           • at 250 V         0.1 A         angaexity of the output relay at DC-13           ampacity of the output relay at DC-13         3 A           • at 24 V         0.2 A         0.2 A           • at 250 V         0.1 A         Contact reliability           et 125 V         0.2 A         0.2 A           • at 250 V         0.1 A         Conductor interference           • due to conductor-conductor surge according to IEC 61000-4.4         2 kV         2 kV </td <td>design of the fuse link for short-circuit protection of the auxiliary</td> <td>fuse gG: 4 A</td>	design of the fuse link for short-circuit protection of the auxiliary	fuse gG: 4 A			
type of switching contact         Changeover contact           material of switching contacts         AgSn2 hard gold-plated           number of Co contacts for auxiliary contacts at AC-15         i           • at 24 V         3 A           • at 25 V         3 A           operational current of auxiliary contacts at DC-13         i           • at 25 V         0.2 A           • at 25 V         0.1 A           contact reliability of auxiliary contacts         one incorrect switching operation of 100 million switching operations (5 V, 1           mAin circuit         Type of voltage         AC/DC           type of the output relay at DC-13         a         a           • at 25 V         0.2 A         3 A           ampacity of the output relay at DC-13         a         a           • at 24 V         0.2 A         3 A           • at 25 V         0.2 A         3 A           ampacity of the output relay at DC-13         a         a           • at 25 V         0.2 A         3 A           • at 25 V         0.2 A         3 A           eat 25 V         0.2 A         3 A           • at 25 V         0.2 A         3 A           • at 25 V         0.2 A         3 A           •	switch required	°			
meterial of switching contacts         AgSnO2 hard gold-plated           number of CO contacts for auxiliary contacts at AC-15         1           • at 24 V         3 A           • at 250 V         3 A           • at 250 V         3 A           • at 250 V         0.2 A           • at 250 V         0.1 A           • at 250 V         0.1 A           • at 250 V         0.1 A           contact reliability of auxiliary contacts         0.2 A           • at 250 V         0.1 A           context reliability of auxiliary contacts         one incorrect switching operation of 100 million switching operations (5 V, 1 mA)           Wine of CO contacts reliability of auxiliary contacts         AC/DC           inputs/ Outputs         AC/DC           inputs/ Outputs         AC/DC           inputs/ Outputs         A           property of the output relay at AC-15 at 250 V at 50/60 Hz         3 A           • at 250 V         0.2 A </td <td>Auxiliary circuit</td> <td></td>	Auxiliary circuit				
number of CO contacts for auxiliary contacts at AC-15       1         operational current of auxiliary contacts at AC-15       3 A         • at 250 V       3 A         operational current of auxiliary contacts at DC-13       1         • at 24 V       1 A         • at 250 V       0.2 A         • contact reliability of auxiliary contacts       one incorrect switching operation of 100 million switching operations (5 V, 1 m/h)         Main circuit       Type of voltage         Type of voltage       AC/DC         Inputs/Outputs       The output short-circuit proof         property of the output short-circuit proof       No         ampacity of the output relay at AC-15 at 250 V at 50/60 Hz       3 A         • at 250 V       0.2 A         • at 250 V       0.1 A         Electromagnetic compatibility       Exection and therefore according to IEC 60947-1         EMC emitted interference according to IEC 61000-4-4       2 kV         • due to conductor-enductor surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-2       <	type of switching contact	Changeover contact			
operational current of auxiliary contacts at AC-15       3 A         • at 24 V       3 A         operational current of auxiliary contacts at DC-13       1 A         • at 250 V       0.2 A         • at 250 V       0.1 A         contact reliability of auxiliary contacts       one incorrect switching operation of 100 million switching operations (5 V, 1 mA)         Main circuit       The output relay at AC-15 at 250 V         type of voltage       AC/DC         Imputs/ Outputs       The output relay at AC-15 at 250 V at 50/60 Hz         ampacity of the output short-circuit proof       No         ampacity of the output short-circuit proof       No         ampacity of the output relay at AC-15 at 250 V at 50/60 Hz       3 A         ampacity of the output relay at AC-15 at 250 V       0.2 A         • at 26 V       0.1 A         Electromagnetic compatibility       Electromagnetic compatibility         EMC immunity according to IEC 60947-1       corresponds to degree of severity 3         conductor-enth surge according to IEC 61000-4-3       10 V/m         electorstatic discharge / 8 kV air discharge       1kV         éled-based interference       2 kV         • due to conductor-ondutor surge according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-3	material of switching contacts				
• at 24 V     3 A       • at 250 V     3 A       • at 24 V     1 A       • at 24 V     1 A       • at 24 V     0.2 A       • at 250 V     0.1 A       contact reliability of auxiliary contacts     one incorrect switching operation of 100 million switching operations (5 V, 1 mÅ)       Main circuit	number of CO contacts for auxiliary contacts	1			
• 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 (5 V, 1 mA)       Main circuit     type of voltage       type of voltage     AC/DC       Inputs/ Outputs     AC/DC       inputs/ Outputs     ampacity of the output relay at AC-15 at 250 V at 50/60 Hz       • at 24 V     1 A       • at 25 V     0.2 A       • at 25 V     0.1 A       Electomagnetic compatibility     corresponds to degree of severity 3       conducted interference according to IEC 61000-4.5     2 kV       • due to conductor-conductor surge according to IEC 61000-4.5     2 kV       • due to co	operational current of auxiliary contacts at AC-15				
operational current of auxiliary contacts at DC-13       1 A         • at 24 V       1 A         • at 250 V       0.2 A         contact reliability of auxiliary contacts       one incorrect switching operation of 100 million switching operations (5 V, 1 m/)         Main circuit       Type of voltage         type of voltage       AC/DC         Inputs/Outputs       property of the output short-circuit proof         no ampacity of the output relay at AC-15 at 250 V at 50/60 Hz       3 A         ampacity of the output relay at AC-15 at 250 V at 50/60 Hz       3 A         ampacity of the output relay at AC-15 at 250 V at 50/60 Hz       3 A         at 24 V       0.2 A       0.2 A         • at 250 V       0.2 A       0.2 A         • at 24 V       0.4 A       0.2 A         • at 250 V       0.1 A       Electronagnetic compatibility         EMC emitted interference       ocresponds to degree of seventy 3         conducted interference       e due to burst according to IEC 61000-4.5       2 kV         • due to conductor-centh surge according to IEC 61000-4.5       2 kV         • due to conductor-aenth surge according to IEC 61000-4.3       10 V/m         electronagnet according to IEC 61000-4.3       10 V/m         electrostatic discharge according to IEC 61000-4.3       10 V/m	• at 24 V	3 A			
	• at 250 V	3 A			
• at 125 V       0.1 A         contact reliability of auxiliary contacts       one incorrect switching operation of 100 million switching operations (5 V, 1 mA)         Main circuit       type of voltage         AC/DC       Inputs/ Outputs         property of the output short-circuit proof       No         ampacity of the output relay at AC-15 at 250 V at 50/60 Hz       3 A         ampacity of the output relay at AC-15 at 250 V at 50/60 Hz       3 A         ampacity of the output relay at DC-13       • at 24 V         • at 24 V       1 A         • at 250 V       0.1 A         Electromagnetic compatibility       Corresponds to degree of severity 3         conducted interference according to IEC 60947-1       corresponds to degree of severity 3         conducted interference according to IEC 61000-4-4       2 kV         • due to burst according to IEC 61000-4-5       2 kV         • due to conductor-archisurge according to IEC 61000-4-5       1 kV         field-based Interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-2       6 kV contact discharge / 8 kV air discharge         Display       display version as status display by LED       LED green         connections/ Terminals       No         type of electrical connection for auxiliary and control circuit	operational current of auxiliary contacts at DC-13				
• at 250 V       0.1 A         contact reliability of auxiliary contacts       one incorrect switching operation of 100 million switching operations (5 V, 1 mA)         Main circuit       Type of voltage         type of voltage       AC/DC         imputs/ Outputs       Property of the output short-circuit proof         ampacity of the output relay at AC-15 at 250 V at 50/60 Hz       3 A         ampacity of the output relay at DC-13       -         • at 24 V       1 A         • at 125 V       0.2 A         • at 250 V       0.1 A         Electromagnetic compatibility       ambience A (industrial sector)         EMC emitted interference according to IEC 60947-1       corresponds to degree of severity 3         conducted interference       2 kV         • due to burst according to IEC 61000-4-4       2 kV         • due to conductor-conductor surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-2       6 kV contact discharge / 8 kV air discharge         Display       display version as status display by LED       LED green         Connections/ Torminals       seree-type terminals         wire length       500 m       seree-type terminals         wire length       6 kV contact discharge / 8 kV air discharge         electrosta	• at 24 V	1 A			
contact reliability of auxiliary contacts         one incorrect switching operation of 100 million switching operations (6 V, 1 mA)           Main circuit         mA)           type of voltage         AC/DC           Inputs/Outputs         Property of the output short-circuit proof         No           ampacity of the output relay at AC-15 at 250 V at 50/60 Hz         3 A           ampacity of the output relay at AC-15 at 250 V at 50/60 Hz         3 A           ampacity of the output relay at AC-15         2 A           • at 25 V         0.2 A           • at 250 V         0.1 A           Electromagnetic compatibility         EMC emitted interference according to IEC 60947-1           EMC immutiy according to IEC 60947-1         corresponds to degree of severity 3           conducted Interference         2 kV           • due to burst according to IEC 61000-4-4         2 kV           • due to conductor-candity to IEC 61000-4-3         10 V/m           electrostatic discharge according to IEC 61000-4-2         6 kV contact discharge / 8 kV air discharge           Display         display version as status display by LED	• at 125 V	0.2 A			
Main circuit     mA)       Main circuit     mpate of voltage       Imputs/ Outputs     AC/DC       property of the output short-circuit proof     No       ampacity of the output relay at DC-13 at 250 V at 50/60 Hz     3 A       ampacity of the output relay at DC-13     -       • at 24 V     1 A       • at 25 V     0.2 A       • at 25 V     0.1 A       Electromagnetic compatibility       EMC emitted interference according to IEC 60947-1       enducted interference       • due to burst according to IEC 60947-1       conducted interference       • due to conductor-conductor surge according to IEC 61000-4-4       • due to conductor-conductor surge according to IEC 61000-4-5       field-based interference according to IEC 61000-4-3       field-based interference according to IEC 61000-4-2       field-based interference accord	• at 250 V	0.1 A			
Main circuit       AC/DC         Inputs/Outputs       Property of the output short-circuit proof       No         ampacity of the output relay at AC-15 at 250 V at 50/60 Hz       3 A         ampacity of the output relay at DC-13       -         • at 24 V       1 A         • at 250 V       0.1 A         Electromagnetic compatibility       EMC emitted interference according to IEC 60947-1       ambience A (industrial sector)         EMC immunity according to IEC 61004-4       2 kV         • due to burst according to IEC 61000-4-5       2 kV         • due to conductor-earth surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-5       0 V/m         electrostatic discharge according to IEC 61000-4-2       1 kV         offield-based interference       6 kV contact discharge / 8 kV air discharge         Display	contact reliability of auxiliary contacts				
type of voltage         AC/DC           Inputs/ Outputs         property of the output relay at AC-15 at 250 V at 50/60 Hz         3.A           ampacity of the output relay at AC-15 at 250 V at 50/60 Hz         3.A           ampacity of the output relay at DC-13         1.A           • at 24 V         0.2 A           • at 250 V         0.1 A           Electromagnetic compatibility         EMC emitted interference according to IEC 60947-1           EMC emitted interference         corresponds to degree of seventy 3           conducted interference         2 kV           • due to burst according to IEC 61000-4-4         2 kV           • due to conductor-canth surge according to IEC 61000-4-5         1 kV           • field-based interference according to IEC 61000-4-3         10 V/m           electrostatic discharge according to IEC 61000-4-3         10 V/m           elsplay version as status display by LED         LED green           Connections/Terminals         screw-type terminals           product function removable terminal         No           • at AC maximum         500 m           • at AC maximu	Main circuit				
Inputs/Outputs         property of the output relay at AC-15 at 250 V at 50/60 Hz       3 A         ampacity of the output relay at AC-15 at 250 V at 50/60 Hz       3 A         ampacity of the output relay at DC-13       3 A         eat 24 V       1 A         eat 250 V       0.2 A         oat 250 V       0.1 A         Electromagnetic compatibility       EMC immunity according to IEC 60947-1         EMC immunity according to IEC 60947-1       corresponds to degree of severity 3         conducted interference       0.4 kV         • due to burst according to IEC 61000-4-4       2 kV         • due to conductor-earth surge according to IEC 61000-4-5       1 kV         • field-based interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-3       10 V/m         gisplay version as status display by LED       LED green					
property of the output short-circuit proof         No           ampacity of the output relay at AC-15 at 250 V at 50/60 Hz         3 A           ampacity of the output relay at DC-13         3 A           anapcity of the output relay at DC-13         3 A           a at 24 V         1 A           e at 250 V         0.2 A           at 250 V         0.1 A           Electromagnetic compatibility         EMC immunity according to IEC 60947-1           EMC immunity according to IEC 60947-1         corresponds to degree of sevenity 3           conducted interference         4 due to burst according to IEC 61000-4-4           • due to conductor-cenductor surge according to IEC 61000-4-5         2 kV           • due to conductor-conductor surge according to IEC 61000-4-3         10 V/m           electrostatic discharge according to IEC 61000-4-3         10 V/m           electrostatic discharge according to IEC 61000-4-3         10 V/m           electrostatic discharge according to IEC 61000-4-3         10 V/m           display version as status display by LED         LED green           Connections/Terminals         screw-type terminals           ivric length         • at AC maximum         500 m           • at AC maximum         500 m         100 m           • at AC maximum         500 m         100 m					
ampacity of the output relay at AC-15 at 250 V at 50/60 Hz 3 A ampacity of the output relay at AC-15 at 250 V at 50/60 Hz 3 A ampacity of the output relay at AC-15 at 250 V at 50/60 Hz 3 A ampacity of the output relay at AC-15 at 250 V at 50/60 Hz 1 A e at 25 V 0,2 A e at 250 V 0,1 A Electromagnetic compatibility EMC emitted interference according to IEC 60947-1 ambience A (industrial sector) EMC immunity according to IEC 60947-1 corresponds to degree of severity 3 conducted interference e due to burst according to IEC 61000-4-4 2 kV e due to conductor-earth surge according to IEC 61000-4-5 2 kV e due to conductor-earth surge according to IEC 61000-4-5 2 kV e due to conductor-earth surge according to IEC 61000-4-5 2 kV e due to conductor-earth surge according to IEC 61000-4-5 2 kV e due to conductor-earth surge according to IEC 61000-4-5 2 kV e due to conductor-earth surge according to IEC 61000-4-5 2 kV e due to conductor-earth surge according to IEC 61000-4-5 2 kV e due to conductor-earth surge according to IEC 61000-4-5 2 kV e due to conductor-earth surge according to IEC 61000-4-5 2 kV e due to conductor-earth surge according to IEC 61000-4-5 2 kV e due to conductor-earth surge according to IEC 61000-4-2 6 kV contact discharge / 8 kV air discharge bisplay display version as status display by LED LED green Connections/Terminals product function removable terminal type of electrical connection for auxiliary and control circuit screw-type terminals wire length e at AC maximum foo m type of connectable conductor cross-sections e solid finely stranded with core end processing fix (0.25 2.5 mm <sup>2</sup> )					
ampacity of the output relay at DC-13       1 A         • at 24 V       1 A         • at 25 V       0.2 A         • at 250 V       0.1 A         Electromagnetic compatibility       ambience A (industrial sector)         EMC immunity according to IEC 60947-1       ambience A (industrial sector)         EMC immunity according to IEC 60947-1       corresponds to degree of severity 3         conducted interference       -         • due to burst according to IEC 61000-4-4       2 kV         • due to conductor-earth surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-5       1 kV         • field-based interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-2       6 kV contact discharge / 8 kV air discharge         Display           display version as status display by LED       LED green         Connections/ Terminals       No         type of electrical connection for auxiliary and control circuit       screw-type terminals         wire length       • at AC maximum       1000 m         • at AC maximum       1000 m       1000 m         • solid       1 x (0.25 2.5 mm²)       1 x (0.25 2.5 mm²)         • finely stranded with core end p	Inputs/ Outputs	No			
• at 24 V       1 A         • at 25 V       0.2 A         • at 25 V       0.1 A         Electromagnetic compatibility       ambience A (industrial sector)         EMC emitted interference according to IEC 60947-1       ambience A (industrial sector)         EMC immunity according to IEC 60947-1       corresponds to degree of severity 3         conducted interference       4000 to 100000000000000000000000000000000	Inputs/ Outputs property of the output short-circuit proof				
• at 125 V0.2 A• at 250 V0.1 AElectromagnetic compatibilityEMC emitted interference according to IEC 60947-1ambience A (industrial sector)EMC immunity according to IEC 60947-1corresponds to degree of severity 3conducted interferenceorresponds to degree of severity 3conducted interference2 kV• due to burst according to IEC 61000-4-42 kV• due to conductor-earth surge according to IEC 61000-4-52 kV• due to conductor-conductor surge according to IEC 61000-4-51 kVfield-based interference according to IEC 61000-4-310 V/melectrostatic discharge according to IEC 61000-4-310 V/melectrostatic discharge according to IEC 61000-4-36 kV contact discharge / 8 kV air dischargeDisplaydisplay version as status display by LEDLED greenConnections/ TerminalsNotype of electrical connection for auxiliary and control circuitscrew-type terminalswire length-• at AC maximum500 m• at AC maximum1000 m• type of connectable conductor cross-sections-• solid1 x (0.25 2.5 mm²)• finely stranded with core end processing1 x (0.25 1.5 mm²)	Inputs/ Outputs property of the output short-circuit proof ampacity of the output relay at AC-15 at 250 V at 50/60 Hz				
• at 250 V       0.1 A         Electromagnetic compatibility         EMC emitted interference according to IEC 60947-1       ambience A (industrial sector)         EMC immunity according to IEC 60947-1       corresponds to degree of severity 3         conducted interference       oute to burst according to IEC 61000-4-4         e due to conductor-earth surge according to IEC 61000-4-5       2 kV         e due to conductor-conductor surge according to IEC 61000-4-5       1 kV         field-based interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-2       6 kV contact discharge / 8 kV air discharge         Display	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	3 A			
Electromagnetic compatibility         EMC emitted interference according to IEC 60947-1       ambience A (industrial sector)         EMC immunity according to IEC 60947-1       corresponds to degree of severity 3         conducted interference          • due to burst according to IEC 61000-4-4       2 kV         • due to conductor-earth surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-5       1 kV         field-based interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-2       6 kV contact discharge / 8 kV air discharge         Display          display version as status display by LED       LED green         Connections/ Terminals       No         yrpe of electrical connection for auxiliary and control circuit       screw-type terminals         wire length       at AC maximum         • at AC maximum       500 m         • at AC maximum       1000 m         type of connectable conductor cross-sections       1x (0.25 2.5 mm²)         • solid       1x (0.25 1.5 mm²)         • finely stranded with core end processing       1x (0.25 1.5 mm²)	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	3 A 1 A			
EMC emitted interference according to IEC 60947-1       ambience A (industrial sector)         EMC immunity according to IEC 60947-1       corresponds to degree of severity 3         conducted interference          • due to burst according to IEC 61000-4-4       2 kV         • due to conductor-earth surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-5       1 kV         field-based interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-2       6 kV contact discharge / 8 kV air discharge         Display           display version as status display by LED       LED green         Connections/ Terminals          product function removable terminal       No         type of electrical connection for auxiliary and control circuit       screw-type terminals         wire length       at AC maximum       500 m         • at DC maximum       1 000 m         type of connectable conductor cross-sections       1x (0.25 2.5 mm²)         • solid       1x (0.25 1.5 mm²)         • finely stranded with core end processing       1x (0.25 1.5 mm²)	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	3 A 1 A 0.2 A			
EMC immunity according to IEC 60947-1       corresponds to degree of severity 3         conducted interference       2 kV         • due to burst according to IEC 61000-4-4       2 kV         • due to conductor-earth surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-5       1 kV         field-based interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-2       6 kV contact discharge / 8 kV air discharge         Display       display version as status display by LED       LED green         Connections/ Terminals       product function removable terminal       No         type of electrical connection for auxiliary and control circuit       screw-type terminals       vire length         • at DC maximum       1000 m       1000 m       type of connectable conductor cross-sections         • solid       1x (0.25 2.5 mm²)       1x (0.25 2.5 mm²)	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	3 A 1 A 0.2 A			
conducted interference       2 kV         • due to burst according to IEC 61000-4-4       2 kV         • due to conductor-earth surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-5       1 kV         field-based interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-2       6 kV contact discharge / 8 kV air discharge         Display	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	3 A 1 A 0.2 A 0.1 A			
<ul> <li>due to burst according to IEC 61000-4-4</li> <li>due to conductor-earth surge according to IEC 61000-4-5</li> <li>due to conductor-conductor surge according to IEC 61000-4-5</li> <li>field-based interference according to IEC 61000-4-3</li> <li>field-based interference according to IEC 61000-4-2</li> <li>6 kV contact discharge / 8 kV air discharge</li> <li>Display</li> <li>display version as status display by LED</li> <li>LED green</li> <li>Connections/ Terminals</li> <li>product function removable terminal</li> <li>No</li> <li>type of electrical connection for auxiliary and control circuit</li> <li>screw-type terminals</li> <li>wire length         <ul> <li>at AC maximum</li> <li>500 m</li> <li>at DC maximum</li> <li>1000 m</li> </ul> </li> <li>type of connectable conductor cross-sections         <ul> <li>solid</li> <li>tx (0.25 2.5 mm<sup>2</sup>)</li> <li>tx (0.25 1.5 mm<sup>2</sup>)</li> </ul> </li> </ul>	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	3 A 1 A 0.2 A 0.1 A ambience A (industrial sector)			
<ul> <li>due to conductor-earth surge according to IEC 61000-4-5</li> <li>due to conductor-conductor surge according to IEC</li> <li>field-based interference according to IEC 61000-4-3</li> <li>10 V/m</li> <li>electrostatic discharge according to IEC 61000-4-2</li> <li>6 kV contact discharge / 8 kV air discharge</li> <li>Display</li> <li>display version as status display by LED</li> <li>LED green</li> <li>Connections/ Terminals</li> <li>product function removable terminal</li> <li>No</li> <li>type of electrical connection for auxiliary and control circuit</li> <li>scolid</li> <li>et AC maximum</li> <li>to 00 m</li> <li>tat DC maximum</li> <li>to 00 m</li> <li>tat DC maximum</li> <li>to 00 m</li> <li>type of connectable conductor cross-sections</li> <li>solid</li> <li>tx (0.25 2.5 mm²)</li> <li>tx (0.25 1.5 mm²)</li> </ul>	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	3 A 1 A 0.2 A 0.1 A ambience A (industrial sector)			
• due to conductor-conductor surge according to IEC       1 kV         field-based interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-2       6 kV contact discharge / 8 kV air discharge         Display       display version as status display by LED       LED green         Connections/Terminals       No         type of electrical connection for auxiliary and control circuit       screw-type terminals         wire length       500 m         • at DC maximum       500 m         • at DC maximum       1 000 m         type of connectable conductor cross-sections       1 x (0.25 2.5 mm²)         • solid       1x (0.25 1.5 mm²)	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	3 A 1 A 0.2 A 0.1 A ambience A (industrial sector) corresponds to degree of severity 3			
61000-4-5         field-based interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-2       6 kV contact discharge / 8 kV air discharge         Display       display version as status display by LED       LED green         Connections/ Terminals       No         product function removable terminal       No         type of electrical connection for auxiliary and control circuit       screw-type terminals         wire length       500 m         • at AC maximum       500 m         • at DC maximum       1 000 m         type of connectable conductor cross-sections       1 x (0.25 2.5 mm²)         • solid       1 x (0.25 1.5 mm²)	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	3 A 1 A 0.2 A 0.1 A ambience A (industrial sector) corresponds to degree of severity 3 2 kV			
electrostatic discharge according to IEC 61000-4-2       6 kV contact discharge / 8 kV air discharge         Display       display version as status display by LED       LED green         Connections/Terminals       No         product function removable terminal       No         type of electrical connection for auxiliary and control circuit       screw-type terminals         wire length       at AC maximum         • at DC maximum       500 m         • at DC maximum       1 000 m         type of connectable conductor cross-sections       1x (0.25 2.5 mm²)         • solid       1x (0.25 1.5 mm²)	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	3 A 1 A 0.2 A 0.1 A ambience A (industrial sector) corresponds to degree of severity 3 2 kV 2 kV			
Display         display version as status display by LED       LED green         Connections/ Terminals         product function removable terminal       No         type of electrical connection for auxiliary and control circuit       screw-type terminals         wire length       • at AC maximum         • at DC maximum       500 m         • at DC maximum       1 000 m         type of connectable conductor cross-sections       1 x (0.25 2.5 mm²)         • finely stranded with core end processing       1x (0.25 1.5 mm²)	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 EMC 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	3 A 1 A 0.2 A 0.1 A ambience A (industrial sector) corresponds to degree of severity 3 2 kV 2 kV			
display version as status display by LED       LED green         Connections/ Terminals       No         product function removable terminal       No         type of electrical connection for auxiliary and control circuit       screw-type terminals         wire length       at AC maximum         • at AC maximum       500 m         • at DC maximum       1 000 m         type of connectable conductor cross-sections       at (0.25 2.5 mm²)         • finely stranded with core end processing       1x (0.25 1.5 mm²)	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 EMC immunity according to IEC 61000-4-4 • due to burst according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5	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			
Connections/ Terminals         product function removable terminal       No         type of electrical connection for auxiliary and control circuit       screw-type terminals         wire length	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	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			
product function removable terminal       No         type of electrical connection for auxiliary and control circuit       screw-type terminals         wire length       at AC maximum         • at DC maximum       500 m         • at DC maximum       1 000 m         type of connectable conductor cross-sections       at (0.25 2.5 mm²)         • finely stranded with core end processing       1x (0.25 1.5 mm²)	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-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	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 electrical connection for auxiliary and control circuit       screw-type terminals         wire length       -         • at AC maximum       500 m         • at DC maximum       1 000 m         type of connectable conductor cross-sections       -         • solid       1x (0.25 2.5 mm²)         • finely stranded with core end processing       1x (0.25 1.5 mm²)	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	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			
wire length     500 m       • at AC maximum     500 m       • at DC maximum     1 000 m       type of connectable conductor cross-sections     1 x (0.25 2.5 mm²)       • solid     1x (0.25 2.5 mm²)       • finely stranded with core end processing     1x (0.25 1.5 mm²)	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	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			
• at AC maximum     500 m       • at DC maximum     1 000 m       type of connectable conductor cross-sections     Ix (0.25 2.5 mm²)       • solid     1x (0.25 1.5 mm²)	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         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	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			
• at DC maximum     1 000 m       type of connectable conductor cross-sections     • solid       • solid     1x (0.25 2.5 mm²)       • finely stranded with core end processing     1x (0.25 1.5 mm²)	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-canductor 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	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 connectable conductor cross-sections       1x (0.25 2.5 mm²)         • solid       1x (0.25 2.5 mm²)         • finely stranded with core end processing       1x (0.25 1.5 mm²)	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-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 61000-4-3         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	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			
• solid         1x (0.25 2.5 mm²)           • finely stranded with core end processing         1x (0.25 1.5 mm²)	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         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	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 screw-type terminals			
• finely stranded with core end processing 1x (0.25 1.5 mm <sup>2</sup> )	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         edue 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         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	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 screw-type terminals 500 m			
	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 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 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	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 screw-type terminals 500 m			
• at AWG cables solid 1 x (20 14)	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 61000-4-5         • 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 61000-4-3         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         • at DC maximum	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 LED green 100 m 1 000 m 1 000 m			
	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 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 61000-4-3 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 • solid	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 LED green 100 m 1 000 m 1 000 m			

connectable conductor cross-section					
• solid		0.25 2	.5 mm²		
<ul> <li>finely stranded with core end processing</li> </ul>		0.25 1	.5 mm²		
AWG number as coded connectable conductor section	r cross				
• solid		20 14			
tightening torque with screw-type terminals		0.5 0.6	6 N·m		
Installation/ mounting/ dimensions		_			
mounting position		any			
fastening method		snap-on	mounting		
height		93 mm			
width		6.2 mm			
depth		76 mm			
required spacing					
<ul> <li>with side-by-side mounting</li> </ul>					
— forwards		0 mm			
— backwards		0 mm			
— upwards		0 mm			
— downwards		0 mm			
— at the side		0 mm			
<ul> <li>for grounded parts</li> </ul>					
— forwards		0 mm			
— backwards		0 mm			
— upwards		0 mm			
— at the side		0 mm			
— downwards		0 mm			
<ul> <li>for live parts</li> </ul>					
— 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 maxin	mum	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					
General Product Approval					EMC
	<u>Confirmatio</u>	<u>חמ</u>	(UL) u	EHC	RCM
Declaration of Conformity	Test Certificate	es N	larine / Shipping	other	
UK CE CA CE	<u>Type Test Cer</u> ates/Test Rep		DINV-GL DINULCORD	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=3RQ3118-1AB01

Cax online generator

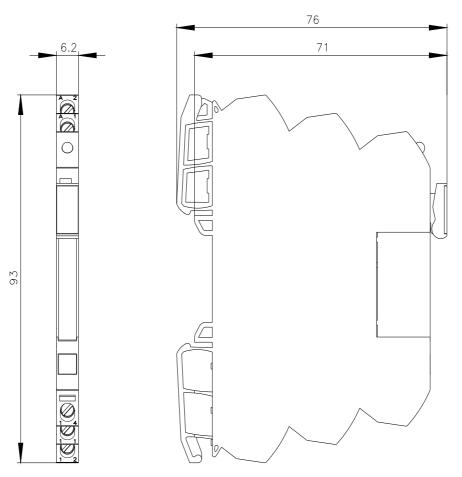
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RQ3118-1AB01

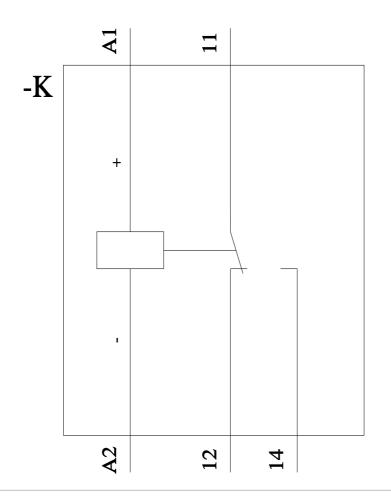
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RQ3118-1AB01

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RQ3118-1AB01&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/3RQ3118-1AB01/manual





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