# **SIEMENS**

Data sheet 3RQ3052-1SM30



Output coupler Optocoupler 1 NO, transistor, 24 V DC Output max. 30 V DC, 2 A short circuit-proof Screw terminal Overall width 6.2 mm Thermal current 2 A

## Figure similar

## Article number

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Product brand name	SIRIUS
Product category	SIRIUS 3RQ3 coupling relays in slim design
Product designation	Coupling relays with semiconductor output (not plug- in)
Design of the product	Output coupling links
Product type designation	3RQ3

General technical data		
Display version LED		Yes
Product component		
Relay output		No
• semi-conductor output		Yes
Consumed active power	W	0.3
Insulation voltage		
<ul> <li>for overvoltage category III according to IEC 60664</li> </ul>		
— with degree of pollution 3 rated value	V	50
Surge voltage resistance rated value	kV	2.5

Protection class IP		IP20
Shock resistance		
• acc. to IEC 60068-2-27		sinusoidal half-wave 15g / 11 ms
Vibration resistance		
• acc. to IEC 60068-2-6		6 150 Hz: 2 g
Thermal current	Α	2
Equipment marking		
• acc. to DIN EN 61346-2		K
• acc. to DIN EN 81346-2		K
Control circuit/ Control		
Control supply voltage at DC		
• rated value	V	11 30
Operating range factor control supply voltage rated value at DC		
● initial value		1
Full-scale value		1
Off-delay time	ms	0.3
Product component Plug-in socket		No
Auxiliary circuit		
Type of switching contact		NO contact
Number of NO contacts		
for auxiliary contacts		1
Main circuit		
Type of voltage		DC
Inputs/ Outputs		
Property of the output Short-circuit proof		Yes
Electromagnetic compatibility		
EMC emitted interference		
• acc. to IEC 60947-1		ambience A (industrial sector)
EMI immunity		
● acc. to IEC 60947-1		corresponds to degree of severity 3
Conducted interference		
• due to burst acc. to IEC 61000-4-4		2 kV
<ul> <li>due to conductor-earth surge acc. to IEC</li> <li>61000-4-5</li> </ul>		2 kV
<ul> <li>due to conductor-conductor surge acc. to IEC 61000-4-5</li> </ul>		1 kV
Field-bound parasitic coupling acc. to IEC 61000-4-3		10 V/m
Electrostatic discharge acc. to IEC 61000-4-2		6 kV contact discharge / 8 kV air discharge
Display		

## Display version

• as status display by LED

LED green

	No
	screw-type terminals
m	1 000
	1x (0.25 2.5 mm²)
	1x (0.25 1.5 mm²)
	1 x (20 14)
mm²	0.25 2.5
mm²	0.25 1.5
	20 14
N·m	0.5 0.6
	mm² mm²

Mounting position		any
Mounting type		snap-on mounting
Height	mm	93
Width	mm	6.2
Depth	mm	72.5
Required spacing		
<ul><li>with side-by-side mounting</li></ul>		
— forwards	mm	0
— Backwards	mm	0
— upwards	mm	0
— downwards	mm	0
— at the side	mm	0
• for grounded parts		
— forwards	mm	0
— Backwards	mm	0
— upwards	mm	0
— at the side	mm	0
— downwards	mm	0
• for live parts		

— forwards	mm	0
— Backwards	mm	0
— upwards	mm	0
— downwards	mm	0
— at the side	mm	0

Ambient conditions			
Installation altitude at height above sea level			
• maximum	m	2 000	
Ambient temperature			
<ul><li>during operation</li></ul>	°C	-25 +60	
during storage	°C	-40 <b>+</b> 85	
<ul> <li>during transport</li> </ul>	°C	-40 <b>+</b> 85	
Relative humidity			
<ul><li>during operation</li></ul>	%	10 95	

General Product Approval	Declaration of	other
	Conformity	









Confirmation

### Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RQ3052-1SM30

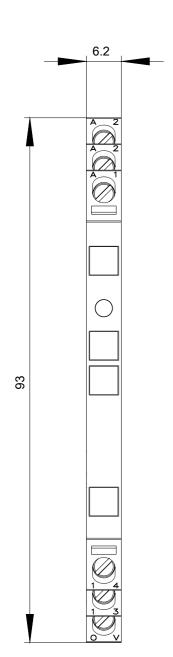
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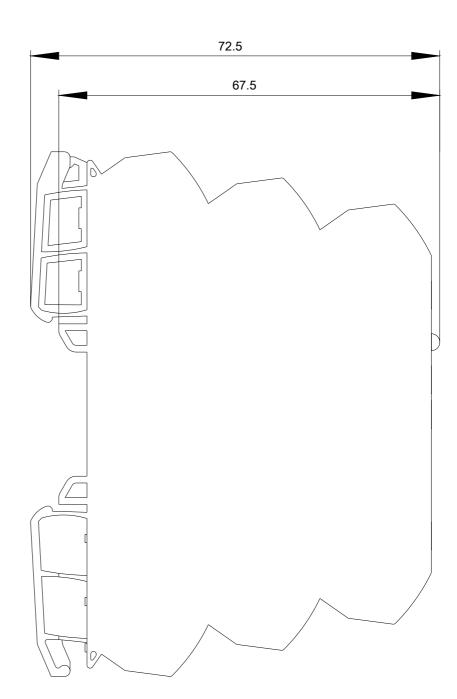
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RQ3052-1SM30

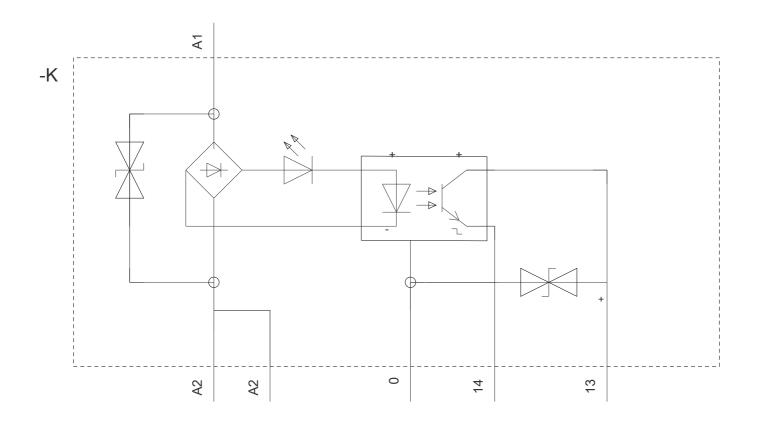
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RQ3052-1SM30

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RQ3052-1SM30&lang=en







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