# **SIEMENS**

**Data sheet** LZS:RT3B4R24



Plug-in relay complete unit 1 W, 24 V AC LED module red Socket with logic isolation screw terminal

product brand name product designation product type designation SIRIUS

Coupling relay with plug-in relay

LZS

General		

display version LED percental drop-out voltage related to the input voltage protection class IP operating frequency without load operating frequency with load switching behavior design of the switching function design of the switching function positively driven mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current

reference code according to IEC 81346-2 **Substance Prohibitance (Date)** 

Yes 15 %

**IP20** 36 000 1/h 360 1/h monostable changeover switch

10 000 000 70 000

16 A 05/01/2012

### Control circuit/ Control

# control supply voltage at AC

• at 50 Hz rated value • at 60 Hz rated value 24 V 24 V

## control supply voltage frequency

• 1 rated value 2 rated value 50 Hz

supply voltage frequency for auxiliary and control circuit rated value

60 Hz 50 ... 60 Hz

operating range factor control supply voltage rated value at AC at 50 Hz

 initial value • full-scale value 0.9 1.1

operating range factor control supply voltage rated

value at AC at 60 Hz

 initial value • full-scale value 0.9 1.1

design of the relay operating mechanism product component plug-in socket design of the snap-on socket base

poled Yes

Socket with logic isolation

#### **Short-circuit protection**

design of the fuse link for short-circuit protection of the auxiliary switch required

fuse gG: 10 A

#### **Auxiliary circuit**

	O.I.			
type of switching contact		geover contact		
material of switching contacts	J	90/10		
number of NC contacts for auxiliary contacts	0			
number of NO contacts for auxiliary contacts	0			
number of CO contacts for auxiliary contacts	1			
Main circuit				
type of voltage	AC			
Display				
display version as status display by LED	LED	red		
Connections/ Terminals				
product function removable terminal	No			
type of electrical connection	screv	v-type terminals		
type of connectable conductor cross-sections				
• solid	1x (1,0 2,5), 2x 1,0, 2x 1,5, 2x 2,5			
<ul> <li>finely stranded with core end processing</li> </ul>	1x (1.0 1.5), 2x 1.0, 2x 1.5			
<ul> <li>at AWG cables solid</li> </ul>	1x (18 14), 2x 18, 2x 16, 2x 14			
connectable conductor cross-section				
• solid	1 2.5 mm²			
<ul> <li>finely stranded with core end processing</li> </ul>	1 1.5 mm²			
AWG number as coded connectable conductor cross section				
• solid	18 14			
tightening torque with screw-type terminals	0.5 0.7 N·m			
Installation/ mounting/ dimensions				
mounting position	any			
fastening method	snap-on mounting			
height	77 mm			
width	15.5 mm			
depth	71 mm			
Ambient conditions				
ambient temperature				
<ul><li>during operation</li></ul>	-40 +70 °C			
<ul> <li>during storage</li> </ul>	-20 +70 °C			
during transport	-20 +70 °C			
Certificates/ approvals				
General Product Approval		Declaration of Conformity	other	

Confirmation









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=LZS:RT3B4R24

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:RT3B4R24

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

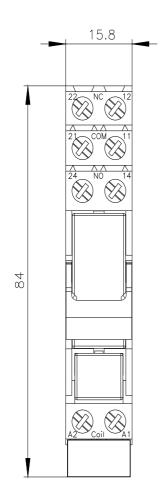
https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT3B4R24

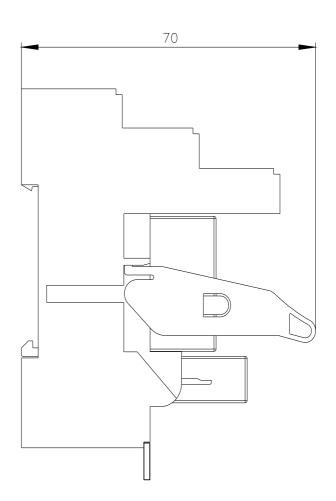
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

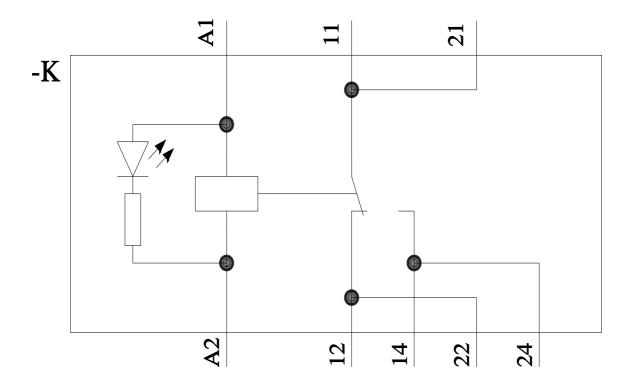
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=LZS:RT3B4R24&lang=en

**Characteristic: Derating** 

https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT3B4R24/manual







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