SIEMENS

Data sheet LZS:RT4B4R24



Plug-in relay complete unit 2 W, 24 V AC LED module red Socket with logic isolation screw terminal

product brand name	SIRIUS
product designation	Coupling relay with plug-in relay
product type designation	LZS
General technical data	
display version LED	Yes
percental drop-out voltage related to the input voltage	15 %
protection class IP	IP20
operating frequency without load	36 000 1/h
operating frequency with load	360 1/h
switching behavior	monostable
design of the switching function	changeover switch
design of the switching function positively driven	No
mechanical service life (operating cycles) typical	5 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	80 000
thermal current	8 A
reference code according to IEC 81346-2	К
Substance Prohibitance (Date)	05/01/2012
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
supply voltage frequency for auxiliary and control circuit rated value	50 60 Hz
operating range factor control supply voltage rated value at AC at 50 Hz	
initial value	0.9
full-scale value	1.1
operating range factor control supply voltage rated value at AC at 60 Hz	
• initial value	0.9
full-scale value	1.1
design of the relay operating mechanism	poled
product component plug-in socket	Yes
design of the snap-on socket base	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		
type of switching contact	Changeover contact	
material of switching contacts	AgNi 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	2	
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	screw-type terminals	
type of connectable conductor cross-sections		
• solid	1x (1,0 2,5), 2x 1,0, 2x 1,5, 2x 2,5	
 finely stranded with core end processing 	1x (1.0 1.5), 2x 1.0, 2x 1.5	
at AWG cables solid	1x (18 14), 2x 18, 2x 16, 2x 14	
connectable conductor cross-section		
• solid	1 2.5 mm²	
 finely stranded with core end processing 	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	
required spacing		
with side-by-side mounting		
— forwards	0 mm	
— backwards	0 mm	
— upwards	0 mm	
— downwards	0 mm	
— at the side	0 mm	
• for grounded parts		
— forwards	0 mm	
— backwards	0 mm	
— upwards	0 mm	
— at the side	0 mm	
— downwards	0 mm	
• for live parts		
— forwards	0 mm	
— backwards	0 mm	
— upwards	0 mm	
— downwards	0 mm	
— at the side	0 mm	
Ambient conditions		
ambient temperature	40 170 %0	
during operation	-40 +70 °C	
during storage	-20 +70 °C	
during transport Contification approvals	-20 +70 °C	
Certificates/ approvals		
General Product Approval	Declaration of Conformity	other







Further information

Siemens has decided to exit the Russian market (see here).

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:RT4B4R24

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:RT4B4R24

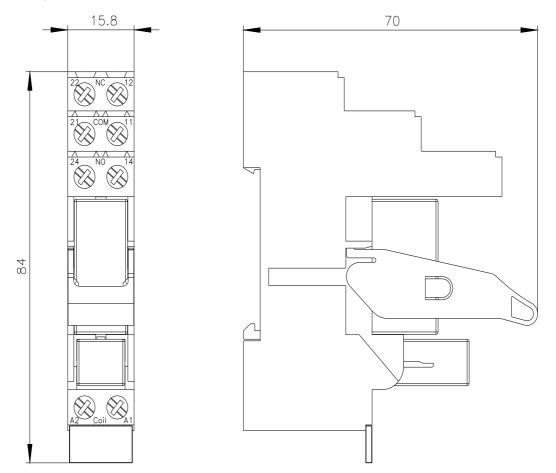
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT4B4R24

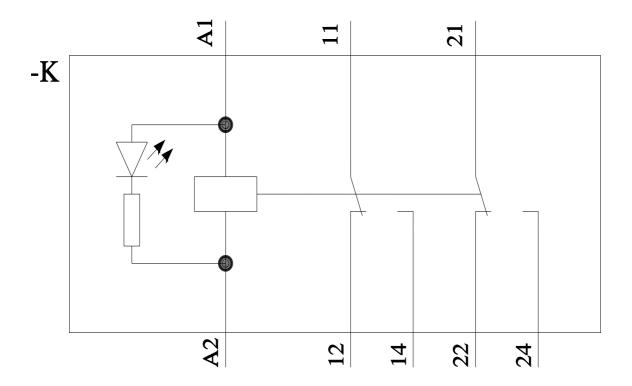
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZS:RT4B4R24&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT4B4R24/manual





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