SIEMENS

Data sheet

LZS:RT3B4L24



Plug-in relay complete unit 1 W, 24 V DC 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
consumed active power	0.4 W
percental drop-out voltage related to the input voltage	10 %
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	30 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	70 000
thermal current	16 A
reference code according to IEC 81346-2	К
Substance Prohibitance (Date)	05/01/2012
Control circuit/ Control	
control supply voltage at DC	
rated value	24 V
operating range factor control supply voltage rated value at DC	
initial value	0.9
• full-scale value	1.4
closing delay	
• at DC	8 ms
opening delay	
• at DC	6 ms
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	1		
Main circuit			
type of voltage	DC		
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		
 for 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	any	
fastening method	snap-on mounting		
height	77 mm		
width	15.5 mm	15.5 mm	
depth	71 mm		
Ambient conditions			
ambient temperature			
 during operation 	-40 +70 °C		
 during storage 	-20 +70 °C		
during transport	-20 +70 °C		
Certificates/ approvals			
General Product Approval	Declaration of Conformity	other	
Confirmation Confirmation		<u>Confirmation</u>	
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 certif Please contact your local Siemens office on the status of validity EAC relevant market (other than the sanctioned EAEU member s Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,)	of the EAC certification if you intend to import or offer to	o supply these products to an	
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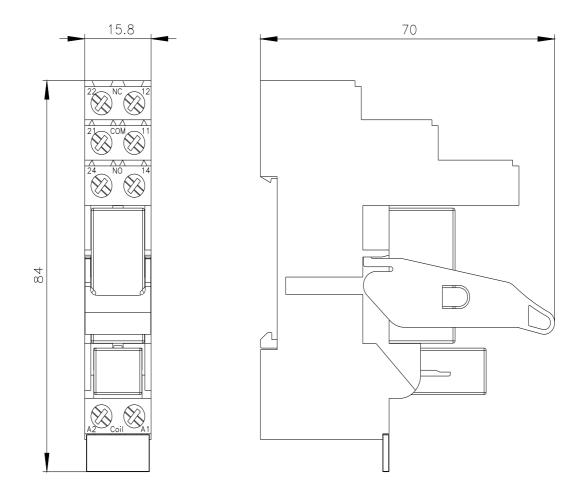
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:RT3B4L24

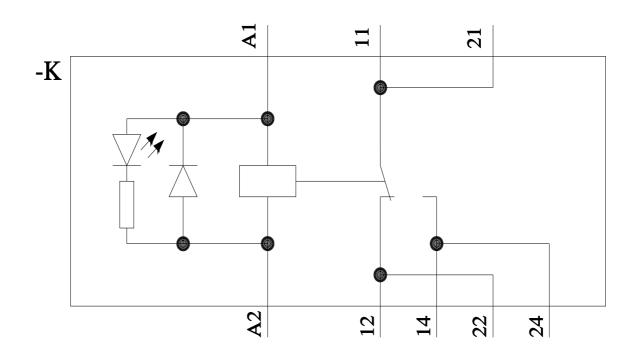
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT3B4L24

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:RT3B4L24&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT3B4L24/manual





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