



Plug-in relay complete unit 1 W, 24 V DC LED module red Standard plug-in socket 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
mechanical service life (operating cycles) typical	30 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
thermal current	16 A
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	05/01/2012
Control circuit/ Control	
control supply voltage at DC rated value	24 V
•	
closing delay	
• at DC maximum	8 ms
opening delay	
• at DC maximum	6 ms
Switching Function	
design of the switching function	changeover switch
Mechanical data	
product component plug-in socket	Yes
design of the snap-on socket base	Standard socket
design of the relay operating mechanism	poled
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 • finely stranded with core end processing • for AWG cables solid	1x (1,0 ... 2,5), 2x 1,0, 2x 1,5, 2x 2,5 1x (1,0 ... 1,5), 2x 1,0, 2x 1,5 1x (18 ... 14), 2x 18, 2x 16, 2x 14
connectable conductor cross-section • solid • finely stranded with core end processing	1 ... 2.5 mm ² 1 ... 1.5 mm ²
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	78 mm
width	15.5 mm
depth	71 mm
Ambient conditions	
ambient temperature • during operation • during storage • during transport	-40 ... +70 °C -20 ... +70 °C -20 ... +70 °C
Approvals Certificates	
General Product Approval   Confirmation   Type Test Certificates/Test Report	
Test Certificates	

other	Environment
Confirmation	Environmental Confirmations

Further information
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:RT3A4L24 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:RT3A4L24 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT3A4L24 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:RT3A4L24&lang=en Characteristic: Derating https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT3A4L24/manual



