



Plug-in relay complete unit 4 W, 24 V DC LED module red Standard plug-in socket screw terminal 3.5 mm pinning

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	0.75 W
percental drop-out voltage related to the input voltage	10 %
protection class IP	IP20
operating frequency without load	360 1/h
operating frequency with load	36 000 1/h
switching behavior	monostable
design of the switching function	changeover switch
design of the switching function positively driven	No
mechanical service life (switching cycles) typical	30 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical	250 000
thermal current	6 A
reference code acc. to IEC 81346-2	K
Substance Prohibitation (Date)	01.05.2012 00:00:00
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	15 ms
opening delay	
• at DC	18 ms
design of the relay operating mechanism	poled
product component plug-in socket	Yes
design of the snap-on socket base	Standard socket
Short-circuit protection	
design of the fuse link for short-circuit protection of the auxiliary switch required	fuse gG: 6 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		4	
operational current of auxiliary contacts at AC-15 at 250 V		4 A	
operational current at DC-13 at 24 V rated value		4 A	
operational current of auxiliary contacts at DC-13 at 24 V		4 A	
Main circuit			
type of voltage		DC	
Outputs			
ampacity of the output relay at DC-13 at 24 V		4 A	
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 - at 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 mm² 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		74 mm	
width		27 mm	
depth		72 mm	
Ambient conditions			
ambient temperature - during operation - during storage - during transport		-40 ... +70 °C -25 ... +70 °C -25 ... +70 °C	
Certificates/ approvals			
General Product Approval		Declaration of Conformity	other



[Miscellaneous](#)

[Confirmation](#)

Further information

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:PT5A5L24>

Cax online generator

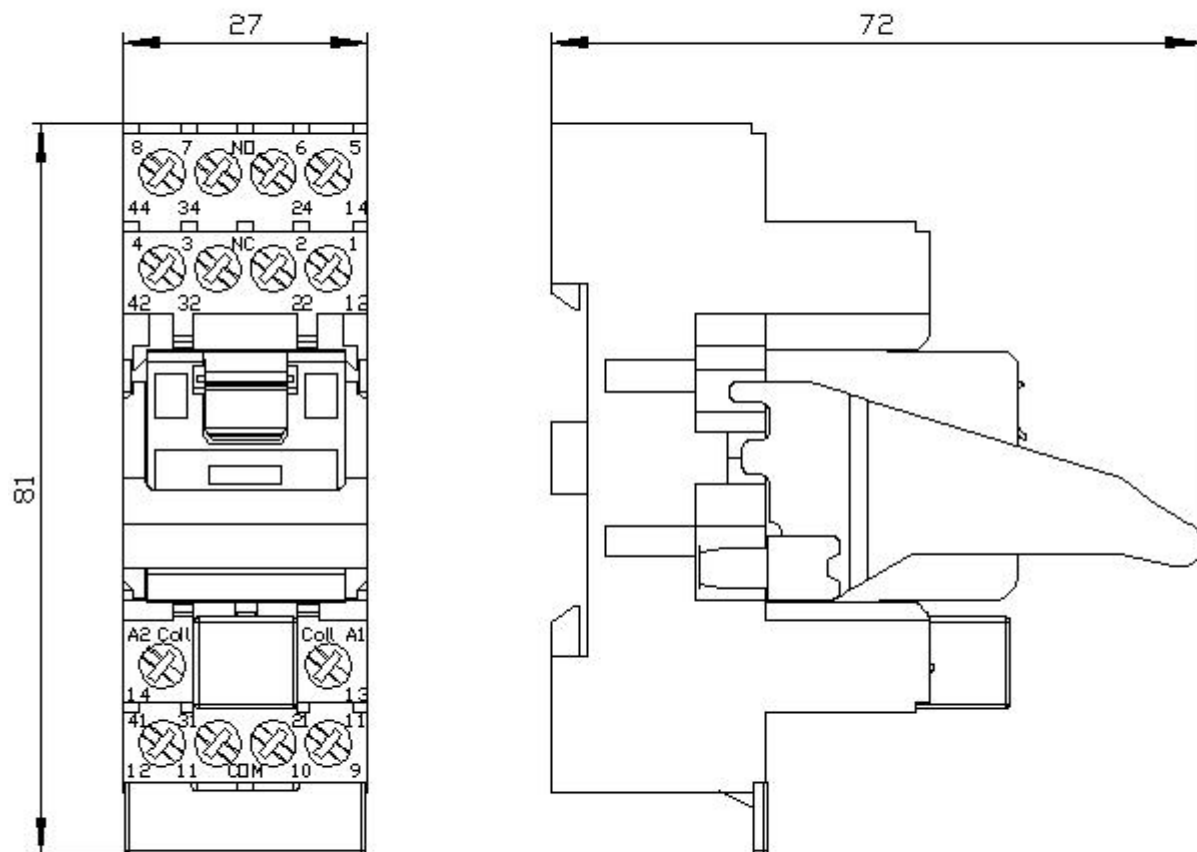
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:PT5A5L24>

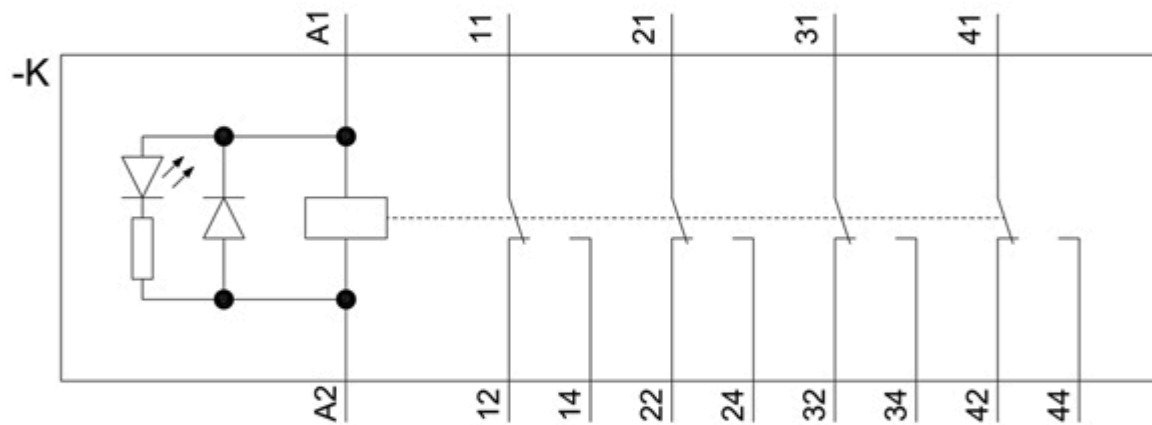
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT5A5L24>

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT5A5L24/manual>





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