



plug-in relay complete unit, 4 changeover contacts, 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 %
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	250 000
thermal current	6 A
reference code according to IEC 81346-2	K
Substance Prohibitance (day/month/year)	05/01/2012
Net Weight	96 g
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 maximum	15 ms
opening delay	
• at DC maximum	18 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: 6 A
Auxiliary circuit	
type of switching contact	Change-over 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
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 terminal
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 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
Approvals Certificates		
Environment	General Product Approval	other

[Environmental Confirmations](#)



[Confirmation](#)

other



Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

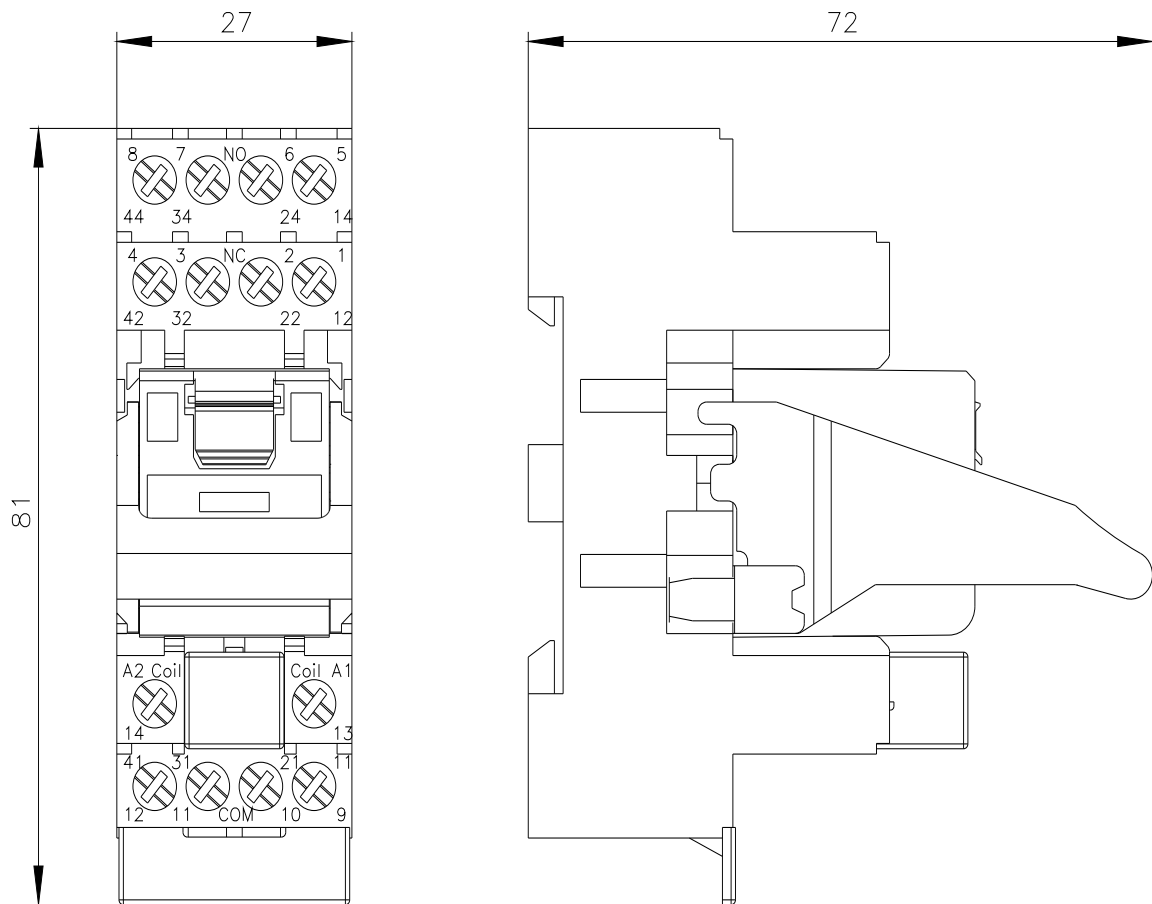
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:PT5A5L24>

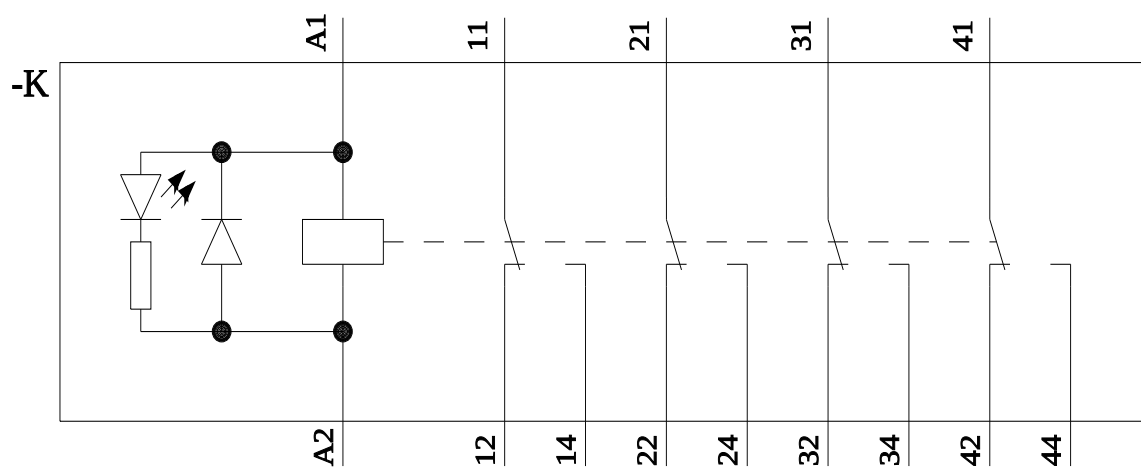
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

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

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZS:PT5A5L24&lang=en





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