



plug-in relay complete unit, 3 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	180 000
thermal current	10 A
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	05/01/2012
Net Weight	93 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	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	3	
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	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 mm ²	
• finely stranded with core end processing	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	74 mm	
width	27 mm	
depth	72 mm	
Ambient conditions		
ambient temperature		
• during operation	-40 ... +70 °C	
• during storage	-25 ... +70 °C	
• during transport	-25 ... +70 °C	
Approvals Certificates		
Environment	General Product Approval	other

[Environmental Confirmations](#)



[Confirmation](#)

other

[Confirmation](#)



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:PT3A5L24>

Cax online generator

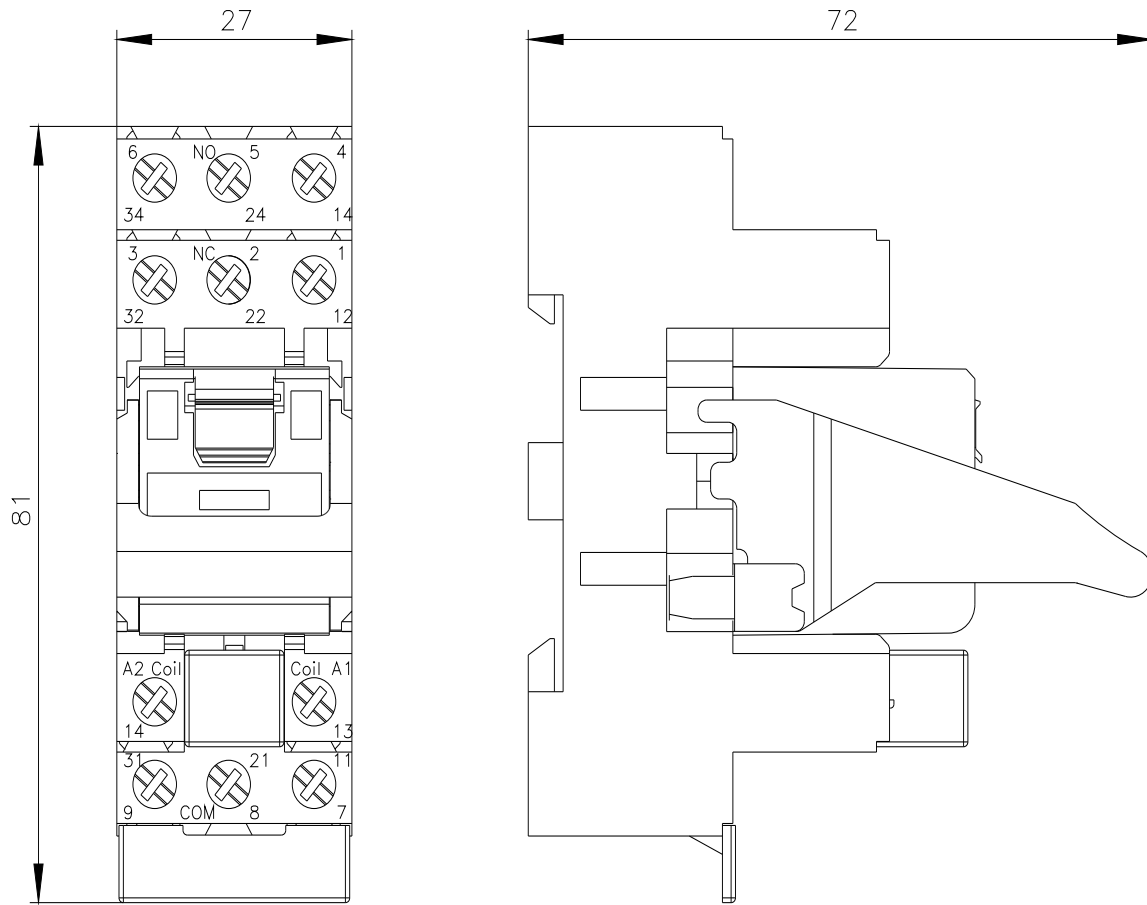
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:PT3A5L24>

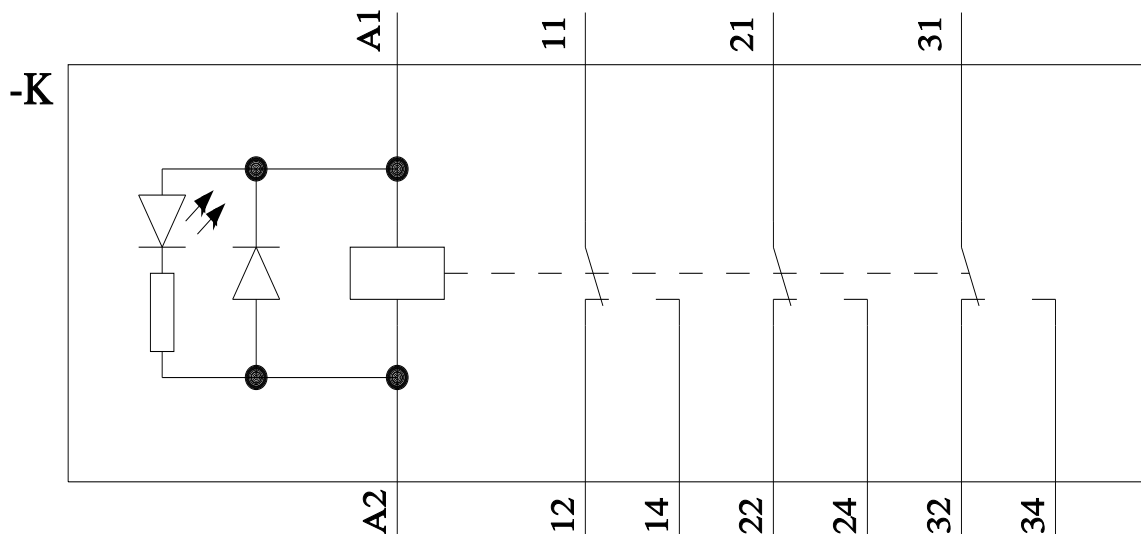
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT3A5L24>

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:PT3A5L24&lang=en





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