



Plug-in relay complete unit 4 W, 115 V AC 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
percental drop-out voltage related to the input voltage	30 %
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	20 000 000
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 Prohibition (Date)	01.05.2012 00:00:00
Control circuit/ Control	
control supply voltage at AC	
• at 50 Hz rated value	115 V
• at 60 Hz rated value	115 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
supply voltage frequency for auxiliary and control circuit rated value	50 ... 60 Hz
operating range factor control supply voltage rated value at AC at 50 Hz	
• initial value	0.9
• full-scale value	1.1
operating range factor control supply voltage rated value at AC at 60 Hz	
• initial value	0.9
• full-scale value	1.1
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		2 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		AC
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:PT5A5S15>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:PT5A5S15>

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

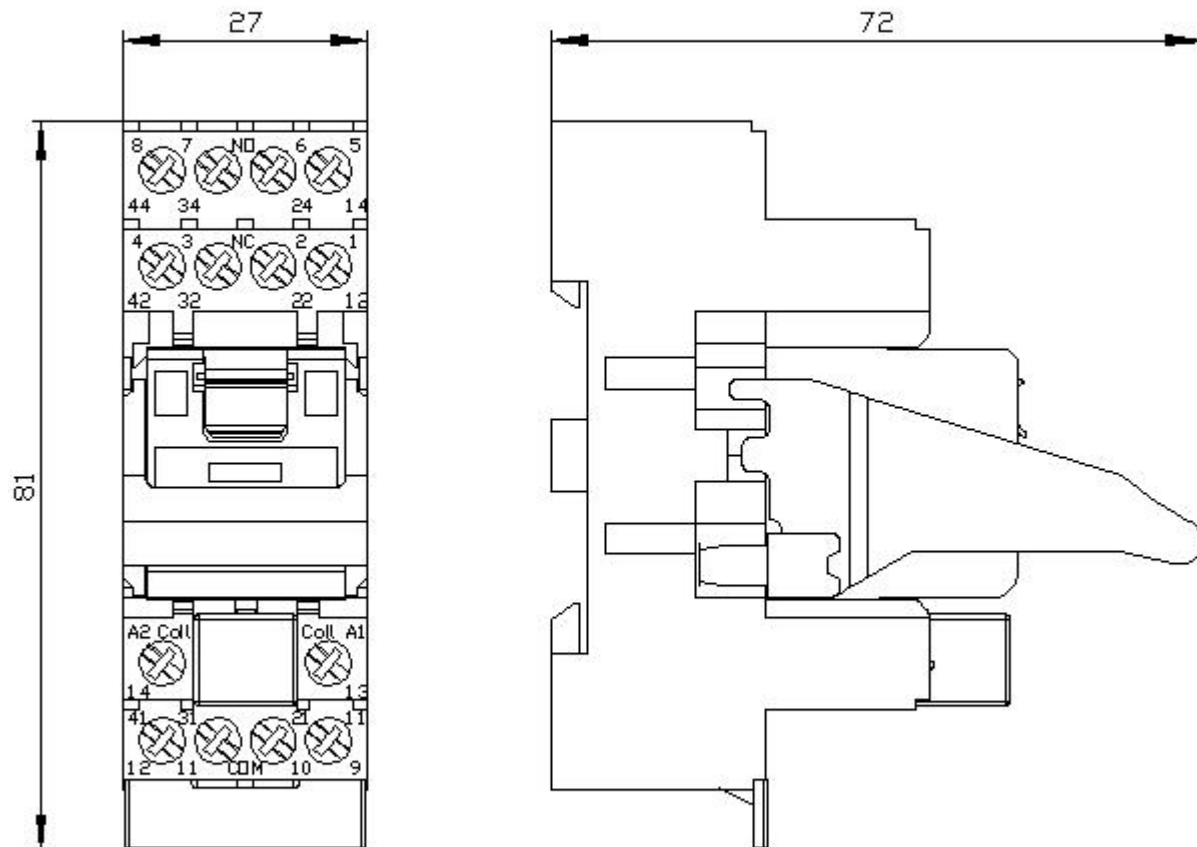
<https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT5A5S15>

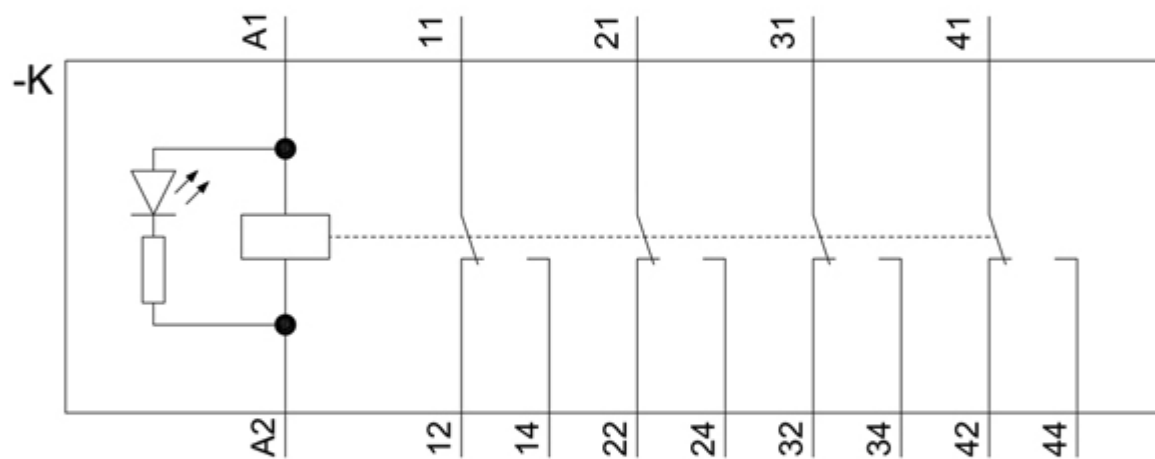
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZS:PT5A5S15&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT5A5S15/manual>





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1/18/2021 [🔗](#)