



Plug-in relay complete unit 4 W, 230 V AC LED module red Socket with logic isolation Spring-type terminal (push-in)

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	36 000 1/h
operating frequency with load	360 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 Prohibitation (Date)	01.05.2012
Control circuit/ Control	
control supply voltage at AC	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 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	Socket with logic isolation
Short-circuit protection	
design of the fuse link for short-circuit protection of the	fuse gG: 6 A

auxiliary switch required		
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
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		spring-loaded terminals
type of connectable conductor cross-sections		
• solid		1x (0,75 ... 1,5), 2x (0,75 ... 1,0), 2x 1,5
• finely stranded with core end processing		1x (0,75 ... 1,5), 2x 0,75
• finely stranded without core end processing		1x (0,75 ... 1,5), 2x (0,75 ... 1,0), 2x 1,5
• at AWG cables solid		1x (18 ... 16), 2x (18 ... 16)
• at AWG cables stranded		1x (18 ... 16), 2x (18 ... 16)
connectable conductor cross-section		
• solid		0.75 ... 1.5 mm²
• finely stranded with core end processing		0.75 ... 1.5 mm²
• finely stranded without core end processing		0.75 ... 1.5 mm²
AWG number as coded connectable conductor cross section		
• solid		18 ... 16
• stranded		18 ... 16
Installation/ mounting/ dimensions		
mounting position		any
fastening method		snap-on mounting
height		98 mm
width		28 mm
depth		79 mm
Ambient conditions		
ambient temperature		
• during operation		-40 ... +70 °C
• during storage		-25 ... +70 °C
• during transport		-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:PT5D5T30>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:PT5D5T30>

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

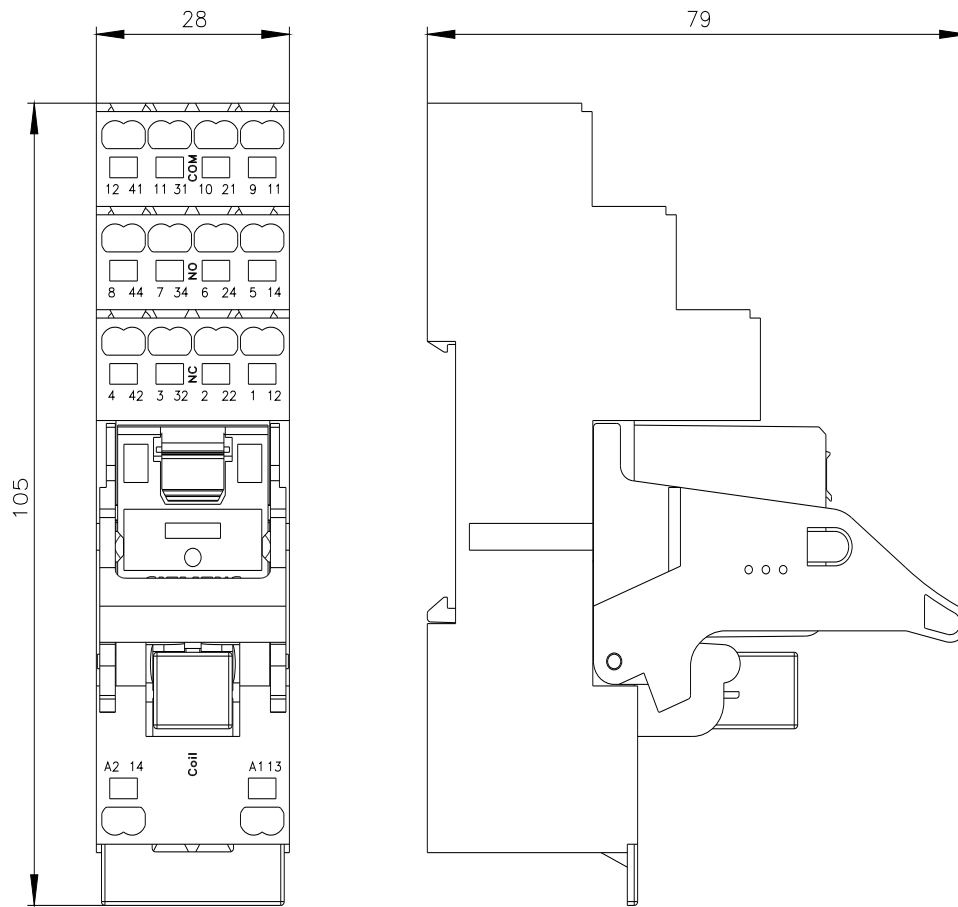
<https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT5D5T30>

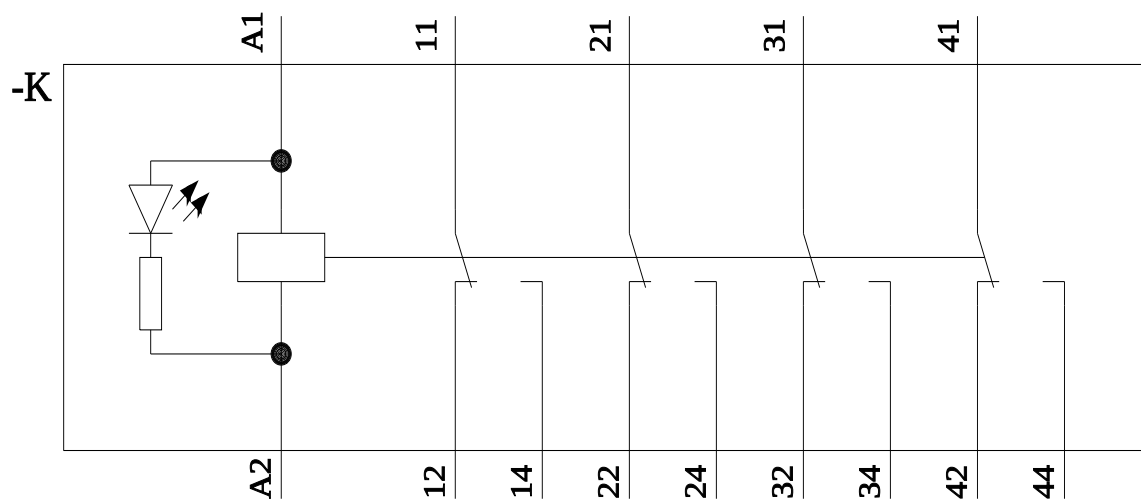
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZS:PT5D5T30&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT5D5T30/manual>





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10/13/2021