



Plug-in relay complete unit 3 W, 230 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
<b>General technical data</b>	
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
mechanical service life (operating cycles) typical	20 000 000
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
<b>Control circuit/ Control</b>	
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
<b>Switching Function</b>	
design of the switching function	changeover switch
<b>Mechanical data</b>	
product component plug-in socket	Yes
design of the snap-on socket base	Standard socket
design of the relay operating mechanism	poled
<b>Short-circuit protection</b>	
design of the fuse link for short-circuit protection of the auxiliary	fuse gG: 6 A

switch required	
<b>Auxiliary circuit</b>	
<b>type of switching contact</b>	Changeover contact
<b>material of switching contacts</b>	AgNi 90/10
<b>number of NC contacts for auxiliary contacts</b>	0
<b>number of NO contacts for auxiliary contacts</b>	0
number of CO contacts for auxiliary contacts	3
<b>operational current of auxiliary contacts at AC-15</b>	
• at 250 V	2 A
operational current at DC-13 at 24 V rated value	4 A
<b>operational current of auxiliary contacts at DC-13</b>	
• at 24 V	4 A
<b>Main circuit</b>	
<b>type of voltage</b>	AC
<b>ampacity of the output relay at DC-13</b>	
• at 24 V	4 A
<b>Display</b>	
display version as status display by LED	LED red
<b>Connections/ Terminals</b>	
<b>product function removable terminal</b>	No
<b>type of electrical connection</b>	screw-type terminals
<b>type of connectable conductor cross-sections</b>	
• 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
<b>connectable conductor cross-section</b>	
• solid	1 ... 2.5 mm <sup>2</sup>
• finely stranded with core end processing	1 ... 1.5 mm <sup>2</sup>
<b>AWG number as coded connectable conductor cross section</b>	
• solid	18 ... 14
tightening torque with screw-type terminals	0.5 ... 0.7 N·m
<b>Installation/ mounting/ dimensions</b>	
<b>mounting position</b>	any
<b>fastening method</b>	snap-on mounting
<b>height</b>	74 mm
<b>width</b>	27 mm
<b>depth</b>	72 mm
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• during operation	-40 ... +70 °C
• during storage	-25 ... +70 °C
• during transport	-25 ... +70 °C
<b>Approvals Certificates</b>	
General Product Approval	other



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[Confirmation](#)

## Environment

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firmations](#)

## Further information

[Information on the packaging](#)

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

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:PT3A5T30>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:PT3A5T30>

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

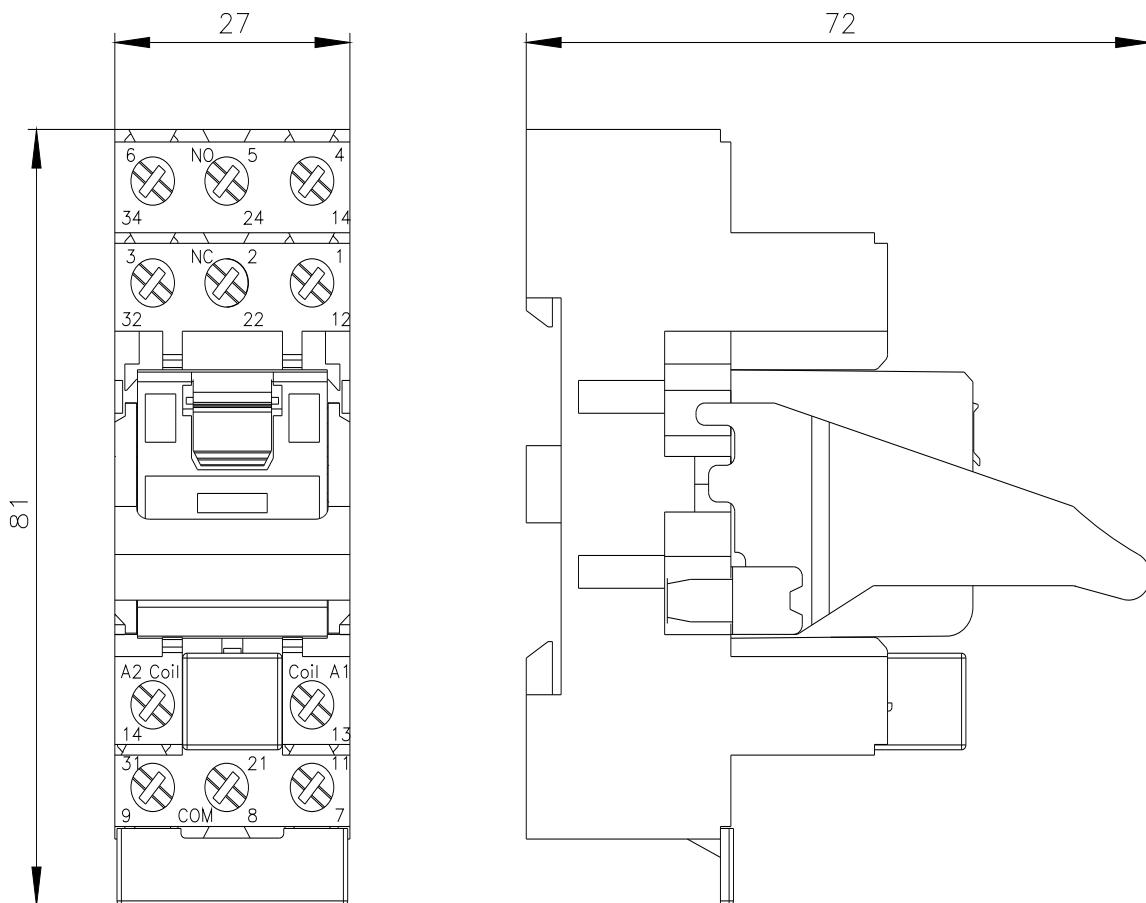
<https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT3A5T30>

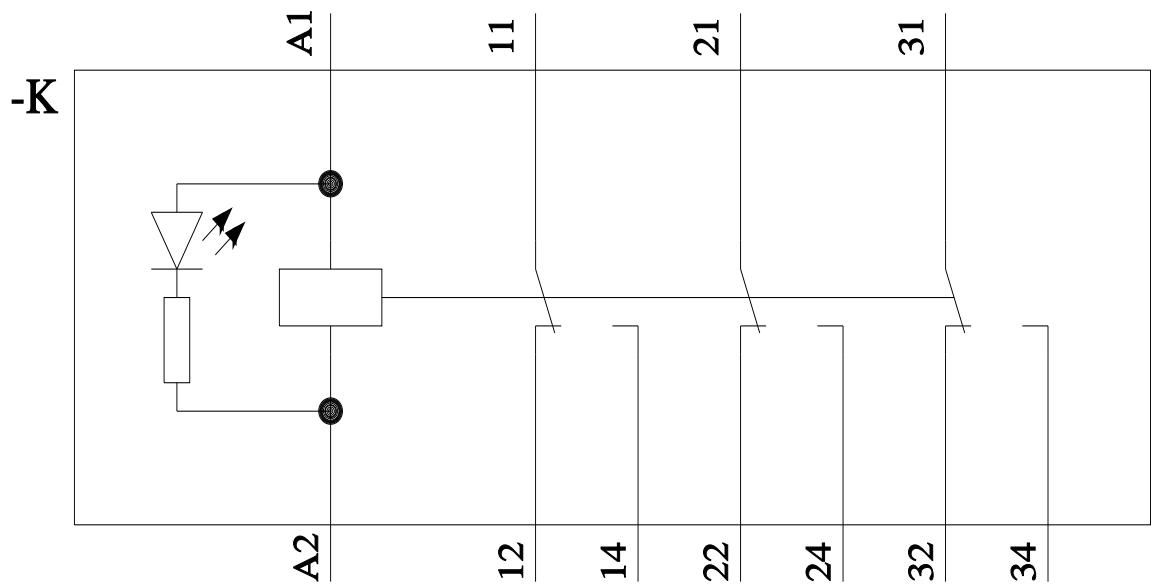
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=LZS:PT3A5T30&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZS:PT3A5T30&lang=en)

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT3A5T30/manual>





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