



plug-in relay complete unit, 4 changeover contacts, 24 V DC, LED module red, base with logical isolation, 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
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 (Date)	05/01/2012
Net Weight	107 g
<b>Control circuit/ Control</b>	
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
<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	Socket with logic isolation
design of the relay operating mechanism	poled
<b>Short-circuit protection</b>	
design of the fuse link for short-circuit protection of the auxiliary switch required	fuse gG: 6 A
<b>Auxiliary circuit</b>	
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	
<b>operational current of auxiliary contacts at AC-15</b>		
• at 250 V	4 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>		
type of voltage	DC	
<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>		
product function removable terminal	No	
type of electrical connection	screw terminal	
<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>		
mounting position	any	
fastening method	snap-on mounting	
height	77 mm	
width	27 mm	
depth	79 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>		
Environment	General Product Approval	other

[Environmental Confirmations](#)



[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:PT5B5L24>

##### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:PT5B5L24>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT5B5L24>

##### 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:PT5B5L24&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZS:PT5B5L24&lang=en)



