



plug-in relay complete unit, 1 changeover contact, 24 V AC, LED module red, base with logical isolation, spring-loaded terminal (push-in)

<b>product brand name</b>	SIRIUS
<b>product designation</b>	Coupling relay with plug-in relay
<b>product type designation</b>	LZS
<b>General technical data</b>	
<b>display version LED</b>	Yes
<b>percental drop-out voltage related to the input voltage</b>	15 %
<b>operating frequency without load</b>	36 000 1/h
<b>operating frequency with load</b>	360 1/h
<b>switching behavior</b>	monostable
<b>mechanical service life (operating cycles) typical</b>	10 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	70 000
<b>thermal current</b>	16 A
<b>reference code according to IEC 81346-2</b>	K
<b>Substance Prohibittance (Date)</b>	05/01/2012
<b>Net Weight</b>	0.061 kg
<b>Control circuit/ Control</b>	
<b>control supply voltage at AC</b>	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
<b>control supply voltage frequency</b>	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
<b>supply voltage frequency for auxiliary and control circuit rated value</b>	50 ... 60 Hz
<b>operating range factor control supply voltage rated value at AC at 50 Hz</b>	
• initial value	0.9
• full-scale value	1.1
<b>operating range factor control supply voltage rated value at AC at 60 Hz</b>	
• initial value	0.9
• full-scale value	1.1
<b>Switching Function</b>	
<b>design of the switching function</b>	changeover switch
<b>Mechanical data</b>	
<b>product component plug-in socket</b>	Yes
<b>design of the snap-on socket base</b>	Socket with logic isolation
<b>design of the relay operating mechanism</b>	poled
<b>Short-circuit protection</b>	
design of the fuse link for short-circuit protection of the auxiliary	fuse gG: 10 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	1
<b>Main circuit</b>	
<b>type of voltage</b>	AC
<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>	spring-loaded terminals
<b>type of connectable conductor cross-sections</b>	
• 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
• for AWG cables solid	1x (18 ... 16), 2x (18 ... 16)
• for AWG cables stranded	1x (18 ... 16), 2x (18 ... 16)
<b>connectable conductor cross-section</b>	
• solid	0.75 ... 1.5 mm <sup>2</sup>
• finely stranded with core end processing	0.75 ... 1.5 mm <sup>2</sup>
• finely stranded without core end processing	0.75 ... 1.5 mm <sup>2</sup>
<b>AWG number as coded connectable conductor cross section</b>	
• solid	18 ... 16
• stranded	18 ... 16
<b>Installation/ mounting/ dimensions</b>	
<b>mounting position</b>	any
<b>fastening method</b>	snap-on mounting
<b>height</b>	98 mm
<b>width</b>	15.5 mm
<b>depth</b>	71 mm
<b>required spacing</b>	
• with side-by-side mounting	
— forwards	0 mm
— backwards	0 mm
— upwards	0 mm
— downwards	0 mm
— at the side	0 mm
• for grounded parts	
— forwards	0 mm
— backwards	0 mm
— upwards	0 mm
— at the side	0 mm
— downwards	0 mm
• for live parts	
— forwards	0 mm
— backwards	0 mm
— upwards	0 mm
— downwards	0 mm
— at the side	0 mm
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• during operation	-40 ... +70 °C
• during storage	-20 ... +70 °C
• during transport	-20 ... +70 °C
<b>Approvals Certificates</b>	

[Environmental Confirmations](#)



[Type Test Certificates/Test Report](#)

other

[Confirmation](#)

[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:RT3D4R24>

Cax online generator

<https://support.automation.siemens.com/WW/CAxorder/default.aspx?lang=en&mlfb=LZS:RT3D4R24>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT3D4R24>

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:RT3D4R24&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZS:RT3D4R24&lang=en)



