

Plug-in relay complete unit 4 W, 115 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
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 DIN EN 81346-2	K

Control circuit/ Control

Control supply voltage at AC	
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<ul style="list-style-type: none"> • at 50 Hz rated value • at 60 Hz rated value 	<p>115 V</p> <p>115 V</p>
Control supply voltage frequency	
<ul style="list-style-type: none"> • 1 rated value • 2 rated value 	<p>50 Hz</p> <p>60 Hz</p>
Supply voltage frequency for auxiliary and control current circuit rated value	50 ... 60 Hz
Operating range factor control supply voltage rated value at AC at 50 Hz	
<ul style="list-style-type: none"> • initial value • Full-scale value 	<p>0.9</p> <p>1.1</p>
Operating range factor control supply voltage rated value at AC at 60 Hz	
<ul style="list-style-type: none"> • initial value • Full-scale value 	<p>0.9</p> <p>1.1</p>
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	
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • for auxiliary contacts 	4
Operating current of auxiliary contacts at AC-15	
<ul style="list-style-type: none"> • at 250 V 	2 A
Operating current at DC-13	
<ul style="list-style-type: none"> • at 24 V rated value 	4 A
Operating current of auxiliary contacts at DC-13	
<ul style="list-style-type: none"> • at 24 V 	4 A

Main circuit

Type of voltage	AC
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Outputs

Ampacity of the output relay at DC-13	
<ul style="list-style-type: none"> • at 24 V 	4 A

Display

Display version	
<ul style="list-style-type: none"> as status display by LED 	LED red
Connections/ Terminals	
Product function	
<ul style="list-style-type: none"> removable terminal 	No
Type of electrical connection	spring-loaded terminals
Type of connectable conductor cross-sections	
<ul style="list-style-type: none"> solid 	1x (0,75 ... 1,5), 2x (0,75 ... 1,0), 2x 1,5
<ul style="list-style-type: none"> finely stranded with core end processing 	1x (0,75 ... 1,5), 2x 0,75
<ul style="list-style-type: none"> finely stranded without core end processing 	1x (0,75 ... 1,5), 2x (0,75 ... 1,0), 2x 1,5
<ul style="list-style-type: none"> at AWG conductors solid 	1x (18 ... 16), 2x (18 ... 16)
<ul style="list-style-type: none"> at AWG conductors stranded 	1x (18 ... 16), 2x (18 ... 16)
Connectable conductor cross-section	
<ul style="list-style-type: none"> solid 	0.75 ... 1.5 mm ²
<ul style="list-style-type: none"> finely stranded with core end processing 	0.75 ... 1.5 mm ²
<ul style="list-style-type: none"> finely stranded without core end processing 	0.75 ... 1.5 mm ²
AWG number as coded connectable conductor cross section	
<ul style="list-style-type: none"> solid 	18 ... 16
<ul style="list-style-type: none"> stranded 	18 ... 16

Installation/ mounting/ dimensions	
Mounting position	any
Mounting type	snap-on mounting
Height	79 mm
Width	28 mm
Depth	98 mm

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)

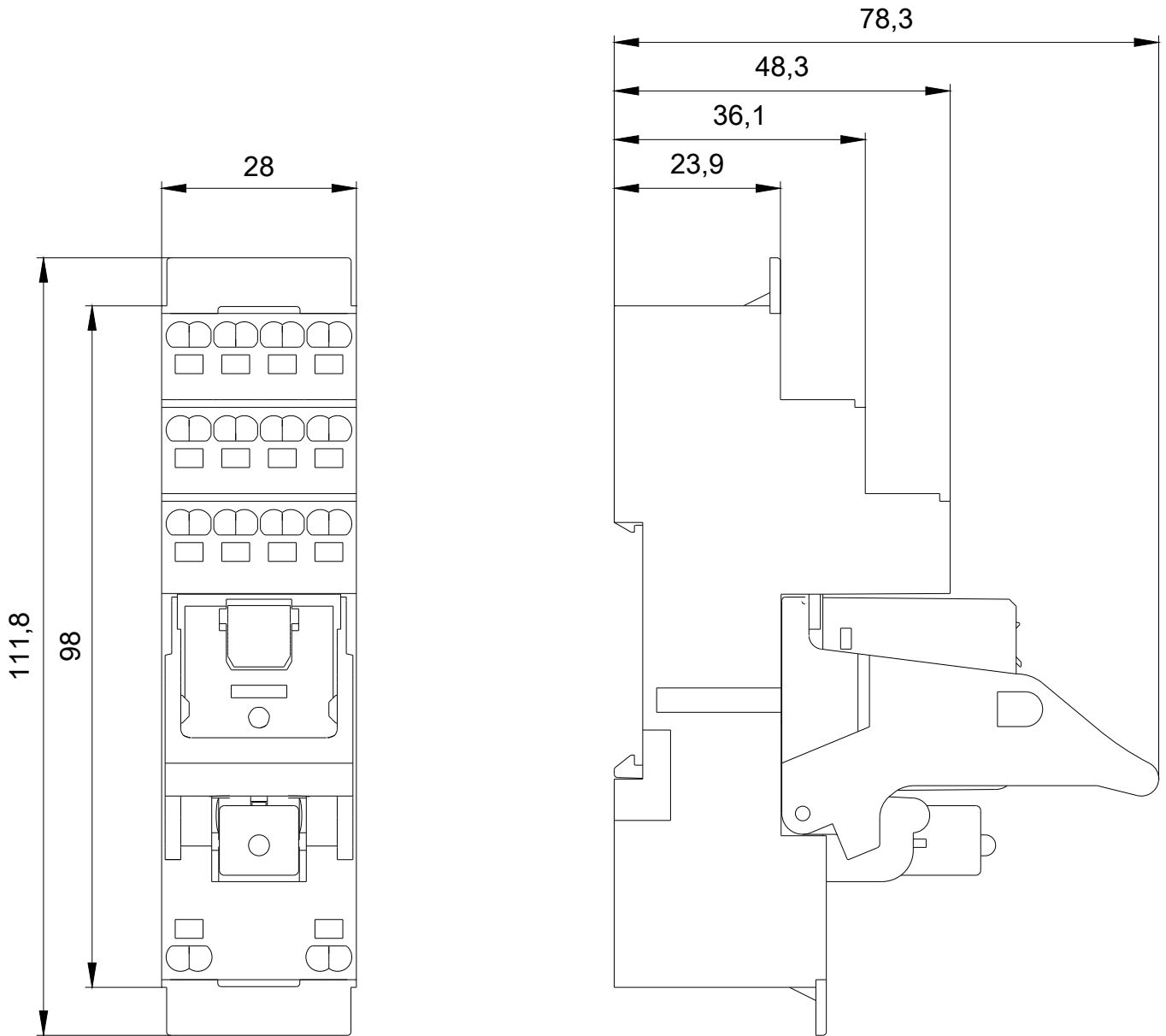
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=LZS:PT5D5S15>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:PT5D5S15>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT5D5S15>



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W9.4444;
W9.3333; LZS:PT2D5L24_