

Plug-in relay complete unit 1 W, 24 V DC LED module green Plug-in socket with safe isolation screw terminal

Product brand name	SIRIUS
Product designation	Coupling relay with plug-in relay
Product type designation	LZS

General technical data

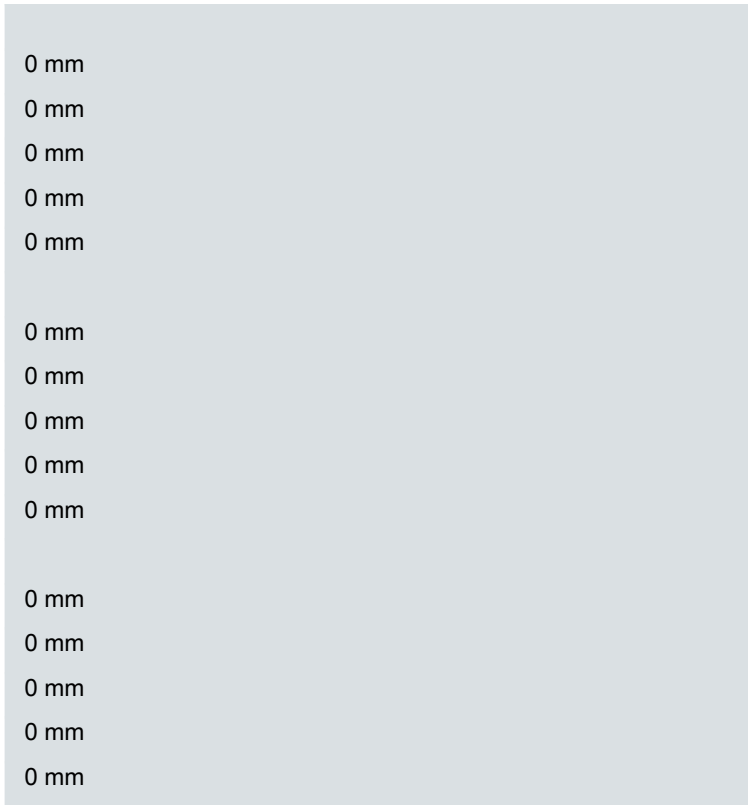
Display version LED	Yes
Power loss [W] total typical	1 W
Consumed active power	0.4 W
Percental drop-out voltage related to the input voltage	10 %
Protection class IP	IP20
Operating frequency maximum	72 000 1/h
Switching behavior	monostable
Design of the switching function	changeover switch
Design of the switching function positively driven	No
Mechanical service life (switching cycles) <ul style="list-style-type: none"> • typical 	30 000 000
Electrical endurance (switching cycles) <ul style="list-style-type: none"> • at AC-15 at 230 V typical 	1 000 000
Thermal current	16 A
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K
Reference code acc. to DIN EN 81346-2	K
Reference code acc. to DIN EN 61346-2	K

Control circuit/ Control




Control supply voltage at DC <ul style="list-style-type: none"> • rated value 	24 V
Operating range factor control supply voltage rated value at DC <ul style="list-style-type: none"> • initial value • Full-scale value 	0.9 1.4
Closing delay <ul style="list-style-type: none"> • at DC 	8 ms
Opening delay <ul style="list-style-type: none"> • at DC 	6 ms
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	fuse gG: 10 A
<ul style="list-style-type: none"> for short-circuit protection of the 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	1
<ul style="list-style-type: none"> for auxiliary contacts 	
Operating current of auxiliary contacts at AC-15	6 A
<ul style="list-style-type: none"> at 250 V 	
Main circuit	
Type of voltage	DC
Outputs	
Ampacity of the output relay at AC-15	6 A
<ul style="list-style-type: none"> at 250 V at 50/60 Hz 	
Display	
Display version	LED green
<ul style="list-style-type: none"> as status display by LED 	
Connections/Terminals	
Product function	No
<ul style="list-style-type: none"> removable terminal 	
Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections	2x 2,5
<ul style="list-style-type: none"> solid finely stranded with core end processing 	2x 2,5
Connectable conductor cross-section	0.75 ... 2.5 mm ²
<ul style="list-style-type: none"> solid finely stranded with core end processing 	0.75 ... 1.5 mm ²
Tightening torque	0.5 ... 0.7 N·m
<ul style="list-style-type: none"> with screw-type terminals 	
Installation/ mounting/ dimensions	
Mounting type	snap-on mounting
Height	71 mm
Width	15.5 mm
Depth	77 mm
Required spacing	

- 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



Certificates/approvals

General Product Approval	Declaration of Conformity	other
 VDE	 EAC	 EG-Konf.
	Miscellaneous	Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=LZS:RT3B6L24-A>

Cax online generator

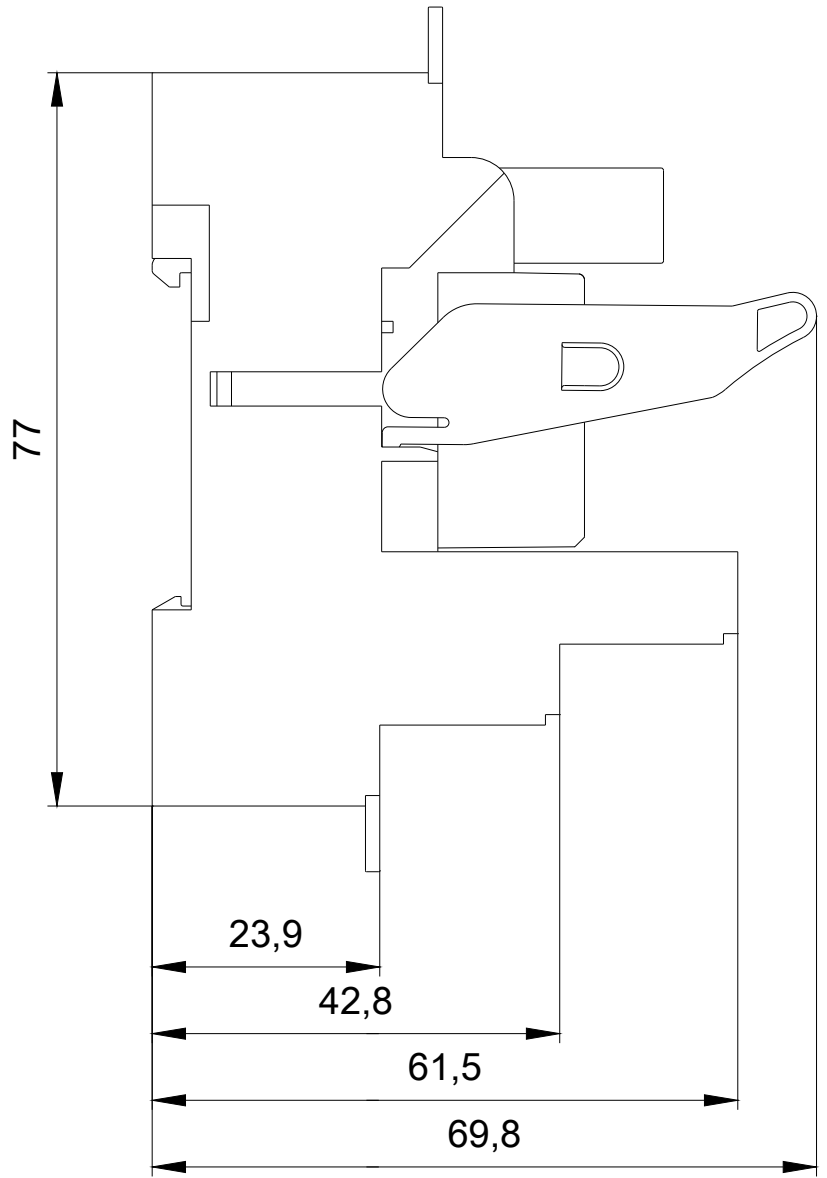
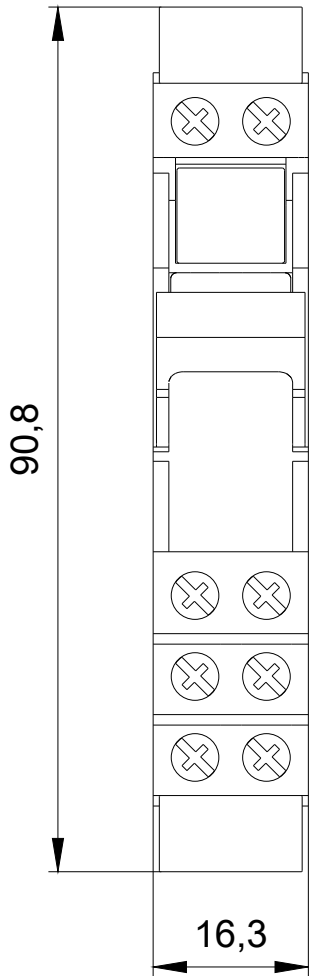
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:RT3B6L24-A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT3B6L24-A>

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:RT3B6L24-A&lang=en



last modified:

07/03/2019