SIEMENS

Data sheet LZS:PT2D5T30

Plug-in relay complete unit 2 W, 230 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	180 000
Thermal current	12 A
Reference code acc. to DIN EN 81346-2	K

Control circuit/ Control	
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 current 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
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	
• 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	
• for auxiliary contacts	2
Operating current of auxiliary contacts at AC-15	
• at 250 V	2 A
Operating current at DC-13	
• at 24 V rated value	4 A
Operating current of auxiliary contacts at DC-13	
• at 24 V	4 A

Main circuit

Type of voltage	AC

Outputs

Ampacity of the output relay at DC-13	
• at 24 V	4 A

Display

Display version	
• as status display by LED	LED red

Connections/ Terminals

Product function	
• removable terminal	No
Type of electrical connection	spring-loaded terminals
Type of connectable conductor cross-sections	
• 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
• at AWG conductors solid	1x (18 ... 16), 2x (18 ... 16)
• at AWG conductors stranded	1x (18 ... 16), 2x (18 ... 16)
Connectable conductor cross-section	
• solid	0.75 ... 1.5 mm²
• finely stranded with core end processing	0.75 ... 1.5 mm²
• finely stranded without core end processing	0.75 ... 1.5 mm²
AWG number as coded connectable conductor cross section	
• solid	18 ... 16
• 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

VDE EAC EG-Konf.

Further information

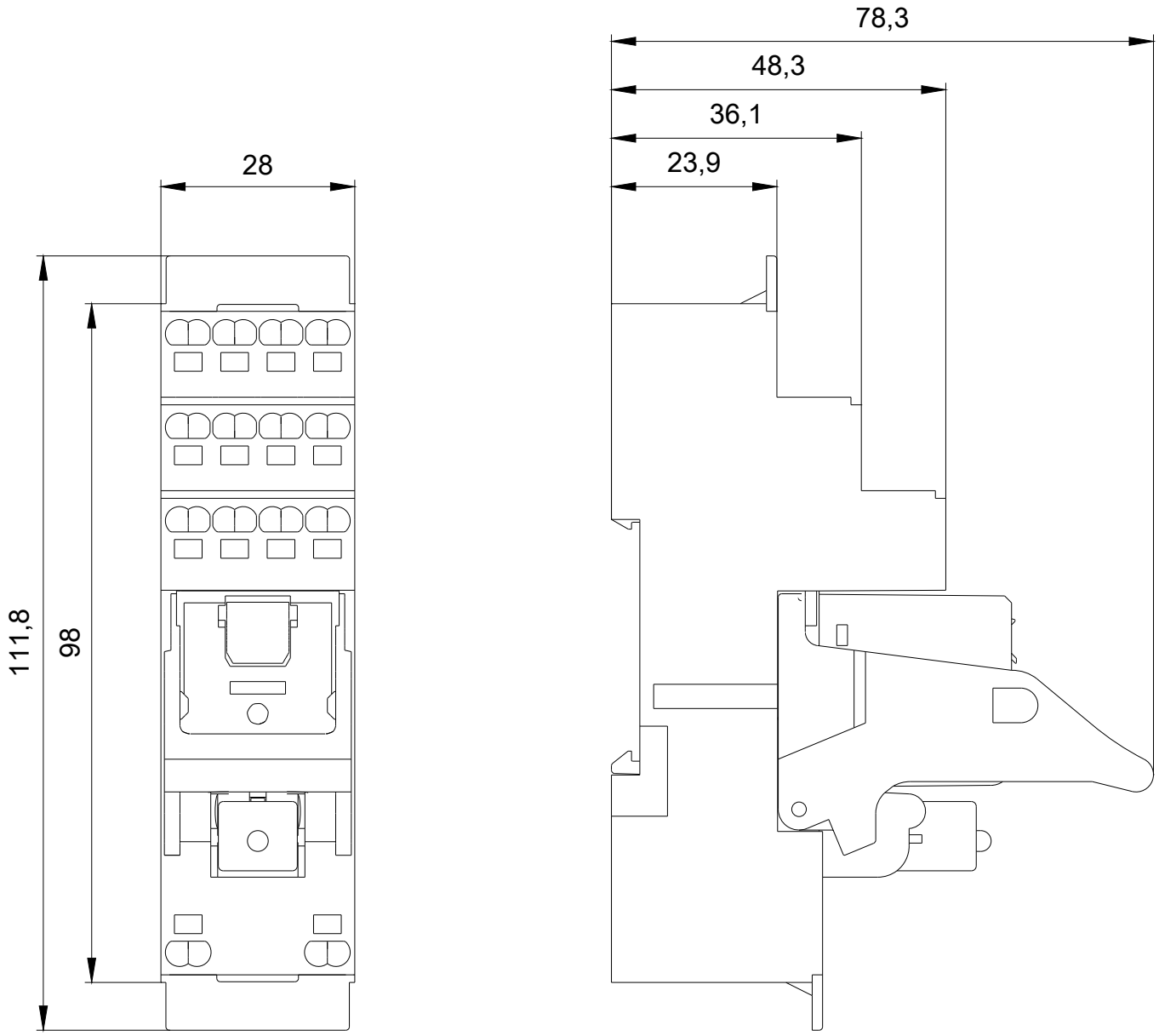
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=LZS:PT2D5T30

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:PT2D5T30

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT2D5T30

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:PT2D5T30&lang=en



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