SIEMENS

Data sheet LZX:PT570730

Plug-in relay, 4 changeover contacts 230 V AC, 6 A, Width 22.5 mm for LZS sockets

Product brand name	SIRIUS
Product designation	Plug-in relay
Product type designation	LZX

General technical data	
Percental drop-out voltage related to the input voltage	30 %
Shock resistance	
• acc. to IEC 60068-2-27	5g / 11 ms
Vibration resistance	
• acc. to IEC 60068-2-6	30 ... 150 Hz: 4g
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

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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 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	No

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	4
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 AC-15	
• at 250 V at 50/60 Hz	2 A
Ampacity of the output relay at DC-13	

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• at 24 V	4 A

Connections/ Terminals

Product function	
• removable terminal	No

Installation/ mounting/ dimensions

Mounting position	any
Mounting type	base mounting
Height	28 mm
Width	22.5 mm
Depth	35 mm

Certificates/ approvals

General Product Approval			Declaration of Conformity		Marine / Shipping
UR	VDE		EG-Konf.	Miscellaneous	LRS

other
Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=LZX:PT570730

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:PT570730

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT570730

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT570730&lang=en

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