SIEMENS

Data sheet LZX:PT570524



Plug-in relay, 4 changeover contacts 24 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 according to IEC 60068-2-27	5 g / 11 ms
vibration resistance according to IEC 60068-2-6	30 ... 150 Hz: 4 g
operating frequency without load	36 000 1/h
operating frequency with load	360 1/h
switching behavior	monostable
mechanical service life (operating cycles) typical	20 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	250 000
thermal current	6 A
reference code according to IEC 81346-2	K
Substance Prohibitance (day/month/year)	05/01/2012
Net Weight	0.03 kg
Control circuit/ Control	
control supply voltage at AC	
● at 50 Hz rated value	24 V
● at 60 Hz rated value	24 V
control supply voltage frequency	
● 1 rated value	50 Hz
● 2 rated value	60 Hz
supply voltage frequency for auxiliary and control 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
Switching Function	
design of the switching function	changeover switch
Mechanical data	
product component plug-in socket	No
design of the relay operating mechanism	poled
Auxiliary circuit	
type of switching contact	Change-over contact

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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
operational current of auxiliary contacts at AC-15	
● at 250 V	2 A
operational current at DC-13 at 24 V rated value	4 A
operational current of auxiliary contacts at DC-13	
● at 24 V	4 A
Main circuit	
type of voltage	AC
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	
● at 24 V	4 A
Connections/ Terminals	
product function removable terminal	No
Installation/ mounting/ dimensions	
mounting position	any
fastening method	base mounting
height	28 mm
width	22.5 mm
depth	35 mm
Ambient conditions	
ambient temperature	
● during operation	-40 ... +70 °C
● during storage	-40 ... +70 °C
● during transport	-40 ... +70 °C

Approvals Certificates

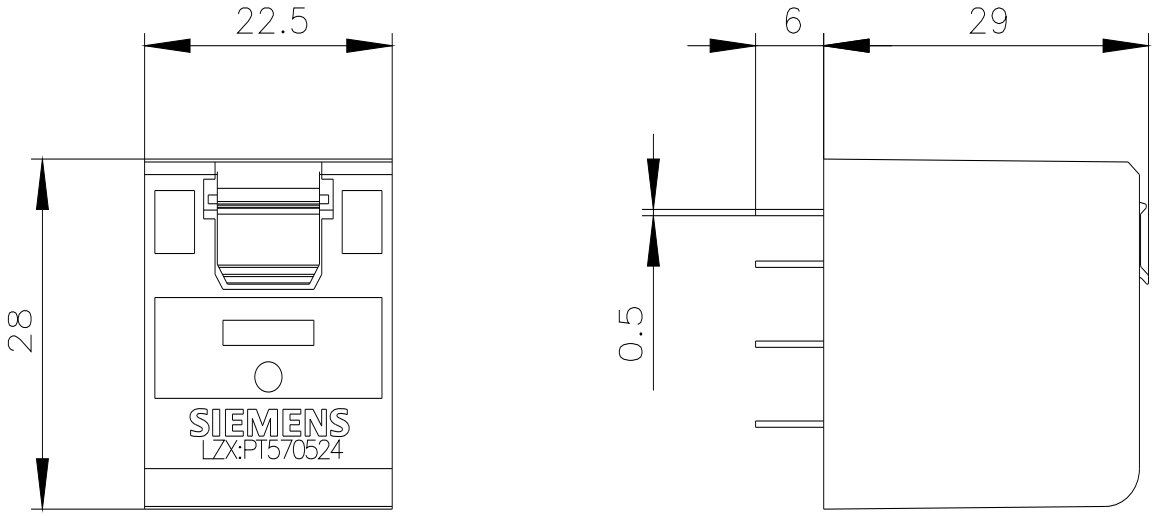
Environment	General Product Approval
Environmental Confirmations	UR, VDE, EAC, CE EG-Konf., UKCA

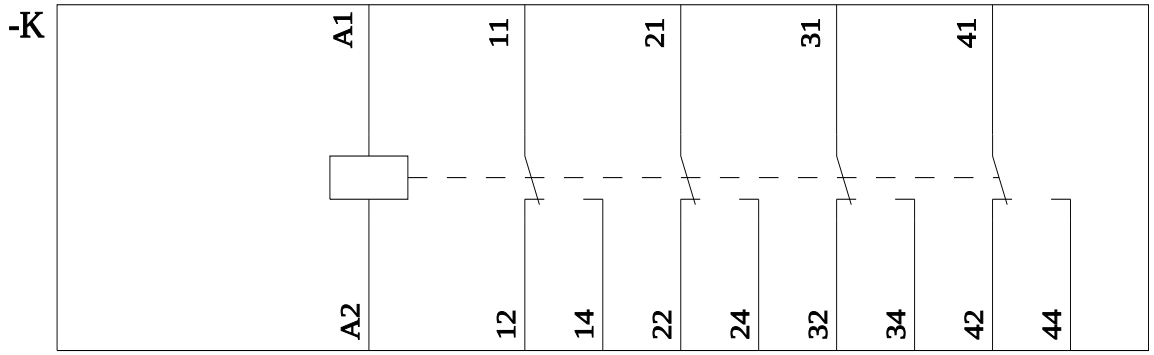
Maritime application	other
LRS	Confirmation, 产品合格 QC PASS

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=LZX:PT570524
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZX:PT570524
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/LZX:PT570524
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZX:PT570524&lang=en

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