SIEMENS

Data sheet

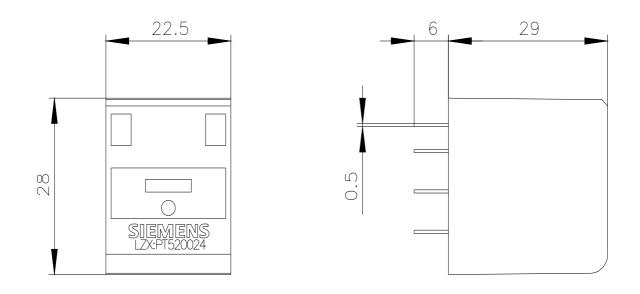
LZX:PT520024

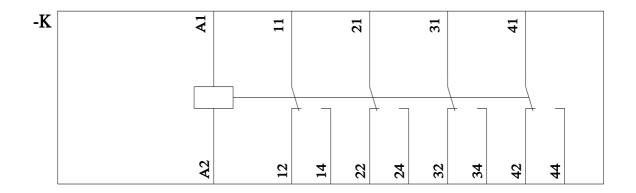


Plug-in relay 4 changeover contacts, without test bracket 24 V DC, for LZS sockets

product brand name	SIRIUS
product designation	Plug-in relay
product type designation	LZX
General technical data	
consumed active power	741 mW
percental drop-out voltage related to the input voltage	10 %
shock resistance according to IEC 60068-2-27	5g / 11 ms
vibration resistance according to IEC 60068-2-6	30 150 Hz: 4g
operating frequency without load	36 000 1/h
operating frequency with load	360 1/h
switching behavior	monostable
design of the switching function	changeover switch
design of the switching function positively driven	No
mechanical service life (operating cycles) typical	30 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	250 000
thermal current	6 A
reference code according to IEC 81346-2	К
Substance Prohibitance (Date)	05/01/2012
Control circuit/ Control	
control supply voltage at DC	
rated value	24 V
operating range factor control supply voltage rated value at DC	
initial value	0.9
• full-scale value	1.4
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
operational current of auxiliary contacts at AC-15	
• at 250 V	4 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	

ampacity of the output relay at AC-15 at 250 V at 50/60 Hz	4 A		
ampacity of the output relay at DC-13			
• at 24 V	4 A		
Connections/ Terminals			
product function removable terminal	No		
nstallation/ 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		
Certificates/ approvals			
General Product Approval		Declaration of Confor	mity
Confirmation		UK	()
	₽ FAL		
UR VDE			EG-Konf.
Llovds			
Kegister			
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