SIEMENS

Data sheet

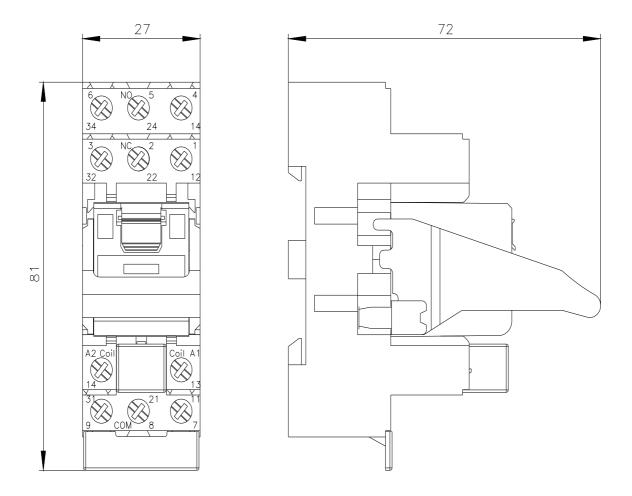
LZS:PT3A5L24

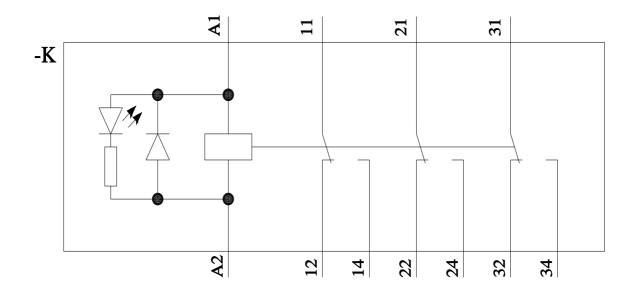


Plug-in relay complete unit 3 W, 24 V DC LED module red Standard plug-in socket screw terminal 3.5 mm pinning

product brand name	SIRIUS
product designation	Coupling relay with plug-in relay
product type designation	LZS
General technical data	
display version LED	Yes
consumed active power	0.75 W
percental drop-out voltage related to the input voltage	10 %
protection class IP	IP20
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	180 000
thermal current	10 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
closing delay	
• at DC	15 ms
opening delay	
• at DC	18 ms
design of the relay operating mechanism	poled
product component plug-in socket	Yes
design of the snap-on socket base	Standard socket
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
material of switching contacts number of NC contacts for auxiliary contacts	AgNi 90/10 0

number of CO contacts for auxiliary contacts operational current of auxiliary contacts at AC-15 • at 250 V operational current at DC-13 at 24 V rated value operational current of auxiliary contacts at DC-13	3 4 A			
at 250 V operational current at DC-13 at 24 V rated value	4 A			
operational current at DC-13 at 24 V rated value	4 A			
operational current of auxiliary contacts at DC-13	4 A			
operational current of auxiliary contacts at DC-15				
• at 24 V	4 A			
ain circuit				
type of voltage	DC			
ampacity of the output relay at DC-13				
• at 24 V	4 A			
splay				
display version as status display by LED	LED red			
onnections/ Terminals				
product function removable terminal	No			
type of electrical connection	screw-type terminals			
type of connectable conductor cross-sections				
• solid	1x (1,0 2,5), 2x 1,0, 2x 1,5, 2x 2,5			
 finely stranded with core end processing 	1x (1.0 1.5), 2x 1.0, 2x 1.5			
for AWG cables solid	1x (18 14), 2x 18, 2x 16, 2x 14			
connectable conductor cross-section	(
• solid	1 2.5 mm²			
 finely stranded with core end processing 	1 1.5 mm ²			
AWG number as coded connectable conductor cross				
section				
• solid	18 14			
tightening torque with screw-type terminals	0.5 0.7 N·m			
stallation/ mounting/ dimensions				
mounting position	any			
fastening method	snap-on mounting			
height	74 mm			
width	27 mm			
depth	72 mm			
mbient conditions				
ambient temperature				
during operation	-40 +70 °C			
during storage	-25 +70 °C			
during transport	-25 +70 °C			
oprovals Certificates				
General Product Approval		other		
Confirmation		Confirmation		
Confirmation CE UK	ם 🚔 נחנ			
EG-Konf.	VDE			
urther information				
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-c	down-russian-business			
Siemens is working on the renewal of the current EAC certific				
Please contact your local Siemens office on the status of validity of	of the EAC certification if you intend to import or offer to su	upply these products to an		
EAC relevant market (other than the sanctioned EAEU member st Information on the packaging	tates Russia or Belarus).			
https://support.industry.siemens.com/cs/ww/en/view/109813875				
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:PT3A5L24				
Cax online generator				
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https://www.siemens.com/ic10 Industry Mall (Online ordering system)				





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