## **SIEMENS**

Data sheet LZS:PT3A5T30



Plug-in relay complete unit 3 W, 230 V AC LED module red Standard plug-in socket screw terminal 3.5 mm pinning

product brand name product designation product type designation

SIRIUS

Coupling relay with plug-in relay

LZS

General technical data

display version LED percental drop-out voltage related to the input voltage protection class IP

operating frequency without load operating frequency with load

switching behavior

design of the switching function

design of the switching function positively driven mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical

thermal current

reference code according to IEC 81346-2 Substance Prohibitance (Date) Yes

30 % IP20

36 000 1/h

360 1/h monostable

changeover switch

No

20 000 000 180 000

10 A K

05/01/2012

## Control circuit/ Control

control supply voltage at AC

• at 50 Hz rated value

at 60 Hz rated value

230 V 230 V

50 Hz

60 Hz

0.9

1.1

0.9

1.1

poled

Yes

50 ... 60 Hz

control supply voltage frequency

1 rated value

2 rated value

supply voltage frequency for auxiliary and control circuit rated value

operating range factor control supply voltage rated value at AC at 50 Hz

initial value

• full-scale value

operating range factor control supply voltage rated

operating range factor control supply voltage rated value at AC at 60 Hz

• initial value

• full-scale value design of the relay operating mechanism

product component plug-in socket design of the snap-on socket base

design of the snap-on socket base

Short-circuit protection

design of the fuse link for short-circuit protection of the auxiliary switch required

fuse gG: 6 A

Standard socket

**Auxiliary circuit** 

type of switching contact	Chan	geover contact	
material of switching contacts	AgNi		
number of NC contacts for auxiliary contacts	0	30/10	
number of NO contacts for auxiliary contacts	0		
number of CO contacts for auxiliary contacts	3		
operational current of auxiliary contacts at AC-15	Ü		
• 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 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	screw	y-type terminals	
type of connectable conductor cross-sections			
• solid	1x (1,	0 2,5), 2x 1,0, 2x 1,5, 2x 2,5	
<ul> <li>finely stranded with core end processing</li> </ul>	1x (1.	0 1.5), 2x 1.0, 2x 1.5	
<ul> <li>at AWG cables solid</li> </ul>	1x (18	3 14), 2x 18, 2x 16, 2x 14	
connectable conductor cross-section			
• solid		.5 mm²	
<ul> <li>finely stranded with core end processing</li> </ul>	1 1	.5 mm²	
AWG number as coded connectable conductor cross section			
• solid	18	14	
tightening torque with screw-type terminals	0.5	0.7 N·m	
Installation/ mounting/ dimensions			
mounting position	any		
fastening method	snap-	on mounting	
height	74 mr	n	
width	27 mr	n	
depth	72 mr	n	
Ambient conditions			
ambient temperature			
<ul> <li>during operation</li> </ul>		. +70 °C	
<ul> <li>during storage</li> </ul>	-25 +70 °C		
during transport	-25	. +70 °C	
Certificates/ approvals			
General Product Approval		Declaration of Conformity	other

Confirmation









Confirmation

## 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:PT3A5T30

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:PT3A5T30

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

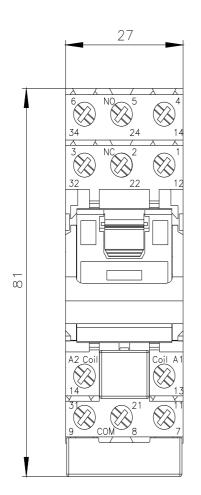
https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT3A5T30

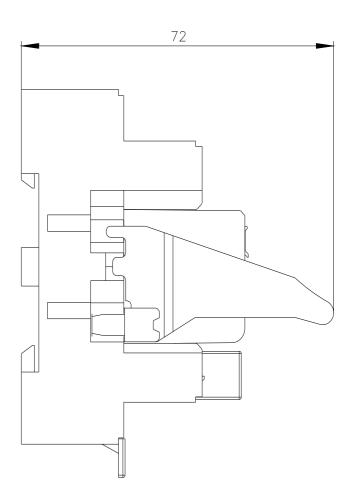
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$ 

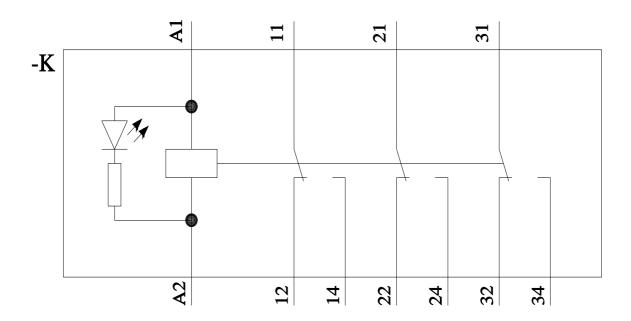
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**Characteristic: Derating** 

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