SIEMENS

product brand name

230 V typical thermal current

Data sheet LZS:PT5A5T30



Plug-in relay complete unit 4 W, 230 V AC LED module red Standard plugin socket screw terminal 3.5 mm pinning

product designation Coupling relay with plug-in relay product type designation LZS General technical data display version LED Yes percental drop-out voltage related to the input voltage 30 % 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 20 000 000 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 250 000

6 A

SIRIUS

Substance Prohibitance (Date)

reference code according to IEC 81346-2 05/01/2012 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 50 Hz • 1 rated value 60 Hz 2 rated value supply voltage frequency for auxiliary and control 50 ... 60 Hz circuit rated value operating range factor control supply voltage rated value at AC at 50 Hz 0.9 initial value • full-scale value 1.1 operating range factor control supply voltage rated value at AC at 60 Hz 0.9 initial value • full-scale value 1.1 poled Yes Standard socket fuse gG: 6 A

design of the relay operating mechanism product component plug-in socket design of the snap-on socket base **Short-circuit protection** design of the fuse link for short-circuit protection of the auxiliary switch required

tune of auttahing contact	Char	ageover contact		
type of switching contact		geover contact 90/10		
material of switching contacts	Agivi 0	90/10		
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	0			
number of CO contacts for auxiliary contacts	4			
operational current of auxiliary contacts at AC-15	7			
• 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	47.			
	AC			
type of voltage	AC			
ampacity of the output relay at DC-13 • at 24 V	4 A			
	4 A			
Display				
display version as status display by LED	LED	red		
Connections/ 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			
 at AWG cables solid 	1x (18 14), 2x 18, 2x 16, 2x 14			
connectable conductor cross-section				
• solid	1 2.5 mm ²			
finely stranded with core end processing	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 mm		
width	27 m	27 mm		
depth	72 m	72 mm		
Ambient conditions				
ambient temperature				
during operation	-40 +70 °C			
during storage	-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:PT5A5T30

Cax online generator

 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=LZS:PT5A5T30}$

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

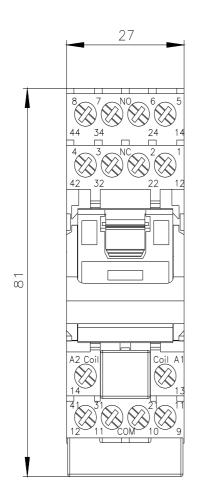
https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT5A5T30

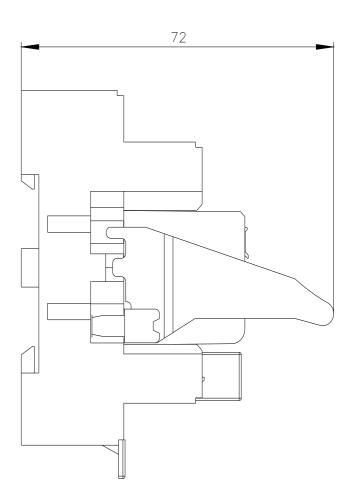
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

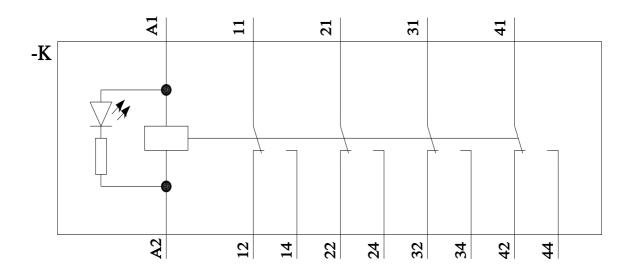
 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZS:PT5A5T30\&lang=endersen$

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT5A5T30/manual







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