SIEMENS

Data sheet LZS:PT5B5S15



plug-in relay complete unit, 4 changeover contacts, 115 V AC, LED module red, base with logical isolation, 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		
percental drop-out voltage related to the input voltage	30 %		
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 (Date)	05/01/2012		
Weight	0.114 kg		
Control circuit/ Control			
control supply voltage at AC			
at 50 Hz rated value	115 V		
at 60 Hz rated value	115 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	Yes		
design of the snap-on socket base	Socket with logic isolation		
design of the relay operating mechanism	poled		
Short-circuit protection			
design of the fuse link for short-circuit protection of the auxiliary	fuse gG: 6 A		

switch required Auxiliary circuit				
	Changesyer contact			
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	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	No		
type of electrical connection	screw terminal	screw terminal		
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 mm²			
AWG number as coded connectable conductor cross section				
• solid	18 14			
tightening torque with screw-type terminals	0.5 0.7 N·m			
nstallation/ mounting/ dimensions				
mounting position	any			
fastening method	snap-on mounting			
height	77 mm			
width	27 mm			
depth	79 mm			
Ambient conditions				
ambient temperature				
during operation	-40 +70 °C			
during storage	-25 +70 °C			
during transport	-25 +70 °C			
Approvals Certificates				
General Product Approval		other	Environment	









Confirmation

Environmental Confirmations

Information on the packaging

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:PT5B5S15

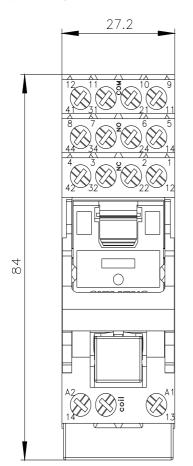
Cax online generator

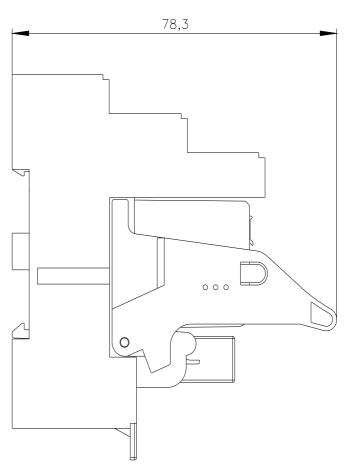
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=LZS:PT5B5S15}$

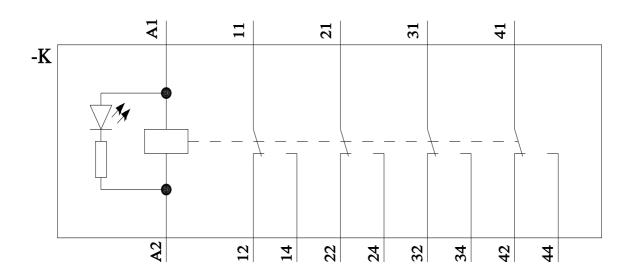
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT5B5S15

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

Characteristic: Derating
https://support.industry.siemens.com/cs/ww/en/ps/LZS:PT5B5S15/manual







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