SIEMENS

Data sheet

LZS:RT3B4T30



Plug-in relay complete unit 1 W, 230 V AC LED module red Socket with logic isolation screw terminal

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	15 %	
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	10 000 000	
electrical endurance (operating cycles) at AC-15 at	70 000	
230 V typical		
thermal current	16 A	
reference code according to IEC 81346-2	K	
Substance Prohibitance (Date)	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		
 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	
design of the relay operating mechanism	poled	
product component plug-in socket	Yes	
design of the snap-on socket base	Socket with logic isolation	
Short-circuit protection		
design of the fuse link for short-circuit protection of the auxiliary switch required	fuse gG: 10 A	
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	1		
Main circuit			
type of voltage	AC		
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 mm²		
 finely stranded with core end processing 	1 1.5 mm²		
AWG number as coded connectable conductor cross			
section ● solid	18 14		
 solid tightening torque with screw-type terminals 	18 14 0.5 0.7 N·m		
Installation/ mounting/ dimensions	0.5 0.7 10111		
mounting position	201/		
fastening method	any share on mounting		
height	snap-on mounting 77 mm		
width	15.5 mm		
depth	71 mm		
Ambient conditions			
ambient temperature			
during operation	-40 +70 °C		
during storage	-20 +70 °C		
during transport	-20 +70 °C		
Certificates/ approvals			
General Product Approval	Declaration of Conformity	other	
	' (¢ UK	Confirmation	
Further information			
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business			
Siemens is working on the renewal of the current EAC certificates.			
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these			
products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).			
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:RT3B4T30			
Cax online generator			

Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:RT3B4T30

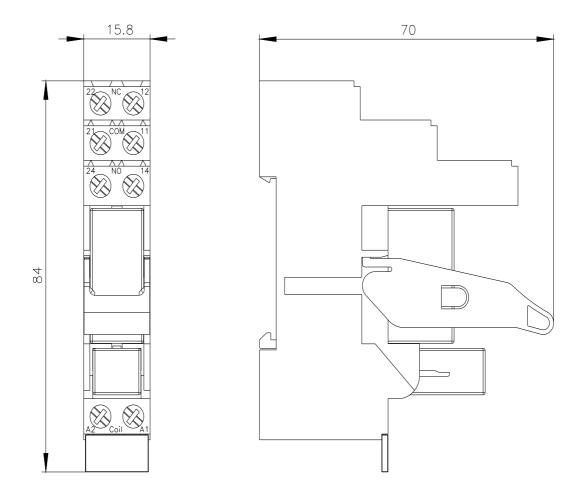
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

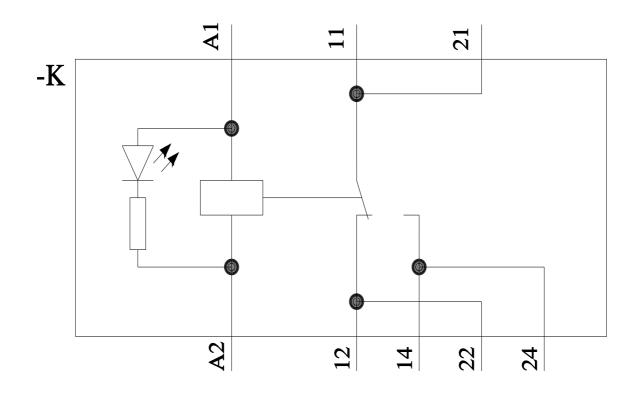
https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT3B4T30

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=LZS:RT3B4T30&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT3B4T30/manual





last modified:

10/13/2021 🖸