## 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
<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 14), 2x 18, 2x 16, 2x 14
connectable conductor cross-section	
• solid	1 2.5 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
fastening method height	snap-on mounting 77 mm
-	
height	77 mm
height width	77 mm 15.5 mm
height width depth	77 mm 15.5 mm
height width depth Ambient conditions	77 mm 15.5 mm
height width depth Ambient conditions ambient temperature	77 mm 15.5 mm 71 mm
height width depth Ambient conditions ambient temperature • during operation	77 mm 15.5 mm 71 mm -40 +70 °C
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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:RT3B4T30

Cax online generator

 $\underline{http://support.automation.siemens.com/WW/CAX order/default.aspx?lang=en\&mlfb=LZS:RT3B4T30$ 

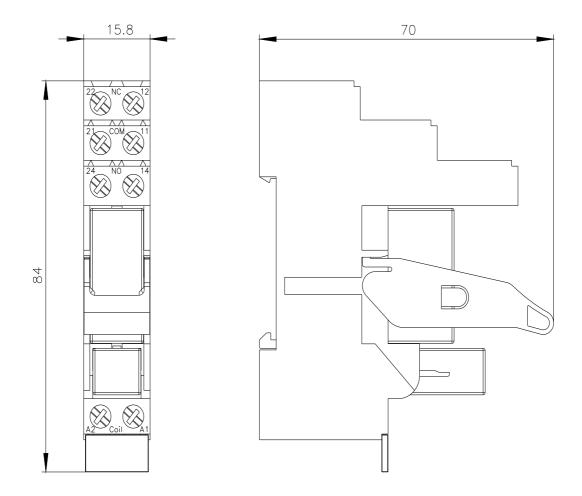
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

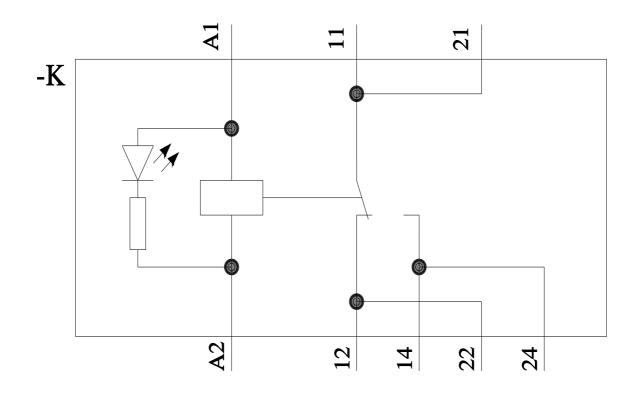
https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT3B4T30

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





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