## **SIEMENS**

Data sheet LZS:RT4B4T30



Plug-in relay complete unit 2 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
mechanical service life (operating cycles) typical	5 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	80 000
thermal current	8 A
reference code according to IEC 81346-2	К
Substance Prohibitance (Date)	05/01/2012
Weight	0.064 kg
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
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: 10 A	
switch required		
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	2	
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 terminal	
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	
• 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	
Installation/ mounting/ dimensions		
mounting position	any	
fastening method	snap-on mounting	
height	77 mm	
width	15.5 mm	
depth	71 mm	
required spacing		
with side-by-side mounting		
— forwards	0 mm	
— backwards	0 mm	
— upwards	0 mm	
— downwards	0 mm	
— at the side	0 mm	
for grounded parts		
— forwards	0 mm	
— backwards	0 mm	
— upwards	0 mm	
— at the side	0 mm	
— downwards	0 mm	
for live parts		
— forwards	0 mm	
— backwards	0 mm	
— upwards	0 mm	
— downwards	0 mm	
— at the side	0 mm	
Ambient conditions		
ambient temperature		
during operation	-40 +70 °C	
during operation     during storage	-40 +70 °C	
during storage     during transport	-20 +70 °C	
Approvals Certificates	20 110	
		Toot Cartificates
General Product Approval		Test Certificates





Confirmation





Type Test Certificates/Test Report

other Environment

> Confirmation **Environmental Con-**

**firmations** 

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:RT4B4T30

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=LZS:RT4B4T30

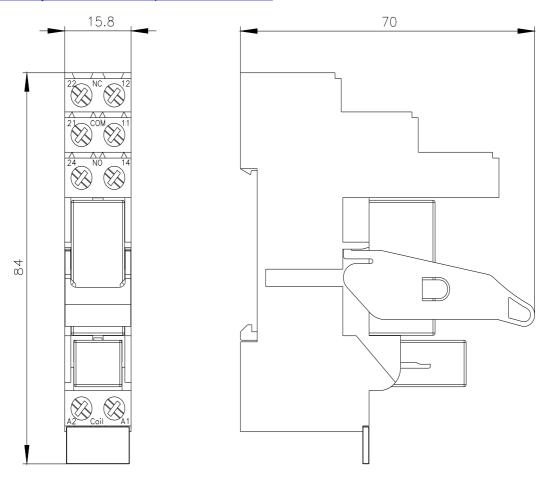
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT4B4T30

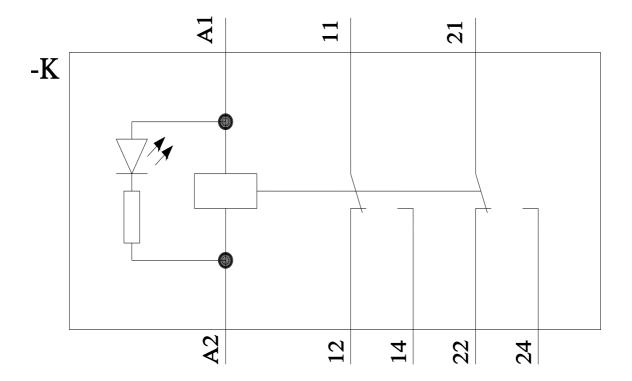
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=LZS:RT4B4T30&lang=en

**Characteristic: Derating** 

https://support.industry.siemens.com/cs/ww/en/ps/LZS:RT4B4T30/manual





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