

**TERMSERIES  
RSS113024 24VDC-REL1U**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



TERMSERIES accessories include:

- Spare relay
- Base
- Partition plates
- Cross-connections
- Power-feed modules

**General ordering data**

Type	RSS113024 24VDC-REL1U
Order No.	<a href="#">4060120000</a>
Version	TERMSERIES, Relais, No. of contacts: 1, CO contact, AgNi, Rated control voltage: 24 V DC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4032248252251
Qty.	20 pc(s).

## TERMSERIES RSS113024 24VDC-REL1U

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

## Technische Daten

### Dimensions and weights

Width	5 mm	Height	28 mm
Depth	15 mm	Weight	5 g
Net weight	6 g		

### Temperatures

Humidity	5...85 % rel. humidity, no condensation	Operating temperature	-40 °C...+85 °C
Storage temperature	-40 °C...+85 °C		

### Input

Coil resistance	3388 Ω ± 10 %	Pull-inrop-out current, typ.	
Rated control voltage	24 V DC	Rated current DC	7 mA
Power rating	170 mW	Pull-inrop-out voltage, typ.	18 V / 3.5 V DC

### Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Max. switching voltage, DC	250 V	Continuous current	6 A
Inrush current	6 A	Schaltleistung AC (ohmsch), max.	1500 VA @ 250 V
Schaltleistung DC (ohmsch), max.	144 W @ 24 V	Switch-on delay	< 8 ms
Switch-off delay	< 4 ms	Min. switching power	100 mA / 5 V, 10 V / 10 mA, 24 V / 1 mA
Max. switching frequency at rated load	0.1 Hz		

### Contact data

No. of contacts	1	Contact design	CO contact
Contact material	AgNi	Mechanical service life	5 x 10 <sup>6</sup> switching cycles

### General data

Wire connection method	Plug-in connection	Humidity	5...85 % rel. humidity, no condensation
Weight	5 g	UL 94 flammability rating	V-0

### Insulation coordination

Creepage and clearance distance input – output	≥ 5.5 mm	Dielectric strength input – output	4 kV <sub>eff</sub> / 1 min.
Impulse withstand voltage	6 kV (1.2/50 μs)	Protection degree	IP 67

### Other technical data

Version	Relay
---------	-------

### Further details of approvals / standards

Certificate No. (cURus)	E223474	Standards	IEC 61810-1, UL508
-------------------------	---------	-----------	--------------------

### Connection data

Wire connection method	Plug-in connection
------------------------	--------------------

**Datenblatt**

**TERMSERIES  
RSS113024 24VDC-REL1U**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Technische Daten**

**Classifications**

ETIM 3.0	EC001437	UNSPSC	30-21-19-17
eClass 5.1	27-37-16-01	eClass 6.2	27-37-16-03
eClass 7.1	27-37-16-03		

**Approvals**

Approvals



ROHS Conform

**TERMSERIES  
RSS113024 24VDC-REL1U**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Zeichnungen**

