

**RSS110024****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Similar to illustration

Individual relays for TERMSERIES

- Electromechanical relays
- Different contact materials

**General ordering data**

Version	TERMSERIES, Relay, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 24 V DC, Continuous current: 6 A, Plug-in connection, Test button available: No
Order No.	<a href="#">1984090000</a>
Type	RSS110024
GTIN (EAN)	4050118377910
Qty.	20 pc(s).

Creation date May 23, 2025 1:20:30 PM CEST

Catalogue status 10.05.2025 / We reserve the right to make technical changes.

**RSS110024****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Technical data****Dimensions and weights**

Depth	15 mm	Depth (inches)	0.591 inch
Height	28 mm	Height (inches)	1.102 inch
Width	5 mm	Width (inches)	0.197 inch
Net weight	5 g		

**Temperatures**

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
---------------------	----------------	-----------------------	----------------

**Rated data UL**

Certificate No. (cURus)	E223474
-------------------------	---------

**Control side**

Rated control voltage	24 V DC	Rated current DC	7.1 mA
Power rating	170 mW	Coil resistance	3388 $\Omega \pm 10 \%$
Status indicator	No		

**Load side**

Rated switching voltage	250 V AC	Max. switching frequency at rated load	0.1 Hz
Max. switching voltage, AC	250 V	Max. switching voltage, DC	250 V
Inrush current	30 A / 20 ms	AC switching capacity (resistive), max.	1500 VA
DC switching capacity (resistive), max.	144 W @ 24 V	Switch-on delay	<8 ms
Switch-off delay	<4 ms	Contact type	1 CO contact (AgSnO)
Min. switching power	100 mA @ 12 V		

**General data**

Test button available	No	Mechanical switch position indicator	No
Colour	white		

**Insulation coordination**

Clearance and creepage distances for control side - load side	$\geq 6$ mm	Dielectric strength for control side - load side	4 kV <sub>eff</sub> / 1 Min.
Dielectric strength of open contact	1 kV <sub>eff</sub> / 1 min	Impulse withstand voltage	6 kV (1.2/50 $\mu$ s)
Protection degree	IP67		

**Further details of approvals / standards**

Certificate No. (VDE)	40029391	Certificate No. (cURus)	E223474
-----------------------	----------	-------------------------	---------

**Connection data**

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

## RSS110024

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 9.0	27-37-16-01
ECLASS 9.1	27-37-16-01	ECLASS 10.0	27-37-16-01
ECLASS 11.0	27-37-16-01	ECLASS 12.0	27-37-16-01
ECLASS 13.0	27-37-16-01	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## Approvals

Approvals



Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/</a>
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E223474

## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">FL TERM SERIES RSS1COAgSnO LOAD GUIDE</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

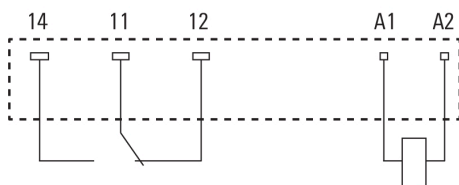
**RSS110024**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

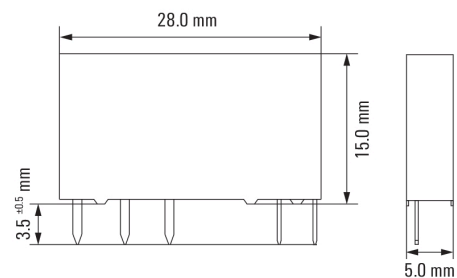
## Drawings

### Wiring diagram



View of Pins from below

### Dimensional drawing



## RSS110024

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## PUSH IN connection



Timing relay for control signal adaptation with additional functions

Timing relays are used to coordinate fast switching processes in control systems, among other things. TERMSERIES TIMER timing relays have a on-delay, which allows for the delayed switch-on of machines, the cascaded start-up of system components or the delayed activation of consumers such as pumps or valves. They also have the One Shot and blinker functions. TERMSERIES TIMER timing relays in compact 6.4 mm terminal block format are available with either a screw connection or a PUSH IN wire connection. The timing functions and time ranges can be conveniently adjusted via the DIP switches on the side. The power supply and the respective switching status can be checked at a glance by means of the clearly visible duo LED on the ejection lever. International approvals in accordance with EN 61812 mean that they can be used anywhere in the world. TERMSERIES TIMER is compatible with the wide range of TERMSERIES accessories, thereby ensuring high levels of flexibility and simple integration into existing systems.

- Integration of additional timing functions in 6 mm TERMSERIES version
- Standard-compliant timing relays according to EN 61812
- Simple setting of timing functions and time ranges
- Integrated status LED (duo-LED in the ejection lever) for power supply and switching status

## General ordering data

Type	TRP T 24VDC 1CO M3 EMPTY	Version
Order No.	<a href="#">2639740000</a>	TERMSERIES, Multifunction timing relay, Empty socket, Number
GTIN (EAN)	4050118797923	of contacts: 1, CO contact, Rated control voltage: 24 V DC $\pm 20\%$ ,
Qty.	10 pc(s).	Continuous current: 10 A, PUSH IN

## RSS110024

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## Tension clamp connection



TERM SERIES empty sockets with:

- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages with coloured marking: DC: blue, UC: white
- Due to high-quality design and no sharp edges no risk of injuries during installation
- Partition plates for optical separation and reinforcement of insulation

## General ordering data

Type	TRZ 24-230VUC 1CO EMPTY	Version
Order No.	<a href="#">1123450000</a>	TERM SERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905508	control voltage: 24...230 V UC $\pm 10\%$ , Continuous current: 10 A,
Qty.	10 pc(s).	Tension-clamp connection
Type	TRZ 24VDC 1CO EMPTY	Version
Order No.	<a href="#">1123370000</a>	TERM SERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905324	control voltage: 24 V DC $\pm 20\%$ , Continuous current: 10 A, Tension-
Qty.	10 pc(s).	clamp connection
Type	TRZ 24VUC 1CO EMPTY	Version
Order No.	<a href="#">1123380000</a>	TERM SERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905195	control voltage: 24 V UC $\pm 10\%$ , Continuous current: 10 A, Tension-
Qty.	10 pc(s).	clamp connection
Type	TRZ 48VUC 1CO EMPTY	Version
Order No.	<a href="#">1123390000</a>	TERM SERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905331	control voltage: 48 V UC $\pm 10\%$ , Continuous current: 10 A, Tension-
Qty.	10 pc(s).	clamp connection

## Screw connection



TERM SERIES empty sockets with:

- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages with coloured marking: DC: blue, UC: white
- Due to high-quality design and no sharp edges no risk of injuries during installation
- Partition plates for optical separation and reinforcement of insulation

## General ordering data

Type	TRS 24VUC 1CO EMPTY	Version
Order No.	<a href="#">1123250000</a>	TERM SERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905713	control voltage: 24 V UC $\pm 10\%$ , Continuous current: 10 A, Screw
Qty.	10 pc(s).	connection
Type	TRS 24-230VUC 1CO EMPTY	Version
Order No.	<a href="#">1123330000</a>	TERM SERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905614	control voltage: 24...230 V UC $\pm 10\%$ , Continuous current: 10 A,
Qty.	10 pc(s).	Screw connection

Creation date May 23, 2025 1:20:30 PM CEST

## RSS110024

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

Type	TRS 24-230VUC 1CO EMPTY ...	Version
Order No.	<a href="#">2662870000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4050118698206	control voltage: 24...230 V UC $\pm 10\%$ , Continuous current: 10 A,
Qty.	10 pc(s).	Screw connection
Type	TRS 24VDC 1CO EMPTY	Version
Order No.	<a href="#">1123240000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905485	control voltage: 24 V DC $\pm 20\%$ , Continuous current: 10 A, Screw
Qty.	10 pc(s).	connection
Type	TRS 48VUC 1CO EMPTY	Version
Order No.	<a href="#">1123270000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905423	control voltage: 48 V UC $\pm 10\%$ , Continuous current: 10 A, Screw
Qty.	10 pc(s).	connection

## PUSH IN connection



TERMSERIES empty sockets with:

- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages with coloured marking: DC: blue, UC: white
- Due to high-quality design and no sharp edges no risk of injuries during installation
- Partition plates for optical separation and reinforcement of insulation

## General ordering data

Type	TRP 24VDC 1CO EMPTY	Version
Order No.	<a href="#">2618870000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4050118669961	control voltage: 24 V DC $\pm 20\%$ , Continuous current: 10 A, PUSH IN
Qty.	10 pc(s).	
Type	TRP 24-230VUC 1CO EMPTY ...	Version
Order No.	<a href="#">2663030000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4050118698046	control voltage: 24...230 V UC $\pm 10\%$ , Continuous current: 10 A,
Qty.	10 pc(s).	PUSH IN
Type	TRP 24VUC 1CO EMPTY	Version
Order No.	<a href="#">2618910000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4050118669923	control voltage: 24 V UC $\pm 10\%$ , Continuous current: 10 A, PUSH IN
Qty.	10 pc(s).	
Type	TRP 48VUC 1CO EMPTY	Version
Order No.	<a href="#">2618920000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4050118669916	control voltage: 48 V UC $\pm 10\%$ , Continuous current: 10 A, PUSH IN
Qty.	10 pc(s).	

## RSS110024

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## Screw connection



Timing relay for control signal adaptation with additional functions

Timing relays are used to coordinate fast switching processes in control systems, among other things. TERMSERIES TIMER timing relays have a on-delay, which allows for the delayed switch-on of machines, the cascaded start-up of system components or the delayed activation of consumers such as pumps or valves. They also have the One Shot and blinker functions. TERMSERIES TIMER timing relays in compact 6.4 mm terminal block format are available with either a screw connection or a PUSH IN wire connection. The timing functions and time ranges can be conveniently adjusted via the DIP switches on the side. The power supply and the respective switching status can be checked at a glance by means of the clearly visible duo LED on the ejection lever. International approvals in accordance with EN 61812 mean that they can be used anywhere in the world. TERMSERIES TIMER is compatible with the wide range of TERMSERIES accessories, thereby ensuring high levels of flexibility and simple integration into existing systems.

- Integration of additional timing functions in 6 mm TERMSERIES version
- Standard-compliant timing relays according to EN 61812
- Simple setting of timing functions and time ranges
- Integrated status LED (duo-LED in the ejection lever) for power supply and switching status

## General ordering data

Type	TRS T 24VDC 1CO M3 EMPTY	Version
Order No.	<a href="#">2639720000</a>	TERMSERIES, Multifunction timing relay, Empty socket, Number
GTIN (EAN)	4050118715576	of contacts: 1, CO contact, Rated control voltage: 24 V DC $\pm 20\%$ ,
Qty.	10 pc(s).	Continuous current: 10 A, Screw connection

## RSS110024

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

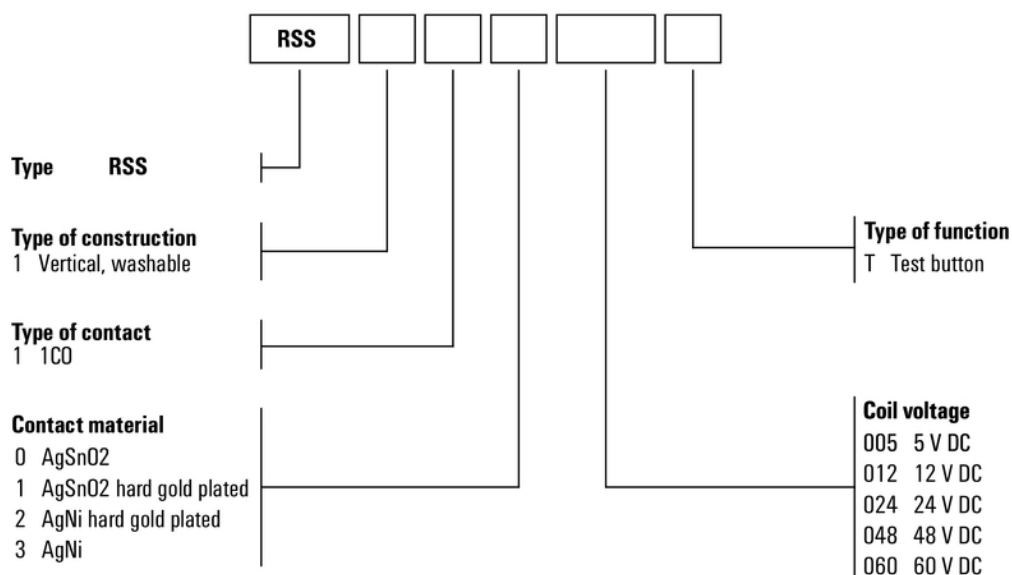
Germany

www.weidmueller.com

## Drawings

## Miscellaneous

## Type code electromechanical relay (TERMSERIES)



Type codes

Creation date May 23, 2025 1:20:30 PM CEST

Catalogue status 10.05.2025 / We reserve the right to make technical changes.