

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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.	1984090000
Type	RSS110024
GTIN (EAN)	4050118377910
Qty.	20 pc(s).

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 $\Omega \pm 10 \%$
Coil tolerance	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	≥ 6 mm	Dielectric strength for control side - load side	4 kV _{eff} / 1 Min.
Dielectric strength of open contact	1 kV _{eff} / 1 min	Impulse withstand voltage	6 kV (1.2/50 μ 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 & 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
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

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E223474

Downloads

Engineering Data	CAD data – STEP
User Documentation	FL_TERMSERIES_RSS1COAgSnO_LOAD_GUIDE
Catalogues	Catalogues in PDF-format

RSS110024

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

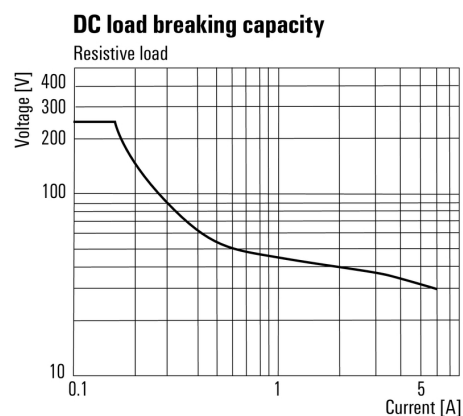
Drawings

Wiring diagram



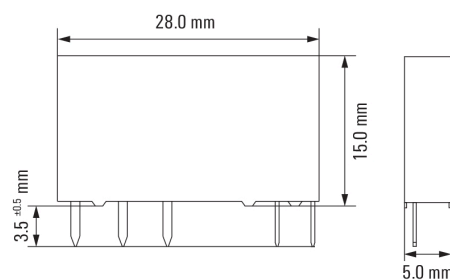
View of Pins from below

Graph



DC load limit curve

Dimensional drawing



RSS110024**Weidmüller Interface GmbH & 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.	2639740000	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 & Co. KG

Klingenbergstraße 26

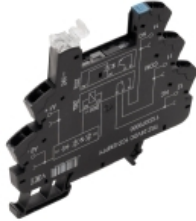
D-32758 Detmold

Germany

www.weidmueller.com

Accessories

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

Screw 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	TRS 24VDC 1CO EMPTY	Version
Order No.	1123240000	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 connection
Qty.	10 pc(s).	
Type	TRS 24-230VUC 1CO EMPTY	Version
Order No.	1123330000	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905614	control voltage: 24...230 V UC $\pm 10\%$, Continuous current: 10 A, Screw connection
Qty.	10 pc(s).	

RSS110024

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Type	TRS 24-230VUC 1CO EMPTY ...	Version
Order No.	2662870000	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 48VUC 1CO EMPTY	Version
Order No.	1123270000	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
Type	TRS 24VUC 1CO EMPTY	Version
Order No.	1123250000	TERMSERIES, 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

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.	2618870000	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 24VUC 1CO EMPTY	Version
Order No.	2618910000	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.	2618920000	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).	
Type	TRP 24-230VUC 1CO EMPTY ...	Version
Order No.	2663030000	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

RSS110024

Weidmüller Interface GmbH & 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.	2639720000	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 & Co. KG

Klingenbergstraße 26

D-32758 Detmold

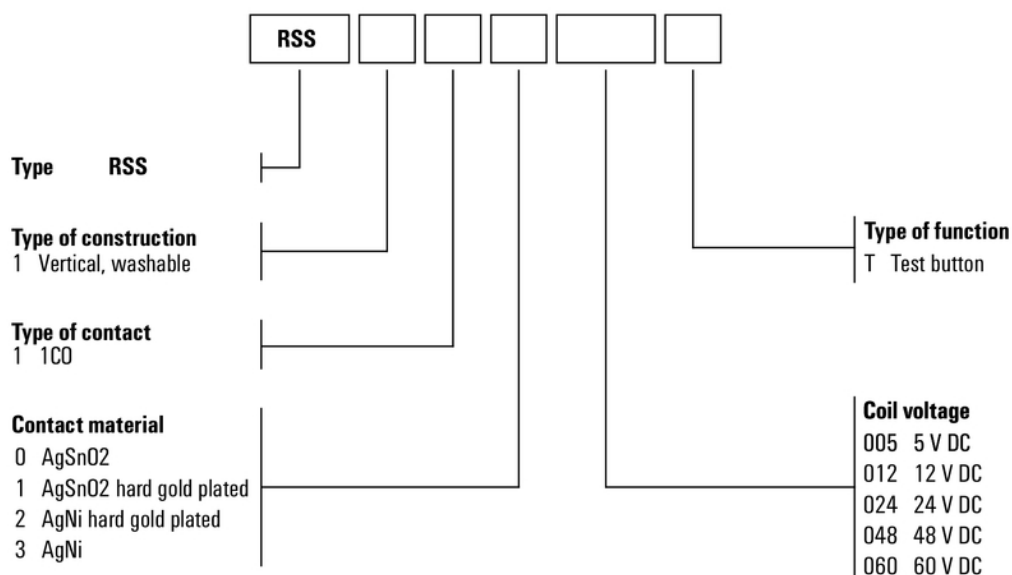
Germany

www.weidmueller.com

Drawings

Miscellaneous

Type code electromechanical relay (TERMSERIES)



Type codes