

SSR 24VDC/0-24VDC 3,5A

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

www.weidmueller.com



Similar to illustration

Individual relays for TERMSERIES

- Solid-state relays
- Different output versions

General ordering data

Version	TERMSERIES, Solid-state relay, Rated control voltage: 10...32 V DC , Rated switching voltage: 0...33 V DC, Continuous current: 3.5 A, Plug-in connection
Order No.	1132310000
Type	SSR 24VDC/0-24VDC 3,5A
GTIN (EAN)	4050118049398
Qty.	20 items
Delivery status	This article will no longer be available in the future.
Last order date	2025-11-20T00:00:00+01:00
Alternative product	SSR 10-32VDC/0-35VDC 5A

SSR 24VDC/0-24VDC 3,5A

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	15 mm	Depth (inches)	0.5906 inch
Height	29 mm	Height (inches)	1.1417 inch
Width	12.7 mm	Width (inches)	0.5 inch
Net weight	5.2 g		

Temperatures

Storage temperature	-40 °C...70 °C	Ambient temperature	-20 °C...60 °C
Operating temperature			

Probability of failure

MTTF	1116 a
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Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Control side

Rated control voltage	10...32 V DC	Nominal control current	3...13 mA
Status indicator	No		

Load side

Rated switching voltage	0...33 V DC	Continuous current	3.5 A
Rated switching current	3.5 A	Switch-on delay	<50 µs
Switch-off delay	<250 µs	Voltage drop at max. load	≤ 0,1 V
Leakage current	<10 µA	Min. switching current	10 mA
Protective circuit, load side	Free-wheeling diode	Contact type	1 NO contact (MOS-FET)

General data

Colour	black
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Insulation coordination

Dielectric strength for control side - load 2.5 kVeff side

Connection data

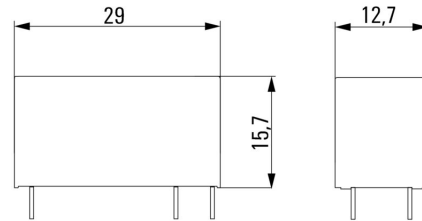
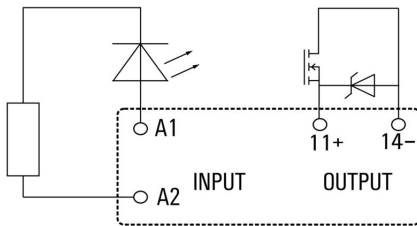
Wire connection method	Plug-in connection	Pitch in mm (P)	5.00 mm
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Classifications

ETIM 8.0	EC001504	ETIM 9.0	EC001504
ETIM 10.0	EC001504	ECLASS 14.0	27-37-16-04
ECLASS 15.0	27-37-16-04		

Wiring diagram

Dimensional drawing



View of pins from below

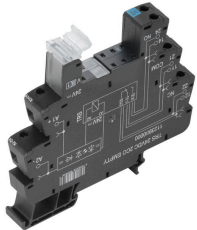
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Counterpart

Screw connection



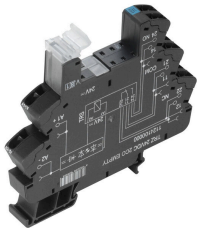
TERMSERIES empty sockets with:

- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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	TOS 24VDC EMPTY	Version
Order No.	1127720000	TERMSERIES, Relay socket, Rated control voltage: 24 V DC $\pm 20\%$,
GTIN (EAN)	4032248909377	Rated switching voltage: 230 V AC, Continuous current: 16 A, Screw
Qty.	10 ST	connection

Tension clamp connection



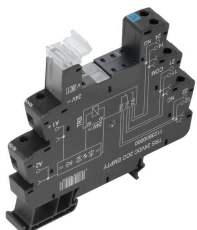
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- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, DC: blue, UC: white
- Due to high-quality design and no sharp edges no risk of injuries during installation
- Partition plates for optical separation and reinforcement of insulation

General ordering data

Type	TOZ 24VDC EMPTY	Version
Order No.	1127740000	TERMSERIES, Relay socket, Rated control voltage: 24 V DC $\pm 20\%$,
GTIN (EAN)	4032248909421	Rated switching voltage: 230 V AC, Continuous current: 16 A,
Qty.	10 ST	Tension-clamp connection

Screw connection



TERMSERIES empty sockets with:

- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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	TOS 24-230VUC EMPTY	Version
Order No.	1127730000	TERMSERIES, Relay socket, Rated control voltage: 24...230 V UC $\pm 10\%$,
GTIN (EAN)	4032248909254	Rated switching voltage: 230 V AC, Continuous current: 16 A,
Qty.	10 ST	Screw connection

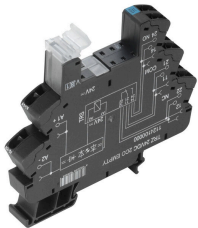
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Counterpart

Tension clamp connection



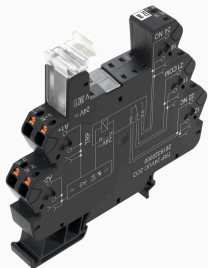
TERMSERIES empty sockets with:

- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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	TOZ 24-230VUC EMPTY	Version	
Order No.	1127750000	TERMSERIES, Relay socket, Rated control voltage: 24...230 V UC ±10	
GTIN (EAN)	4032248909223	% , Rated switching voltage: 230 V AC, Continuous current: 16 A,	
Qty.	10 ST	Tension-clamp connection	

PUSH IN connection



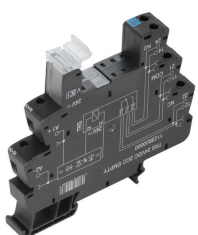
TERMSERIES empty sockets with:

- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, 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	TOP 24VDC EMPTY	Version	
Order No.	2618740000	TERMSERIES, Relay socket, Rated control voltage: 24 V DC ±20 % ,	
GTIN (EAN)	4050118670097	Rated switching voltage: 230 V AC, Continuous current: 16 A, PUSH	
Qty.	10 ST	IN	
Type	TOP 24-230VUC EMPTY ED2	Version	
Order No.	2663110000	TERMSERIES, Relay socket, Rated control voltage: 24...230 V UC ±10	
GTIN (EAN)	4050118697964	% , Rated switching voltage: 250 V AC, Continuous current: 16 A,	
Qty.	10 ST	PUSH IN	

Screw connection



TERMSERIES empty sockets with:

- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages from 5 V DC to 230 V UC with coloured marking: AC: red, DC: blue, UC: white
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Counterpart

General ordering data

Type	TOS 24-230VUC EMPTY ED2	Version
Order No.	2662950000	TERMSERIES, Relay socket, Rated control voltage: 24...230 V UC ±10
GTIN (EAN)	4050118698121	%, Rated switching voltage: 250 V AC, Continuous current: 16 A,
Qty.	10 ST	Screw connection