

**SSS RELAIS 5V/230V 1AAC****Weidmüller Interface GmbH & Co. KG**

Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://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: 2.5 V DC...5 V DC...6 V DC, Rated switching voltage: 24...240 V AC, Continuous current: 1 A, Plug-in connection
Order No.	<a href="#">1132260000</a>
Type	SSS RELAIS 5V/230V 1AAC
GTIN (EAN)	4050118049374
Qty.	20 items

# SSS RELAIS 5V/230V 1AAC

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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	28 mm	Height (inches)	1.1024 inch
Width	5 mm	Width (inches)	0.1968 inch
Net weight	5.2 g		

### Temperatures

Storage temperature	-40 °C...70 °C	Ambient temperature	-20 °C...60 °C
Operating temperature		Humidity	40 °C / 93 % rel. humidity, no condensation

### Probability of failure

MTTF	1162 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	2.5 V DC...5 V DC...6 V DC	Nominal control current	15 mA DC ( $\pm 10\%$ )
Power rating	80 mW	Status indicator	No

### Load side

Rated switching voltage	24...240 V AC	Continuous current	1 A
Rated switching current	1 A	Inrush current	15 A / 10 ms
Switch-on delay	<11 ms	Switch-off delay	<11 ms
Voltage drop at max. load	≤ 1 V	Leakage current	<1.5 mA
Min. switching current	20 mA	Short-circuit-proof	No
Protective circuit, load side	RC element	Contact type	1 NO contact (Triac (zero-cross switch))

Output voltage frequency range	50 / 60 Hz
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### General data

Colour	black
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### Insulation coordination

Clearance and creepage distances for control side - load side	≥ 5.5 mm	Dielectric strength for control side - load side	2.5 kVeff
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### Connection data

Wire connection method	Plug-in connection
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**Technical data****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		

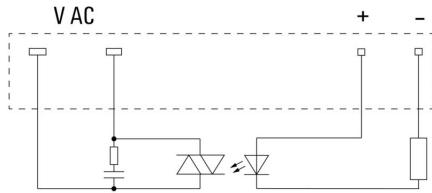
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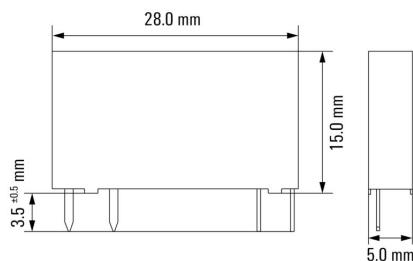
## Drawings

### Wiring diagram

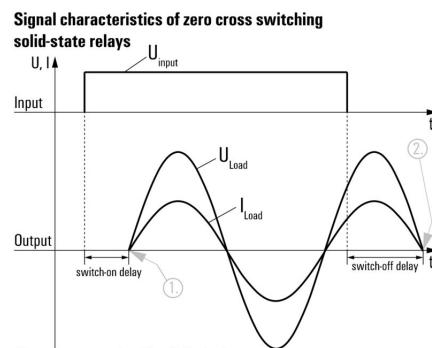


View of pins from below

### Dimensional drawing



## Graph



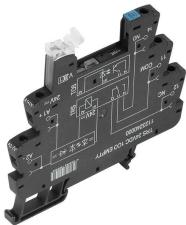
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## Counterpart

## Screw connection



TERMSERIES empty sockets with:

- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages 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 5VDC 1CO EMPTY	Version
Order No.	<a href="#">1123220000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905379	control voltage: 5 V DC ±20 %, Continuous current: 10 A, Screw
Qty.	10 ST	connection

## Tension clamp connection



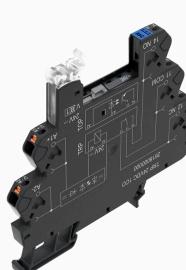
TERMSERIES empty sockets with:

- 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 5VDC 1CO EMPTY	Version
Order No.	<a href="#">1123340000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4032248905645	control voltage: 5 V DC ±20 %, Continuous current: 10 A, Tension-
Qty.	10 ST	clamp 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 5VDC 1CO EMPTY	Version
Order No.	<a href="#">2614870000</a>	TERMSERIES, Relay socket, Number of contacts: 1, CO contact, Rated
GTIN (EAN)	4050118671032	control voltage: 5 V DC ±20 %, Continuous current: 10 A, PUSH IN
Qty.	10 ST	