

**SSS RELAIS 5V/24V 0,1ADC**

**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: 2.5 V DC...5 V DC...6 V DC , Rated switching voltage: 0...48 V DC, Continuous current: 0.1 A, Plug-in connection
Order No.	<a href="#">4064320000</a>
Type	SSS RELAIS 5V/24V 0,1ADC
GTIN (EAN)	4032248365531
Qty.	20 items

## SSS RELAIS 5V/24V 0,1ADC

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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	3.29 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	4491 a
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## Environmental Product Compliance

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

## Control side

Rated control voltage	2.5 V DC...5 V DC...6 V DC	Rated control voltage (control input)	2.5 V DC...5 V DC...6 V DC
Nominal control current	4.1 mA DC (±10%)	Power rating	20 mW
Status indicator	No		

## Load side

Rated switching voltage	0...48 V DC	Continuous current	0.1 A
Rated switching current	100 mA/ DC	Switch-on delay	<35 µs
Switch-off delay	<355 µs	Voltage drop at max. load	≤ 1 V
Leakage current	<10 µA	Min. switching current	500 µA
Short-circuit-proof	No	Protective circuit, load side	Free-wheeling diode
Contact type	1 NO contact (Bipolar transistor)		

## 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		

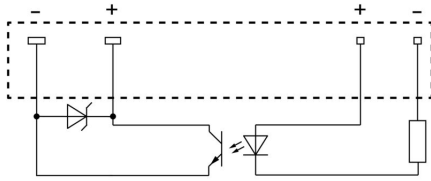
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**Drawings**

**Wiring diagram**



View of pins from below

**Dimensional drawing**



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## Counterpart

## Screw connection



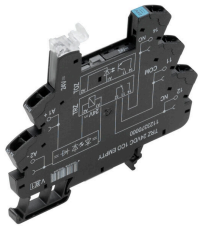
TERMSERIES empty sockets with:

- 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 control voltage: 5 V DC $\pm 20\%$ , Continuous current: 10 A, Screw connection	
GTIN (EAN)	4032248905379		
Qty.	10 ST		

## Tension clamp connection



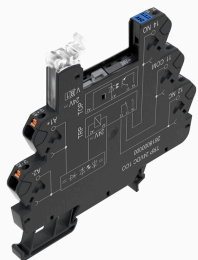
TERMSERIES empty sockets with:

- 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 control voltage: 5 V DC $\pm 20\%$ , Continuous current: 10 A, Tension-clamp connection	
GTIN (EAN)	4032248905645		
Qty.	10 ST		

## 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 control voltage: 5 V DC $\pm 20\%$ , Continuous current: 10 A, PUSH IN	
GTIN (EAN)	4050118671032		
Qty.	10 ST		