Data sheet

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.	4064320000
Type	SSS RELAIS 5V/24V 0,1ADC
GTIN (EAN)	4032248365531
Qty.	20 items

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Technical data

Approvals

ROHS	Conform

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

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

Insulation coordination

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

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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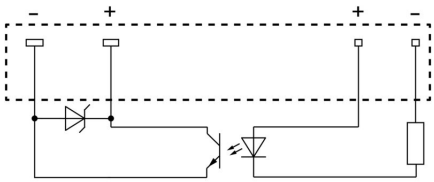
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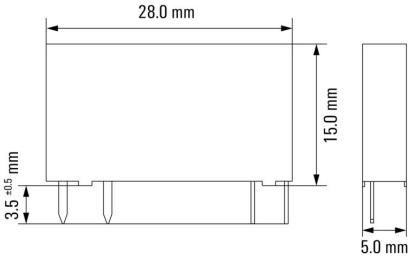
Drawings

Wiring diagram



View of pins from below

Dimensional drawing



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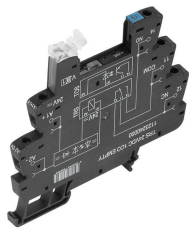
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Counterpart

Screw connection

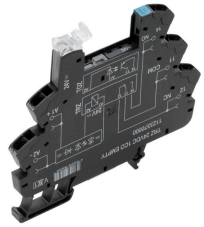


TERMSERIES empty sockets with:
- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages with coloured marking: DC: blue, UC: white
- Due to high-quality design and no sharp edges no risk of injuries during installation
- Partition plates for optical separation and reinforcement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

General ordering data

Type	TRS 5VDC 1CO EMPTY	Version
Order No.	1123220000	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

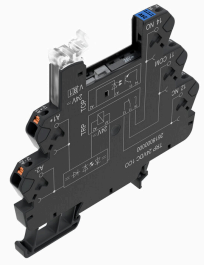


TERMSERIES empty sockets with:
- 1 CO contact
- Unique multi-voltage input from 24 to 230 V UC
- Input voltages with coloured marking: DC: blue, UC: white
- Due to high-quality design and no sharp edges no risk of injuries during installation
- Partition plates for optical separation and reinforcement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

General ordering data

Type	TRZ 5VDC 1CO EMPTY	Version
Order No.	1123340000	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.	2614870000	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	

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