

TERMSERIES SSS RELAIS 5V/230V 1AAC

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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www.weidmueller.com



Similar to illustration

TERMSERIES accessories include:

- Spare relay
- Base
- Partition plates
- Cross-connections
- Power-feed modules

General ordering data

Type	SSS RELAIS 5V/230V 1AAC
Order No.	1132260000
Version	TERMSERIES, solid-state relays, 1 NO contact (Triac (zero-cross switch)), 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
GTIN (EAN)	4050118049374
Qty.	20 pc(s).

Creation date May 1, 2020 11:37:45 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

TERMSERIES
SSS RELAIS 5V/230V 1AAC

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Technical data**Dimensions and weights**

Width	5 mm	Width (inches)	0.197 inch
Height	28 mm	Height (inches)	1.102 inch
Depth	15 mm	Depth (inches)	0.591 inch
Net weight	5.2 g		

Temperatures

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

Probability of failure

MTTF	1,162 Years
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Control side

Rated control voltage	2.5 V DC...5 V DC...6 V DC	Nominal control current	15 mA DC (±10%)
Power rating	80 mW	Status indicator	No

Load side

Rated switching voltage	24...240 V AC	Continuous 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
Output voltage frequency range	50 / 60 Hz		

Contact data

Contact type	1 NO contact (Triac (zero-cross switch))
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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 kV _{eff}
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Connection data

Wire connection method	Plug-in connection
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Classifications

ETIM 6.0	EC001504	ETIM 7.0	EC001504
eClass 9.0	27-37-16-04	eClass 9.1	27-37-16-04
eClass 10.0	27-37-16-04	UNSPSC	30-21-18-01

Data sheet**TERMSERIES
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Technical data**Approvals**

Approvals



ROHS

Conform

Downloads

Brochure/Catalogue	CAT 4.2 ELECTR 18/19 EN
Engineering Data	WSCAD
Engineering Data	STEP

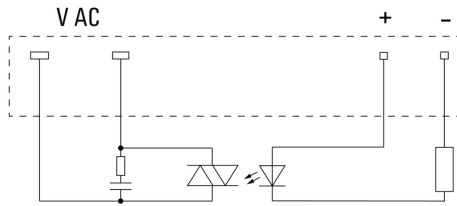
Data sheet

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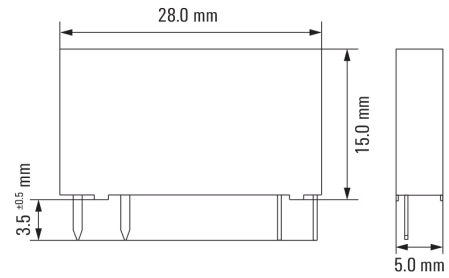
Drawings

Wiring diagram



View of pins from below

Dimensional drawing

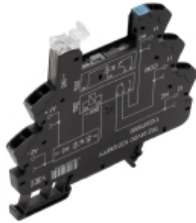


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Mating connector (fully pluggable)

PUSH IN connection



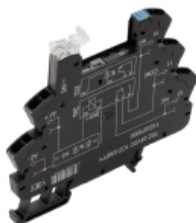
TERMSERIES accessories include:

- Spare relay
- Base
- Partition plates
- Cross-connections
- Power-feed modules

General ordering data

Type	TRP 5VDC 1CO EMPTY	Version
Order No.	2614870000	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated
GTIN (EAN)	4050118671032	control voltage: 5 V DC ± 20 %, Continuous current: 10 A, PUSH IN
Qty.	10 pc(s).	with actuator

Tension clamp connection



TERMSERIES accessories include:

- Spare relay
- Base
- Partition plates
- Cross-connections
- Power-feed modules

General ordering data

Type	TRZ 5VDC 1CO EMPTY	Version
Order No.	1123340000	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated
GTIN (EAN)	4032248905645	control voltage: 5 V DC ± 20 %, Continuous current: 10 A, Tension-clamp connection
Qty.	10 pc(s).	

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Mating connector (fully pluggable)**Screw connection**

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- Power-feed modules

General ordering data

Type	TRS 5VDC 1CO EMPTY	Version
Order No.	1123220000	TERMSERIES, Relay bases, Number of contacts: 1 CO contact, Rated
GTIN (EAN)	4032248905379	control voltage: 5 V DC \pm 20 %, Continuous current: 10 A, Screw
Qty.	10 pc(s).	connection