

TERMSERIES
SSR 24VDC/MAX.240VAC 1A**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



TERMSERIES accessories include:

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

General ordering data

Type	SSR 24VDC/MAX.240VAC 1A
Order No.	1132290000
Version	TERMSERIES, solid-state relays, 1 NO contact (Triac (zero-cross switch)), Rated control voltage: 10...32 V DC, Rated switching voltage: 12...275 V AC, Continuous current: 1 A, Plug-in connection
GTIN (EAN)	4050118049381
Qty.	20 pc(s).

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Technical data
Dimensions and weights

Width	12.7 mm	Width (inches)	0.5 inch
Height	29 mm	Height (inches)	1.142 inch
Depth	15 mm	Depth (inches)	0.591 inch
Net weight	5.2 g		

Temperatures

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	1,150 Years
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Control side

Rated control voltage	10...32 V DC	Nominal control current	3...13 mA
Cut-in / dropout voltage	10 V / 8 V DC	Status indicator	No

Load side

Rated switching voltage	12...275 V AC	Continuous current	1 A
Inrush current	15 A / 10 ms	Switch-on delay	≤ 10 ms
Switch-off delay	≤ 10 ms	Voltage drop at max. load	≤ 1 V
Leakage current	< 1.5 mA	Min. switching current	50 mA
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

Dielectric strength for control side - load side	2.5 kV _{eff}
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Connection data

Wire connection method	Plug-in connection	Pitch in mm (P)	5 mm
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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		

Data sheet**TERMSERIES**
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Approvals



ROHS

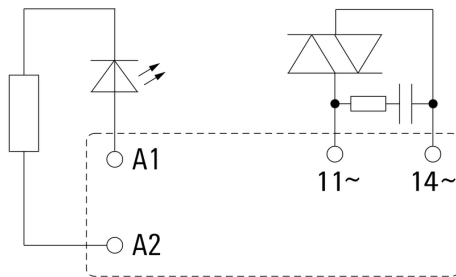
Conform

Downloads

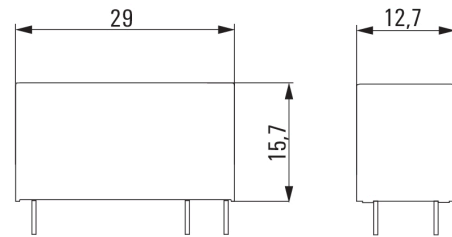
Brochure/Catalogue	CAT 4.2 ELECTR 18/19 EN
Engineering Data	EPLAN_WSCAD
Engineering Data	STEP

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Drawings**Wiring diagram**

View of pins from below

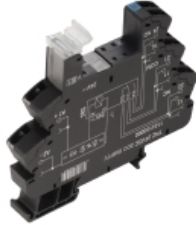
Dimensional drawing

TERMSERIES SSR 24VDC/MAX.240VAC 1A

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Mating connector (fully pluggable)

PUSH IN connection



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General ordering data

Type	TOP 24VDC EMPTY	Version
Order No.	2618740000	TERMSERIES, Relay bases, 1 NO contact (), Rated control voltage: 24
GTIN (EAN)	4050118670097	V DC ±20 % , Rated switching voltage: 250 V AC, Continuous current:
Qty.	10 pc(s).	16 A, PUSH IN with actuator

Tension clamp connection



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- Power-feed modules

General ordering data

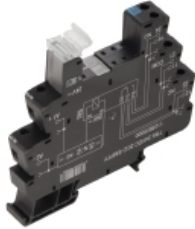
Type	TOZ 24VDC EMPTY	Version
Order No.	1127740000	TERMSERIES, Relay bases, Rated control voltage: 24 V DC ±20
GTIN (EAN)	4032248909421	% , Rated switching voltage: 250 V AC, Continuous current: 16 A,
Qty.	10 pc(s).	Tension-clamp connection
Type	TOZ 24-230VUC EMPTY	Version
Order No.	1127750000	TERMSERIES, Relay bases, Rated control voltage: 24...230 V UC ±10
GTIN (EAN)	4032248909223	% , Rated switching voltage: 250 V AC, Continuous current: 16 A,
Qty.	10 pc(s).	Tension-clamp connection

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Mating connector (fully pluggable)

Screw connection



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General ordering data

Type	TOS 24-230VUC EMPTY	Version
Order No.	1127730000	TERMSERIES, Relay bases, 1 NO contact (), Rated control voltage: 24...
GTIN (EAN)	4032248909254	230 V UC ±10 % , Rated switching voltage: 250 V AC, Continuous
Qty.	10 pc(s).	current: 16 A, Screw connection
Type	TOS 24VDC EMPTY	Version
Order No.	1127720000	TERMSERIES, Relay bases, 1 NO contact (), Rated control voltage: 24
GTIN (EAN)	4032248909377	V DC ±20 % , Rated switching voltage: 250 V AC, Continuous current:
Qty.	10 pc(s).	16 A, Screw connection