

SSR 10-32VDC/0-35VDC 5A**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: 10...32 V DC , Rated switching voltage: 0...35 V DC, Continuous current: 5 A, Plug-in connection
Order No.	1421450000
Type	SSR 10-32VDC/0-35VDC 5A
GTIN (EAN)	4050118235302
Qty.	20 pc(s).

Creation date September 16, 2022 5:13:13 AM CEST

Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	15.7 mm	Depth (inches)	0.618 inch
Height	29 mm	Height (inches)	1.142 inch
Width	12.7 mm	Width (inches)	0.5 inch
Net weight	9.87 g		

Temperatures

Storage temperature	-40 °C...100 °C	Operating temperature	-20 °C...80 °C
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Probability of failure

MTTF	1,099 Years
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Control side

Rated control voltage	10...32 V DC	Nominal control current	3...13 mA
Pull-in/drop-out voltage, typ.	10 V / 8.5 V DC	Status indicator	No

Load side

Rated switching voltage	0...35 V DC	Continuous current	5 A
Rated switching current	5 A	Switch-on delay	< 55 µs
Switch-off delay	< 310 µs	Voltage drop at max. load	≤ 0.3 V
Leakage current	< 20 µA	Min. switching current	1 mA
Protective circuit, load side	Free-wheeling diode	Contact type	1 NO contact (MOS-FET)

General data

Colour	black
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Insulation coordination

Dielectric strength for control side - load side	2.5 kV _{eff}	Impulse withstand voltage	2.5 kV
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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
ETIM 8.0	EC001504	ECLASS 9.0	27-37-16-04
ECLASS 9.1	27-37-16-04	ECLASS 10.0	27-37-16-04
ECLASS 11.0	27-37-16-04	ECLASS 12.0	27-37-16-04

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format

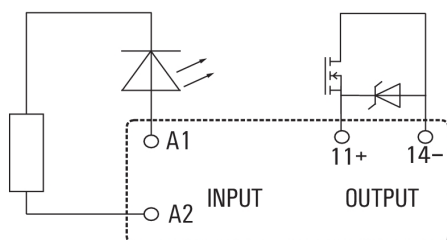
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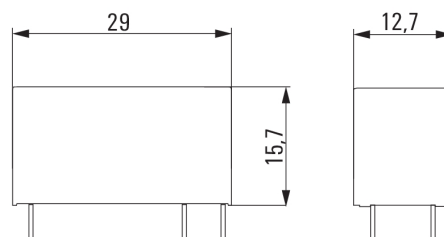
Drawings

Wiring diagram



View of pins from below

Dimensional drawing



Mouser Electronics

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