

SSR 10-32VDC/0-35VDC 5A

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



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 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	15.7 mm	Depth (inches)	0.6181 inch
Height	29 mm	Height (inches)	1.1417 inch
Width	12.7 mm	Width (inches)	0.5 inch
Net weight	9.87 g		

Temperatures

Storage temperature	-40 °C...100 °C	Ambient temperature	-20 °C...80 °C
Operating temperature			

Probability of failure

MTTF	1099 a
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Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Control side

Rated control voltage	10...32 V DC	Nominal control current	3...13 mA
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 kVeff	Impulse withstand voltage	2.5 kV
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Connection data

Wire connection method	Plug-in connection	Pitch in mm (P)	5.00 mm
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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		

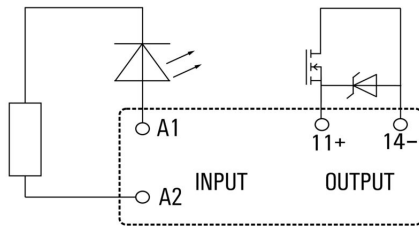
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Drawings

Wiring diagram



View of pins from below

Dimensional drawing

