

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).

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

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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
---------------------	-----------------	-----------------------	----------------

Probability of failure

MTTF	1,099 Jahre
------	-------------

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
--------	-------

Insulation coordination

Dielectric strength for control side - load side	2.5 kV _{eff}	Impulse withstand voltage	2.5 kV
--	-----------------------	---------------------------	--------

Connection data

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

Classifications

ETIM 6.0	EC001504	ETIM 7.0	EC001504
ETIM 8.0	EC001504	ETIM 9.0	EC001504
ETIM 10.0	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
ECLASS 13.0	27-37-16-04	ECLASS 14.0	27-37-16-04
ECLASS 15.0	27-37-16-04		

Environmental Product Compliance

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

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

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

ROHS

Conform

Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

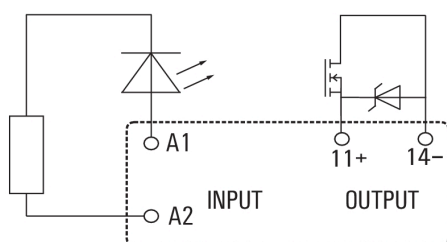
SSR 10-32VDC/0-35VDC 5A

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

www.weidmueller.com

Drawings

Wiring diagram



View of pins from below

Dimensional drawing

