

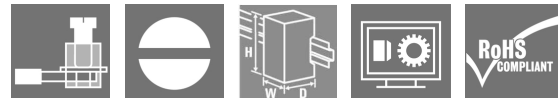
RSO 30/DV 5-24V CC/SC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**General ordering data**

Version	RS-SERIES, solid-state relays, 1 NO contact (Bipolar transistor), Rated control voltage: 5...24 V DC $\pm 20\%$, Rated switching voltage: 2...60 V DC, Continuous current: 3 A, Screw connection
Order No.	9443100000
Type	RSO 30/DV 5-24V CC/SC
GTIN (EAN)	4032248254262
Qty.	20 pc(s).

Creation date March 30, 2021 1:04:54 AM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	54 mm	Depth (inches)	2.126 inch
Height	80 mm	Height (inches)	3.15 inch
Net weight	38.3 g	Width	11 mm
Width (inches)	0.433 inch		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...40 °C
Humidity	40 °C / 93 % rel. humidity, no condensation		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Control side

Nominal control current	5 mA DC	Rated control voltage	5...24 V DC ± 20 %
Status indicator	Green LED		

Load side

Continuous current	3 A	Leakage current	≤ 1 mA
Min. switching current	5 mA	Protective circuit, load side	Free-wheeling diode
Short-circuit-proof	No	Voltage drop at max. load	1.6 V
max. switching frequency (DC control voltage)	500 Hz		

Contact data

Contact type	1 NO contact (Bipolar transistor)
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General data

Rail	TS 32, TS 35	Colour	orange
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Insulation coordination

Clearance and creepage distances for control side - load side	≥ 8 mm	Impulse withstand voltage	4 kV
Pollution severity	2	Rated voltage	300 V
Surge voltage category	III		

Further details of approvals / standards

Standards	DIN EN 50178
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Connection data

Wire connection method	Screw connection	Clamping range, rated connection	2.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²

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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	ECLASS 11.0	27-37-16-04

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PA_5600_160311_001.pdf
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD

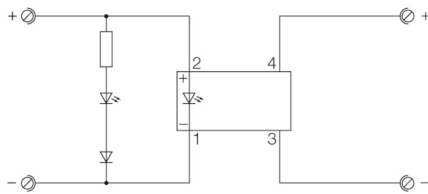
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Drawings

Wiring diagram



Schaltsymbol