

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

General ordering data

Version	RS-SERIES, Solid-state relay, Rated control voltage: 5...24 V DC $\pm 20\%$, Rated switching voltage: 24...250 V AC, Continuous current: 3 A, Screw connection
Order No.	9443110000
Type	RSO 30/DV 5-24V CC/SA
GTIN (EAN)	4032248254279
Qty.	20 pc(s).

Creation date September 14, 2022 10:17:12 PM CEST

Catalogue status 09.09.2022 / 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
Width	11 mm	Width (inches)	0.433 inch
Net weight	36.09 g		

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	SCIP	Obb6ffa8-5128-4851-8566-612c40f2
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Control side

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

Load side

Rated switching voltage	24...250 V AC	Continuous current	3 A
Rated switching current	3 A	Voltage drop at max. load	1.6 V
Leakage current	≤ 1 mA	Min. switching current	50 mA
Short-circuit-proof	No	Protective circuit, load side	Varistor
Contact type	1 NO contact (Triac (zero-cross switch))	max. switching frequency (DC control voltage)	10 Hz

General data

Rail	TS 32, TS 35	Colour	orange
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Insulation coordination

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

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

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

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Technical data

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Approvals



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Engineering Data

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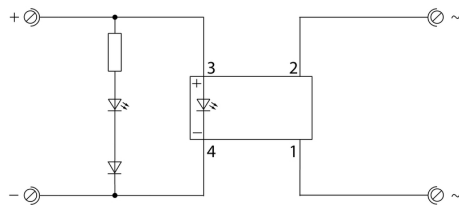
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Drawings

Wiring diagram



Schaltsymbol