

**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 relay, Rated control voltage: 5...24 V DC $\pm 20\%$ , Rated switching voltage: 2...60 V DC, Continuous current: 3 A, Screw connection
Order No.	<a href="#">9443100000</a>
Type	RSO 30/DV 5-24V CC/SC
GTIN (EAN)	4032248254262
Qty.	20 pc(s).

Creation date 22 October 2022 09:55:23 CEST

Catalogue status 07.10.2022 / 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	38.3 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	2...60 V DC	Continuous current	3 A
Rated switching current	3 A	Switch-on delay	< 300 µs
Switch-off delay	< 1 ms	Voltage drop at max. load	1.6 V
Leakage current	≤ 1 mA	Min. switching current	5 mA
Short-circuit-proof	No	Protective circuit, load side	Free-wheeling diode
Contact type	1 NO contact (Bipolar transistor)	max. switching frequency (DC control voltage)	500 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 <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping range, max.	2.5 mm <sup>2</sup>

**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

### Approvals

Approvals



ROHS

Conform

### Downloads

Approval/Certificate/Document of  
Conformity

[DE\\_PA\\_5600\\_160311\\_001.pdf](#)

Engineering Data

[CAD data – STEP](#)

Engineering Data

[EPLAN, WSCAD](#)

Catalogues

[Catalogues in PDF-format](#)

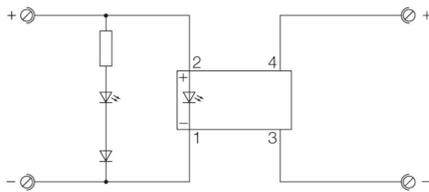
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**Drawings**

**Wiring diagram**



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