

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

Klingenbergstraße 16

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Germany

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www.weidmueller.com



Optos are available in different forms – from modular terminal enclosures to plug-in bases for terminal rail mounting.

For contactless switching and amplification of digital signals in automation engineering

Based on a wide enclosure platform, Weidmüller has the optimum component for every application.

Weidmüller solid-state relays and optos are available with rated voltages of 5...230 V on the input side.

Optional DC and AC outputs enable the switching of loads in the most diverse applications.

General ordering data

Order No.	9443100000
Type	RSO 30/DV 5-24V CC/SC
Version	Solid-state relay, Rated control voltage: 5...24 V DC $\pm 20\%$, Rated switching voltage: 2...60 V DC, Rated switching current: 3 A, Screw connection
GTIN (EAN)	4032248254262
Qty.	20 pc(s).

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Technical data
Dimensions and weights

Width	11 mm	Height	80 mm
Depth	54 mm	Net weight	39 g

Temperatures

Operating temperature	-25 °C...+40 °C	Storage temperature	-40 °C...+85 °C
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Connection data

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

Control side

Rated control voltage	5...24 V DC ±20 %	Nominal control current	5 mA DC
Rated auxiliary voltage	No		

Load side

Rated switching voltage	2...60 V DC	Rated switching current	3 A
Switch-on delay	0.1 ms	Switch-off delay	0.75 ms
Load side status indicator	LED green	Short-circuit-proof	No
Rated auxiliary voltage	No		

General data

No. of poles	1	Conductor connection system	Screw connection
Humidity	40 °C / 93 % rel. humidity, no condensation	Standards	DIN EN 50178

Insulation coordination

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

Further details of approvals

Standards	DIN EN 50178
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Classifications

ETIM 3.0	EC001504	UNSPSC	30-21-18-01
eClass 5.1	27-27-09-90	eClass 6.0	27-27-09-90
eClass 7.0	27-27-09-90		

Approvals

Approvals



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Technical data

Downloads

Declaration of Conformity

[K242_10_09.pdf](#)

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