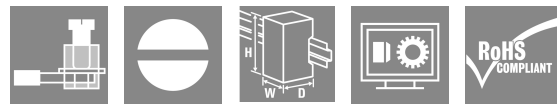
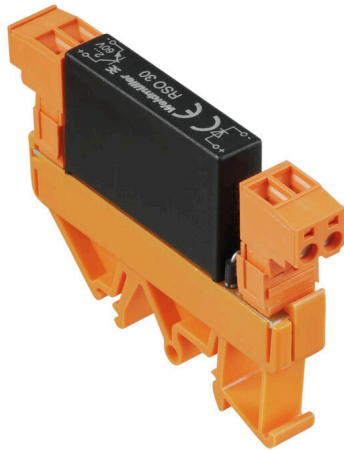


## RSO 30/DV 5-24V CC/SC

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

[www.weidmueller.com](http://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="#">9443 100000</a>
Type	RSO 30/DV 5-24V CC/SC
GTIN (EAN)	4032248254262
Qty.	20 items
Delivery status	Discontinued
Available until	2023-08-31T00:00:00+02:00
Alternative product	<a href="#">TOPL 5-24VDC 48VDC4A</a>

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

 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

[www.weidmueller.com](http://www.weidmueller.com)
**Technical data**
**Approvals**

Approvals


 ROHS Conform
**Dimensions and weights**

Depth	54 mm	Depth (inches)	2.126 inch
Height	80 mm	Height (inches)	3.1496 inch
Width	11 mm	Width (inches)	0.4331 inch
Net weight	38.3 g		

**Temperatures**

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

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption		
RoHS Exemption (if applicable/known)	7a		
REACH SVHC	Lead 7439-92-1		
SCIP	0bb6ffa8-5128-4851-8566-612c40f2c637		

**Control side**

Rated control voltage	5...24 V DC ±20 %	Nominal control current	5 mA DC
Status indicator	Green LED	Input frequency	500 Hz

**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**

Mounting rail	TS 32, TS 35	Colour	orange
---------------	--------------	--------	--------

**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		

**RSO 30/DV 5-24V CC/SC**

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

[www.weidmueller.com](http://www.weidmueller.com)

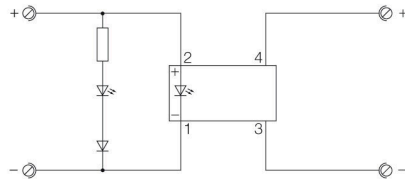
**Technical data****Connection data**

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

**Wiring diagram**



Schaltssymbol