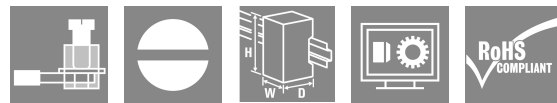
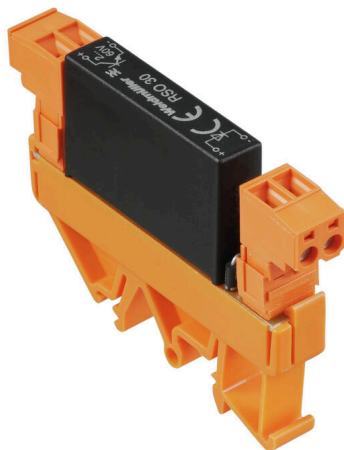


RSO 30/DV 5-24V CC/SA

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 items
Delivery status	Discontinued
Available until	2023-08-31T00:00:00+02:00
Alternative product	

RSO 30/DV 5-24V CC/SA

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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	36.09 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 \pm 20 %	Nominal control current	5 mA DC
Status indicator	Green LED	Input frequency	10 Hz

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	\leq 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

Mounting 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	\geq 8 mm
Impulse withstand voltage	4 kV		

Connection data

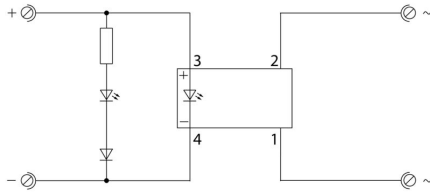
Wire connection method	Screw connection	Clamping range, rated connection	2.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²

Technical data

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



Schaltsymbol