

## OV-24DC/ 60DC/4

Order No.: 2982647



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2982647>

Solid-state relay, for signal amplification and isolation of the control and load circuits, can be plugged in the solderable plug-in bases SIM-AMS or with PCB connection for mounting directly onto the PCB, input: 4.25-32 V DC, output: 1-60 V DC/4 A

### Commercial data

EAN	4046356131971
Pack	10 pcs.
Customs tariff	85362010
Weight/Piece	0.0247 KG
Catalog page information	Page 311 (IF-2009)

### Product notes

WEEE/RoHS-compliant since:  
03/18/2008



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### Technical data

#### Input data

Nominal input voltage $U_N$	24 V DC
Input voltage range	4.25 V DC ... 32 V DC
Switching threshold "0" signal, voltage	< 1 V DC

Switching threshold "1" signal voltage	> 3.3 V DC
Typical input current at $U_N$	15 mA
Typical response time	< 100 $\mu$ s
Typical turn-off time	< 250 $\mu$ s
Transmission frequency	100 Hz

#### Output data

Output nominal voltage range	1 V DC ... 60 V DC
Limiting continuous current	4 A (see derating curve)
Min. load current	1 mA
Leakage current	100 $\mu$ A
Surge current	25 A ( $t_p = 1$ s)
Voltage drop at max. limiting continuous current	0.5 V
Output circuit	2-conductor
Name of protection	Polarity protection
Protective circuit/component	Polarity protection diode

#### General data

Width	10.5 mm
Height	25.4 mm
Depth	43 mm
Ambient temperature (operation)	-20 °C ... 80 °C
Ambient temperature (storage/transport)	-20 °C ... 80 °C
Mounting position	Any
Assembly instructions	Can be aligned with > 20 mm spacing
Operating mode	100% operating factor
Standards/regulations	EN 61000-4-2
	EN 61000-4-3
	EN 61000-4-4
	EN 55011
Rated surge voltage / insulation	Basic insulation

#### Certificates / Approvals

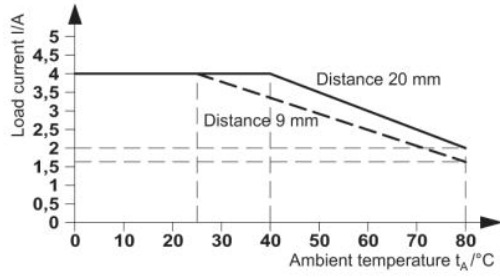


Certification

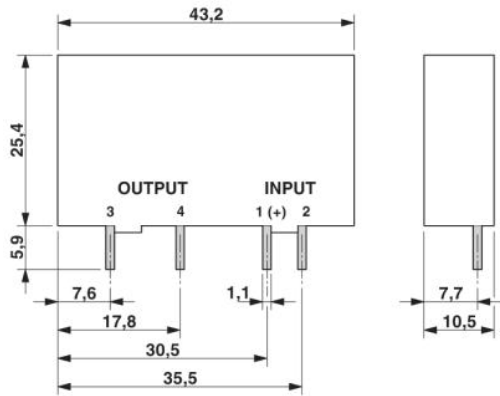
CUL, UL

**Drawings**

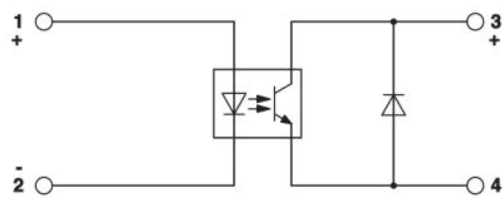
Diagram



Dimensioned drawing



Circuit diagram



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