

#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com











Compact and powerful solid-state relays in terminal block format

Saving space in the panel is becoming more and more important, and requires increasingly compact components. With the compact and powerful MICROOPTO solid-state relays, you benefit from our decades of experience in manufacturing

products in terminal block format. The MICROOPTO family comprises high-quality solid-state relays for application-specific problem solving and delivers high performance in a width of just 6.1 mm. The wide range of accessories from plug-in cross-connections to end-to-end marking solutions makes it particularly versatile. Thanks to international approvals, they can be used worldwide. Reliable function is ensured by the integrated protective suppressor circuit for inputs and outputs. The wide MICROOPTO portfolio includes a range of solutions for special loads. For example, for inductive loads up to 10 A at 24 V DC or for DC loads up to 300 V. In addition, there are solutions for decoupling 5 V TTL inputs and outputs, for frequencies up to 550 kHz, as well as the single CO contact version for inverting signals.

#### **General ordering data**

MICROOPTO, Feed-through terminal, Screw con-	
nection	
<u>8973450000</u>	
MOS FEED THROUGH	
4032248799534	
1 items	

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Catalogue status / Drawings





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# Technical data

Approvals			
Approvals	<b>(€</b>		
ROHS	Conform		
Dimensions and weights			
Depth	97.8 mm	Depth (inches)	3.8504 inch
Height	88.1 mm	Height (inches)	3.4685 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Net weight	30.5 g	width (inches)	0.2402 IIICII
Temperatures	2112		
Storage temperature	-40 °C80 °C	Operating temperature	-25 °C60 °C
Humidity	5 - 93% rel. humidity, Tu = 40°C, no condensation		
Environmental Product Comp	liance		'
RoHS Compliance Status	Commisse		
REACH SVHC	Compliant		
SCIP	Lead 7439-92-1 d32f8e61-6733-45d6-9062-c95f9903aad6		
Control side			
Status indicator	Green LED		
Load side			
Load category	LC A		
General data			
Mounting rail	TS 35		
Colour	black		
UL94 flammability rating component			
	UL94 flammability rating V-0		
Insulation coordination			
Rated voltage	300 V	Pollution severity	2
Surge voltage category	III	Clearance and creepage distances for control side - load side	> 3 mm
Impulse withstand voltage	4 kV (1.2/50 μs)	Protection degree	IP20
Connection data			
	_		_

Creation date 02.12.2025 09:28:24 MEZ

Stripping length, rated connection

Stripping length

Tightening torque, max.

Clamping range, min.

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Wire connection method

Clamping range, rated connection

Tightening torque, min.

Clamping range, max.

Screw connection

0.4 Nm

4 mm<sup>2</sup>

2.5 mm<sup>2</sup>

7 mm

7 mm

0.6 Nm

0.5 mm<sup>2</sup>





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# **Technical data**

Wire cross-section, solid, min.	0.5 mm <sup>2</sup>	Wire cross-section, solid, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm <sup>2</sup>
Blade size	0.6 x 3.5 mm		

#### Classifications

ETIM 6.0	EC002586	ETIM 7.0	EC002586
ETIM 8.0	EC002586	ETIM 9.0	EC002586
ETIM 10.0	EC002586	ECLASS 9.1	27-37-16-92
ECLASS 10.0	27-37-16-92	ECLASS 11.0	27-37-16-92
ECLASS 12.0	27-37-16-92	ECLASS 13.0	27-37-16-92
ECLASS 14.0	27-37-16-92	ECLASS 15.0	27-37-16-92

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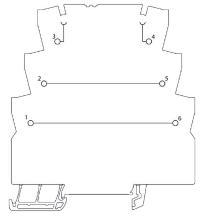
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# **Drawings**

### **Dimensional drawing**



Maßzeichnung

