Data sheet

MOS FEED THROUGH

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

Version	MICROOPTO, Feed-through terminal, Screw connection
Order No.	8973450000
Type	MOS FEED THROUGH
GTIN (EAN)	4032248799534
Qty.	1 items

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Technical data

Approvals

Approvals	
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		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-25 °C...60 °C
Humidity	5 - 93% rel. humidity, Tu = 40°C, no condensation		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	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	Component	Housing
	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

Stripping length	7 mm	Wire connection method	Screw connection
Stripping length, rated connection	7 mm	Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.6 Nm	Clamping range, rated connection	2.5 mm²
Clamping range, min.	0.5 mm²	Clamping range, max.	4 mm²

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Wire cross-section, solid, min.	0.5 mm²	Wire cross-section, solid, max.	4 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²	Wire connection cross section, finely stranded, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm²
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm²	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm²
Blade size	0.6 x 3.5 mm		

Classifications

ETIM 8.0	EC002586	ETIM 9.0	EC002586
ETIM 10.0	EC002586	ECLASS 14.0	27-37-16-92
ECLASS 15.0	27-37-16-92		

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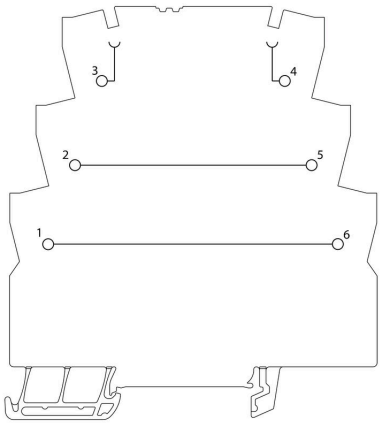
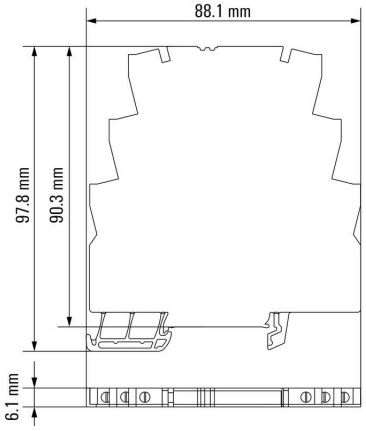
Drawings

Dimensional drawing



Maßzeichnung