



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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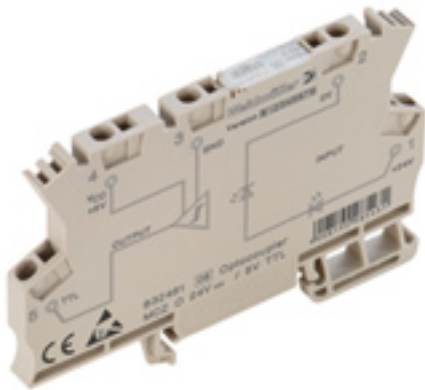
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MCZ SERIES

MCZ O TRAK 24.110VDC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



The MCZ O optos, with a width of only 6 mm, are the thinnest in their class.

They are distinguished by the following features:

- Tension clamp connection
 - Integrated cross-connection in input/output
- Clampable conductor cross-section is 0.5 to 1.5 mm².

General ordering data

Order No.	8820710000
Type	MCZ O TRAK 24.110VDC
Version	MCZ SERIES, Solid-state relay, Rated control voltage: 24...110 V DC -30 / +25 % , Rated switching voltage: 5...137.5 V DC, Rated switching current: 180 mA, Tension clamp connection
GTIN (EAN)	4032248522231
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Width	6 mm	Height	91 mm
Depth	63.2 mm	Net weight	23.9 g

Temperatures

Operating temperature	-25 °C...+70 °C	Storage temperature	-40 °C...+85 °C
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Probability of failure

MTTF	2,359 Years
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Connection data

Clamping range, rated connection	1.5 mm ²	Clamping range, rated connection, min.	0.5 mm ²
Clamping range, rated connection, max.	1.5 mm ²		

Control side

Rated control voltage	24...110 V DC -30 / +25 %	Nominal control current	2.8 mA DC
Input frequency	max. 10 Hz	Rated auxiliary voltage	No

Load side

Rated switching voltage	5...137.5 V DC	Rated switching current	180 mA
Switch-on delay	≤ 10 ms	Switch-off delay	50 ms
Protective circuit, load side	Varistor, integrated free-wheel diode	Voltage drop at max. load	≤ 1.7 V
Load side status indicator	LED green	Short-circuit-proof	No
Rated auxiliary voltage	No		

General data

Solid-state type	Transistor	No. of poles	1
Conductor connection system		Humidity	95 % for 30 days, minimal condensation to EN 50155
Standards	Tension clamp connection DIN EN 50178, EN 50155, UL508		

Insulation coordination

Rated voltage	300 V	Clearance and creepage distances for control side - load side	≥ 5.5 mm
Impulse withstand voltage	6 kV	Pollution severity	2
Surge voltage category	III		

Further details of approvals

Standards	DIN EN 50178, EN 50155, UL508
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Technical data**Classifications**

ETIM 3.0	EC001504	UNSPSC	30-21-18-01
eClass 5.1	27-27-09-90	eClass 6.0	27-27-09-90
eClass 7.0	27-37-16-04		

Approvals

Approvals

**Downloads**

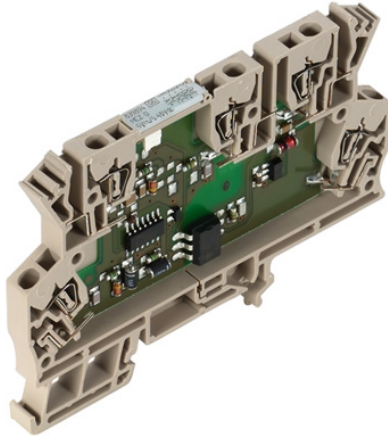
Declaration of Conformity [K287_04_11.pdf](#)
[3-D model](#)

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Drawings

Electric symbol



Derating curve

