



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!



## Contact us

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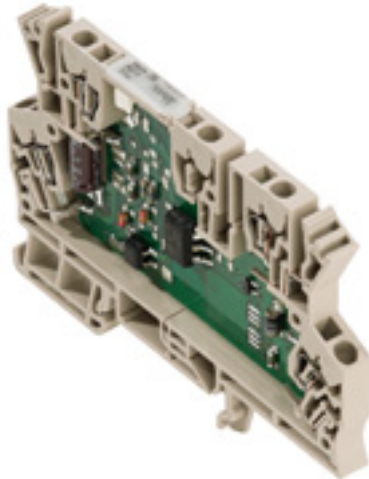
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**MCZ-SERIES**  
**MCZ TO 24VDC/50MS**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-2083  
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The MCZ TO timing relays, with a width of only 6 mm, are the thinnest in their class.

The MCZ series of timing relays can be used in a wide variety of applications. Their preferred use is for extending pulses in automation engineering.

They are characterised by the following features:

- Tension clamp connection
- Integrated cross-connection in input/output

Clampable conductor cross-section is 0.5 to 1.5 mm<sup>2</sup>.

**General ordering data**

Order No.	<a href="#">8324590000</a>
Part designation	MCZ TO 24VDC/50MS
Version	MCZ-SERIES, Relays, No. of contacts: 1, NO contact, Rated control voltage: 24 V DC ±10 %, Tension clamp connection
GTIN (EAN)	4008190985455
Qty.	10 pc(s).

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## Technical data

### Dimensions

Length	91 mm	Width	6 mm
Height	63.2 mm		

### Temperature

Ambient temperature (operational)	-25 °C...+50 °C	Storage temperature	-40 °C...+85 °C
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### Input

Rated voltage	300 V	Rated control voltage	24 V DC ±10 %
Rated current DC	6.7 mA ±10 %	Pull-in / drop-out current, DC coil	160mW ±10%
Power rating	160 mW	Min. pulse duration	2 ms
Time ranges	0.02		

### Output

Continuous current	0.1 A	Max. switching current	20 mA
Max. switching frequency at rated load	20 Hz	Switch-off delay	50 ms
Switching voltage DC, max.	48 V	making current	200 mA

### Contact data

Contact design	NO contact	No. of contacts	1
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### Rated data

Conductor connection system	Tension clamp connection	DIN Rail compatibility	TS 35
Humidity	40°C / 93% rel. humidity, no condensation	Solid, max.	1.5 mm <sup>2</sup>

### Insulation coordination (EN 50 178)

Clearance and creepage distances for control/load side	≥ 5.5 mm	Dielectric strength for control side - load side	4 kV
Impulse withstand voltage	6 kV	Overvoltage category	III
Pollution severity	2	Rated voltage	300 V

### Other technical data

Version	Timing relay
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### Approvals

Approvals institutes	CSA; CURUS; CE
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### Classifications

ETIM 2.0	EC001439	ETIM 3.0	EC001439
eClass 5.1	27-14-23-10	eClass 6.0	27-14-23-10

### Notes

Note, technical data	For mounting on TS 35
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