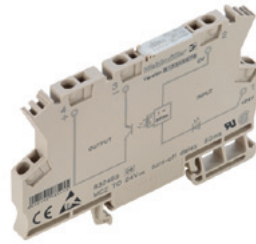


**MCZ SERIES timing relays**

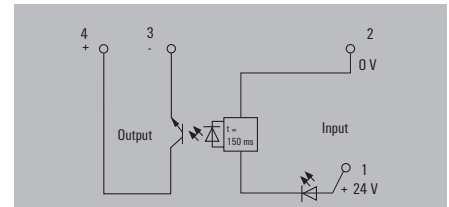
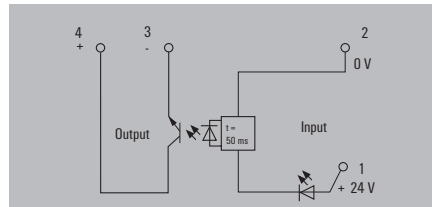
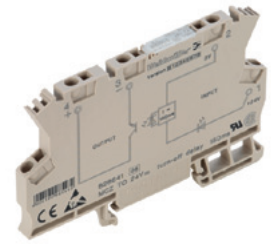
**Miniconditioner MCZ T0**

- Components for lengthening short pulses for the PLC
- Fixed switch-off delay
- Low input power
- Screw connection system
- Width 6 mm
- For mounting on TS 35

**24 V DC 50 ms**



**24 V DC 150 ms**



**Technical data**

<b>Input</b>	
Rated control voltage	24 V DC ±10 %
Rated current AC / DC	/ 6.7 mA ±10 %
Power rating	160 mW
Min. pulse duration	2 ms
Status indicator	Green LED
<b>Output</b>	
Max. switching voltage, DC	48 V
Continuous current	0.1 A
Switch-off delay	50 ms
Max. switching frequency at rated load	20 Hz
<b>Rated data</b>	
Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
Approvals	CE, CSA, cURus, GOSTME25
<b>Insulation coordination (EN 50178)</b>	
Rated voltage	300 V
Surge voltage category	III
Dielectric strength for control side - load side	
Dielectric strength input - output	1.2 kV <sub>eff</sub> / 5 s
Dielectric strength to mounting rail	4 kV <sub>eff</sub> / 1 min.
Clearance and creepage distances for control side - load side	
Creepage and clearance distance input - output	≥ 5.5 mm
Impulse withstand voltage	6 kV (1.2/50 µs)
Pollution severity	2

<b>Input</b>	
Rated control voltage	24 V DC ±10 %
Rated current AC / DC	/ 6.7 mA ±10 %
Power rating	160 mW
Min. pulse duration	2 ms
Status indicator	Green LED
<b>Output</b>	
Max. switching voltage, DC	48 V
Continuous current	0.1 A
Switch-off delay	150 ms
Max. switching frequency at rated load	5 Hz
<b>Rated data</b>	
Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
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Pollution severity	2

<b>Input</b>	
Rated control voltage	24 V DC ±10 %
Rated current AC / DC	/ 6.7 mA ±10 %
Power rating	160 mW
Min. pulse duration	2.5 ms
Status indicator	Green LED
<b>Output</b>	
Max. switching voltage, DC	48 V
Continuous current	0.1 A
Switch-off delay	150 ms
Max. switching frequency at rated load	5 Hz
<b>Rated data</b>	
Ambient temperature (operational)	-25 °C...+50 °C
Storage temperature	-40 °C...+85 °C
Humidity	40 °C / 93 % rel. humidity, no condensation
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Clearance and creepage distances for control side - load side	
Creepage and clearance distance input - output	≥ 5.5 mm
Impulse withstand voltage	6 kV (1.2/50 µs)
Pollution severity	2

**Dimensions**

Clamping range (nominal / min. / max.)	mm <sup>2</sup>	1.5 / 0.5 / 2.5
Depth x width x height	mm	63.2 / 6 / 91
<b>Note</b>		
For mounting on TS 35 rail		

Clamping range (nominal / min. / max.)	mm <sup>2</sup>	1.5 / 0.5 / 2.5
Depth x width x height	mm	63.2 / 6 / 91
<b>Note</b>		
For mounting on TS 35 rail		

Clamping range (nominal / min. / max.)	mm <sup>2</sup>	1.5 / 0.5 / 2.5
Depth x width x height	mm	63.2 / 6 / 91
<b>Note</b>		
For mounting on TS 35 rail		

**Ordering data**

Tension-clamp connection
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Type	Qty.	Order No.
MCZ T0 24VDC/50MS	10	8324590000

Type	Qty.	Order No.
MCZ T0 24VDC/150MS	10	8286410000

**Note**

**Accessories**

<b>Note</b>
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AP MCZ end plate 8389030000
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AP MCZ end plate 8389030000
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