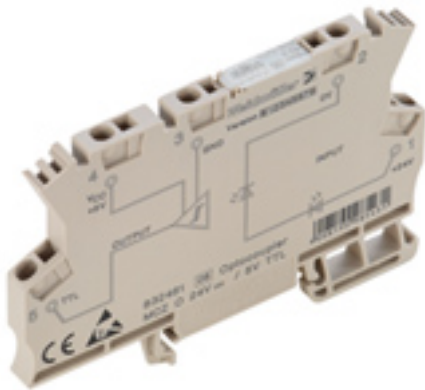


MCZ SERIES MCZ O 24VDC

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.	8324610000
Type	MCZ O 24VDC
Version	MCZ SERIES, Solid-state relay, Rated control voltage: 24 V DC \pm 16 % , Rated switching voltage: 5 V TTL, Rated switching current: 8 mA, fan out = 20 LS-TTL, Tension clamp connection
GTIN (EAN)	4008190985431
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...+40 °C	Storage temperature	-40 °C...+60 °C
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Probability of failure

MTTF	3,036 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 V DC ±16 %	Power rating	112 mW
Input frequency	100 kHz duty factor 1:2, 50 kHz duty factor 1:10	Rated auxiliary voltage	No

Load side

Rated switching voltage	5 V TTL	Rated switching current	8 mA, fan out = 20 LS-TTL
Switch-on delay	1 µs (at 20 V DC)	Switch-off delay	2.5 µs (at 28 V DC)
Protective circuit, load side	Diode	Load side status indicator	LED green
Short-circuit-proof	No	Rated auxiliary voltage	No

General data

Solid-state type	TTL	No. of poles	1
Conductor connection system	Tension clamp connection	Humidity	40 °C / 93 % rel. humidity, no condensation
Standards	DIN EN 50178, UL508	Wire cross-section, solid, max.	1.5 mm ²

Insulation coordination

Rated voltage	300 V	Clearance and creepage distances for control side - load side	≥ 5.5 mm
Dielectric strength to mounting rail	4 kV _{eff} / 1 min.	Impulse withstand voltage	6 kV
Pollution severity	2	Surge voltage category	III

Further details of approvals

Standards	DIN EN 50178, UL508
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Classifications

ETIM 2.0	EC001504	ETIM 3.0	EC001504
UNSPSC	30-21-18-01	eClass 4.1	27-27-09-00
eClass 5.1	27-27-09-90	eClass 6.0	27-27-09-90
eClass 7.0	27-37-16-04		

Data sheet...**MCZ SERIES
MCZ O 24VDC**

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Technical data**Approvals**

Approvals

**Downloads**

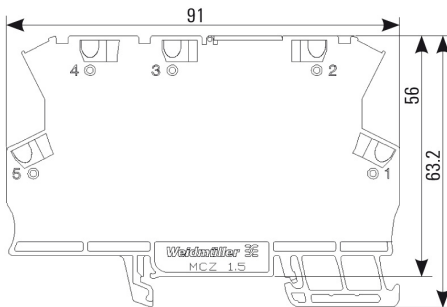
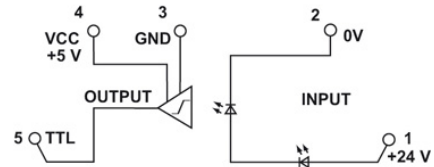
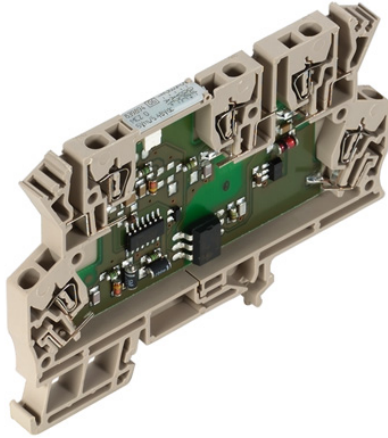
Declaration of Conformity [K120_12_09.pdf](#)
[3-D model](#)

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Drawings

Electric symbol



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Accessories
End plates


End plates: for electronic components with terminal-block design.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
8389030000	AP MCZ1.5	End plate, TERMINALBOX , End plate, Width: 1.5 mm	4008190386849	50 pc(s).

ZQV 4N


Weidmüller offers users of modular terminals of the Z-Series a comprehensive range of accessories that render possible appropriate solutions for all - even non-standard - tasks.

The accessories must comply with the same quality standards as the modular terminals themselves.

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1793960000	ZQV 4N/2 BL	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 2	4032248233755	60 pc(s).
1758250000	ZQV 4N/2 GE	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 2	4032248169795	60 pc(s).
1794060000	ZQV 4N/10 SW	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 10	4032248234059	20 pc(s).
1793970000	ZQV 4N/2 SW	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 2	4032248233762	60 pc(s).
1762630000	ZQV 4N/3 GE	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 3	4032248169788	60 pc(s).
1794000000	ZQV 4N/3 SW	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 3	4032248233793	60 pc(s).
1794040000	ZQV 4N/10 RT	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 10	4032248234004	20 pc(s).

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Accessories

1794010000 ZQV 4N/4 RT	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 4	4032248233809 60 pc(s).
1794020000 ZQV 4N/4 BL	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 4	4032248233816 60 pc(s).
1794050000 ZQV 4N/10 BL	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 10	4032248234011 20 pc(s).
1793990000 ZQV 4N/3 BL	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 3	4032248233786 60 pc(s).
1794030000 ZQV 4N/4 SW	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 4	4032248233915 60 pc(s).
1762620000 ZQV 4N/4 GE	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 4	4032248169771 60 pc(s).
1758260000 ZQV 4N/10 GE	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 10	4032248169764 20 pc(s).
1793950000 ZQV 4N/2 RT	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 2	4032248233748 60 pc(s).
1793980000 ZQV 4N/3 RT	Z-series, Accessories, Cross-connector, For the terminals, No. of poles: 3	4032248233779 60 pc(s).

Blank


WS markers are the perfect match for the connectors of the W series. But thanks to their system compatibility the WS tags can also be used with the I series and the Z series. The large areas for printing permit not only long character strings but also multiple lines.

WS markers are ideal for labels with long, bespoke character strings. The tried-and-tested MultiCard format means that printing can be carried out with **laser** printers, **PrintJet**, **plotters** or the **MC-Mobilo**.

- Can be fitted in strips or singly
- Markers in proven multicard format

General ordering data

Order No.	Type	Version	GTIN (EAN)	Qty.
1828450000	WS 10/6 MC NE WS	Terminal markers, MultiCard, 10 x 6 mm, Polyamide, Colour: White	4032248350513	600 pc(s).