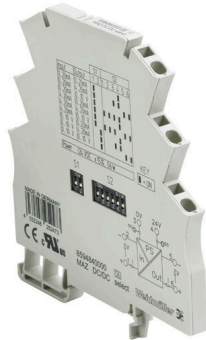


MAS DC/DC SELECT

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Product image



MCZ: The smallest solution

- The smallest analogue signal converter in terminal block format on the market
- Space-saving conversion of analogue signals in the control cabinet thanks to the slim, 6 mm wide module width
- Simple wiring with plug-in cross-connectors

General ordering data

| | |
|------------|---|
| Version | MICROSERIES, Signal converter/insulator |
| Order No. | 8594810000 |
| Type | MAS DC/DC SELECT |
| GTIN (EAN) | 4032248252442 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



| | |
|---------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E175400 |
| Certificate no. (cULus) | E345958 |
| Certificate no. (cULusEX) | E346097 |

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 97.8 mm | Depth (inches) | 3.8504 inch |
| Width | 6.1 mm | Width (inches) | 0.2402 inch |
| Length | 88 mm | Length (inches) | 3.4646 inch |
| Net weight | 51 g | | |

Temperatures

| | | | |
|-----------------------------------|----------------------------|-----------------------|--------------|
| Storage temperature | -20 °C...85 °C | Operating temperature | 0 °C...55 °C |
| Humidity at operating temperature | 0...95 % (no condensation) | | |

Probability of failure

| | | | |
|----------------------------------|------|------|-------|
| SIL in compliance with IEC 61508 | None | MTTF | 440 a |
|----------------------------------|------|------|-------|

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 7a, 7cl |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 4c08c934-ef45-4df2-8269-ccadfff1d702 |

General data

| | | | |
|-------------------------|----------------------------|---------------------------|----------------|
| Protection degree | IP20 | Supply voltage | 24 V DC ± 15 % |
| Mounting rail | TS 35 | Power consumption | ca. 0.6 W |
| Temperature coefficient | ≤ 150 ppm/K of final value | Nominal power consumption | 1.5 VA |

Insulation coordination

| | | | |
|---|----------------|---|----------------|
| EMC standards | DIN EN 61326 | Surge voltage category | II |
| Pollution severity | 2 | Galvanic isolation | 3-way isolator |
| Insulation voltage input or output/rail | 500 Veff / 1 s | Insulation voltage input or output/supply | 500 Veff / 1 s |
| Insulation voltage | 500 Veff / 1 s | Rated voltage | 50 V |

Connection data

| | | | |
|----------------------|---------------------|----------------------------------|---------------------|
| Type of connection | Screw connection | Clamping range, rated connection | 2.5 mm ² |
| Clamping range, min. | 0.5 mm ² | Clamping range, max. | 2.5 mm ² |

Classifications

| | | | |
|-----------|----------|-------------|-------------|
| ETIM 8.0 | EC002653 | ETIM 9.0 | EC002653 |
| ETIM 10.0 | EC002653 | ECLASS 14.0 | 27-21-01-20 |

Creation date 18.02.2026 03:25:59 MEZ

Catalogue status / Drawings

Technical data

ECLASS 15.0

27-21-01-20

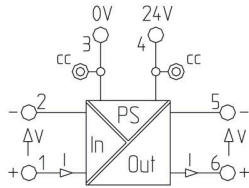
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Drawings

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Electric symbol



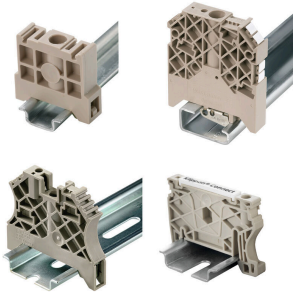
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Accessories

End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | EW 35 | Version | |
| Order No. | 0383560000 | End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C | |
| GTIN (EAN) | 4008190181314 | | |
| Qty. | 50 ST | | |

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

| | | | |
|------------|----------------------------|---------------------------------|--|
| Type | ZQV 4N/4 RT | Version | |
| Order No. | 1794010000 | W-Series, Cross-connector, 32 A | |
| GTIN (EAN) | 4032248233809 | | |
| Qty. | 60 ST | | |
| Type | ZQV 4N/3 RT | Version | |
| Order No. | 1793980000 | W-Series, Cross-connector, 32 A | |
| GTIN (EAN) | 4032248233779 | | |
| Qty. | 60 ST | | |
| Type | ZQV 4N/10 BL | Version | |
| Order No. | 1794050000 | W-Series, Cross-connector, 32 A | |
| GTIN (EAN) | 4032248234011 | | |
| Qty. | 20 ST | | |
| Type | ZQV 4N/2 RT | Version | |
| Order No. | 1793950000 | W-Series, Cross-connector, 32 A | |
| GTIN (EAN) | 4032248233748 | | |
| Qty. | 60 ST | | |
| Type | ZQV 4N/10 SW | Version | |
| Order No. | 1794060000 | W-Series, Cross-connector, 32 A | |
| GTIN (EAN) | 4032248234059 | | |
| Qty. | 20 ST | | |

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Accessories

| | | |
|------------|----------------------------|---------------------------------|
| Type | ZQV 4N/41 RT | Version |
| Order No. | 1794070000 | W-Series, Cross-connector, 32 A |
| GTIN (EAN) | 4032248234141 | |
| Qty. | 10 ST | |
| Type | ZQV 4N/41 SW | Version |
| Order No. | 1794090000 | W-Series, Cross-connector, 32 A |
| GTIN (EAN) | 4032248234165 | |
| Qty. | 10 ST | |
| Type | ZQV 4N/2 SW | Version |
| Order No. | 1793970000 | W-Series, Cross-connector, 32 A |
| GTIN (EAN) | 4032248233762 | |
| Qty. | 60 ST | |
| Type | ZQV 4N/41 BL | Version |
| Order No. | 1794080000 | W-Series, Cross-connector, 32 A |
| GTIN (EAN) | 4032248234158 | |
| Qty. | 10 ST | |
| Type | ZQV 4N/10 RT | Version |
| Order No. | 1794040000 | W-Series, Cross-connector, 32 A |
| GTIN (EAN) | 4032248234004 | |
| Qty. | 20 ST | |
| Type | ZQV 4N/3 SW | Version |
| Order No. | 1794000000 | W-Series, Cross-connector, 32 A |
| GTIN (EAN) | 4032248233793 | |
| Qty. | 60 ST | |
| Type | ZQV 4N/4 BL | Version |
| Order No. | 1794020000 | W-Series, Cross-connector, 32 A |
| GTIN (EAN) | 4032248233816 | |
| Qty. | 60 ST | |
| Type | ZQV 4N/2 BL | Version |
| Order No. | 1793960000 | W-Series, Cross-connector, 32 A |
| GTIN (EAN) | 4032248233755 | |
| Qty. | 60 ST | |
| Type | ZQV 4N/3 BL | Version |
| Order No. | 1793990000 | W-Series, Cross-connector, 32 A |
| GTIN (EAN) | 4032248233786 | |
| Qty. | 60 ST | |
| Type | ZQV 4N/4 SW | Version |
| Order No. | 1794030000 | W-Series, Cross-connector, 32 A |
| GTIN (EAN) | 4032248233915 | |
| Qty. | 60 ST | |

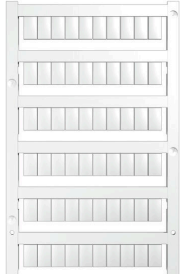
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Accessories

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | WS 10/6 MC NE WS | Version |
| Order No. | 1828450000 | WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, |
| GTIN (EAN) | 4032248350513 | Allen-Bradley, white |
| Qty. | 600 ST | |