

**MB DIODE**

IN: 24VDC/2x20ADC OUT: 24V/20-40ADC

Art.No.: 85396

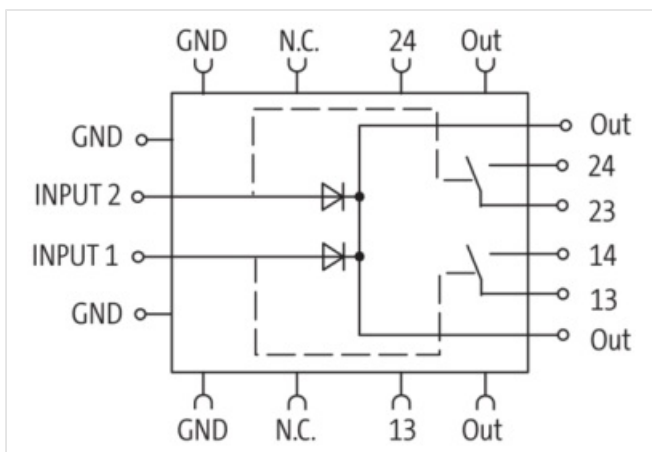
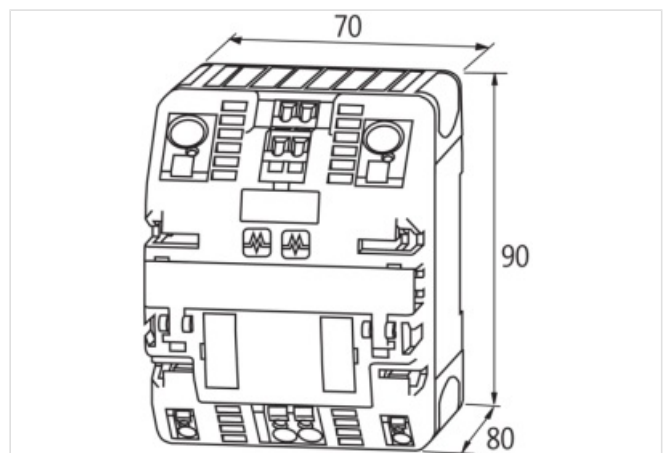
Weight: 0.326 kg

Country of origin: CZ

Model designation: MB Diode

INPUT: 24 V DC (SELV/PELV)

OUTPUT: max. 2x 20/1x 40 A

**Link to Product****Illustration**

Product may differ from Image

**Header**

Material short text

MB Diode

**Commercial data**

URL Webshop

<https://shop.murrelektronik.com/85396>

GTIN

4048879079884

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27049002      |
| ECLASS-6.1            | 27049002      |
| ECLASS-7.0            | 27049002      |
| ECLASS-7.1            | 27049002      |
| ECLASS-8.0            | 27049002      |
| ECLASS-8.1            | 27049002      |
| ECLASS-9.0            | 27040701      |
| ECLASS-9.1            | 27040701      |
| ECLASS-10.0.1         | 27040701      |
| ECLASS-10.1           | 27040701      |
| ECLASS-11.0           | 27040701      |
| ECLASS-11.1           | 27040701      |
| ECLASS-12.0           | 27040701      |
| ECLASS-13.0           | 27040701      |
| ECLASS-14.0           | 27040701      |
| ETIM-5.0              | EC002540      |
| ETIM-6.0              | EC002540      |
| ETIM-7.0              | EC002540      |
| ETIM-8.0              | EC002540      |
| customs tariff number | 85411000      |
| EAN                   | 4048879079884 |
| Packaging unit        | 1             |

**Electrical data | Supply**

|                    |      |
|--------------------|------|
| Total current max. | 40 A |
|--------------------|------|

**Electrical data | Input**

|                               |      |
|-------------------------------|------|
| Input voltage DC              | 24 V |
| Input voltage DC min.         | 21 V |
| Input voltage DC max.         | 30 V |
| Current input AC              | 40 A |
| Total current bridge set max. | 40 A |
| Efficiency                    | 97 % |

**Electrical data | Output**

|                           |                      |
|---------------------------|----------------------|
| Output voltage adjustable | Yes                  |
| Output voltage DC         | 24 V                 |
| Output voltage DC min.    | 21 V                 |
| Output voltage DC max.    | 30 V                 |
| Output current            | 20 A                 |
| Output current (UL)       | 40 A                 |
| Overload current          | at 20 A +50% for 4 s |

**Diagnostics**

|                              |             |
|------------------------------|-------------|
| Alarm contact                | Yes         |
| Alarm contact potential free | Yes         |
| Alarm contact message type   | per channel |

**Installation | Connection**

|            |                           |
|------------|---------------------------|
| Connection | Spring clamp terminals FK |
|------------|---------------------------|

**Device protection | Electrical**

|                            |     |
|----------------------------|-----|
| Invers-polarity protection | Yes |
|----------------------------|-----|

**Mechanical data | Mounting data**

|                            |                                |
|----------------------------|--------------------------------|
| Mounting method            | geschnappt                     |
| Suitable for mounting type | Mounting rail TH35, (EN 60715) |

**Environmental characteristics | Electromagnetic compatibility**

Emission standard for equipment in residential environments (IEC 61000-6-3) compliant

Immunity standard for industrial environments (IEC 61000-6-2) compliant

**Environmental characteristics | Climatic**

|                                          |                 |
|------------------------------------------|-----------------|
| Operating temperature min.               | -25 °C          |
| Operating temperature max.               | 55 °C           |
| Ambient temperature (storage, transport) | -25 °C          |
| Relative humidity (operation)            | 5 %             |
| Additional condition relative humidity   | no condensation |