

### Mico Pro Power module

IN: 24 V DC / 40A, 16mm<sup>2</sup> / Cover plate included (heavy duty)

Art.No.: 9000-41190-0000000

Weight: 0.193

Country of origin: CZ

Model designation: Mico Pro PM 24VDC/40A

Mico Pro® PM 24 V DC/40 A

Cover plate included (heavy duty)

Shock load

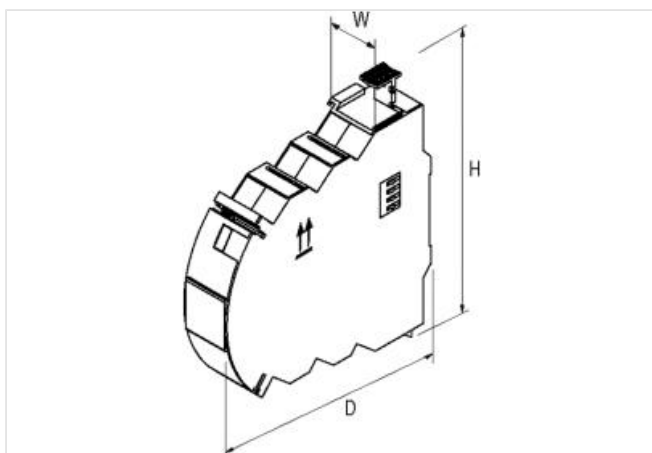
1/2 sin 40 g, 11 ms

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### Link to Product

#### Illustration



Product may differ from Image



#### Commercial data

The information in this Product-PDF has been compiled with the utmost care.  
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|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27371802      |
| ECLASS-6.1            | 27371890      |
| ECLASS-7.0            | 27371890      |
| ECLASS-8.0            | 27371890      |
| ECLASS-9.0            | 27371802      |
| ECLASS-10.1           | 27371802      |
| ECLASS-11.1           | 27371802      |
| ECLASS-12.0           | 27371802      |
| ETIM-5.0              | EC001440      |
| customs tariff number | 85363030      |
| customs tariff number | 85363030      |
| GTIN                  | 4048879552080 |
| GTIN                  | 4048879552080 |
| Packaging unit        | 1             |
| Packaging unit        | 1             |

#### Electrical data | Supply

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

#### Electrical data | Input

|                                             |        |
|---------------------------------------------|--------|
| Input voltage DC min.                       | 9 V    |
| Input voltage DC max.                       | 30 V   |
| Input voltage 1 DC                          | 12 V   |
| Input voltage 2 DC                          | 24 V   |
| CTRL input voltage control inputs high min. | 9 V    |
| CTRL input voltage control inputs high max. | 30 V   |
| CTRL signal                                 | ON/OFF |
| ON input voltage control inputs min.        | 9 V    |
| ON input voltage control inputs max.        | 30 V   |
| ON pulse length control inputs high min.    | 120 ms |
| Total current bridge set max.               | 40 A   |

#### Electrical data | Output

|                           |      |
|---------------------------|------|
| Switching voltage AC max. | 30 V |
| Switching voltage DC max. | 30 V |

#### Installation

|                                       |                      |
|---------------------------------------|----------------------|
| Connection cross-section static min.  | 0,75 mm <sup>2</sup> |
| Connection cross section static max.  | 16 mm <sup>2</sup>   |
| Connection cross-section dynamic min. | 0,75 mm <sup>2</sup> |
| Connection cross section dynamic max. | 16 mm <sup>2</sup>   |
| AWG number static min.                | 4                    |
| AWG number static max.                | 20                   |
| AWG number dynamic min.               | 4                    |
| AWG number dynamic max.               | 20                   |

#### Installation | Connection

|            |               |
|------------|---------------|
| Connection | Bridge system |
|------------|---------------|

#### Device protection | Electrical

|                                     |      |
|-------------------------------------|------|
| Degree of protection (EN IEC 60529) | IP20 |
|-------------------------------------|------|

#### Device protection | Mechanical

|                                      |                     |
|--------------------------------------|---------------------|
| Shock resistance (EN IEC 60068-2-27) | 40 g, 11 ms 1/2 sin |
|--------------------------------------|---------------------|

#### Mechanical data | Mounting data

|                            |                                |
|----------------------------|--------------------------------|
| Mounting method            | geschnappt                     |
| Suitable for mounting type | Mounting rail TH35, (EN 60715) |
| Height                     | 130 mm                         |

|       |        |
|-------|--------|
| Width | 24 mm  |
| Depth | 114 mm |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -25 °C |
| Operating temperature max. | 55 °C  |
| Storage temperature min.   | -40 °C |
| Storage temperature max.   | 80 °C  |

**Connection type 7**

|                          |                           |
|--------------------------|---------------------------|
| Family construction form | Bridging Contact          |
| Gender                   | female                    |
| Color contact carrier    | black                     |
| No. of poles             | 1                         |
| PIN 1                    | UB In + 24 V DC           |
| Family construction form | Bridging Contact          |
| Gender                   | female                    |
| Color contact carrier    | black                     |
| No. of poles             | 1                         |
| PIN 1                    | 0 V                       |
| Family construction form | Bridging Contact          |
| Gender                   | female                    |
| Color contact carrier    | black                     |
| No. of poles             | 4                         |
| PIN 1                    | On                        |
| PIN 2                    | Ctrl                      |
| PIN 3                    | Alarm                     |
| PIN 4                    | 0.9                       |
| Family construction form | Bridging Contact          |
| Gender                   | male                      |
| Color contact carrier    | black                     |
| No. of poles             | 4                         |
| PIN 1                    | On                        |
| PIN 2                    | Ctrl                      |
| PIN 3                    | Alarm                     |
| PIN 4                    | 0.9                       |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 2                         |
| PIN 1                    | 13 Alarm                  |
| PIN 2                    | 14 Alarm                  |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 2                         |
| PIN 1                    | 23 90%                    |
| PIN 2                    | 24 90%                    |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 2                         |

|       |      |
|-------|------|
| PIN 1 | Ctrl |
| PIN 2 | On   |