

Mico Pro electronic circuit protection, 4 channels

IN: 24 V DC OUT: 24 V DC / 6 A

Mico Pro® fix 4.6  
4 channels  
Current adjustment 6 A  
Build your own Mico Pro® online:  
[START](#)

Link to Product

Illustration



Product may differ from Image



| Commercial data          |               |
|--------------------------|---------------|
| ECLASS-6.0               | 27371802      |
| ECLASS-6.1               | 27371802      |
| ECLASS-7.0               | 27371802      |
| ECLASS-8.0               | 27371802      |
| ECLASS-9.0               | 27371802      |
| ECLASS-10.1              | 27371802      |
| ECLASS-11.1              | 27371802      |
| ECLASS-12.0              | 27371802      |
| ETIM-5.0                 | EC001440      |
| customs tariff number    | 85363010      |
| GTIN                     | 4048879552684 |
| Packaging unit           | 1             |
| Electrical data   Supply |               |
| Total current max.       | 40 A          |
| Electrical data   Input  |               |
| Input voltage 1 DC       | 12 V          |
| Input voltage 2 DC       | 24 V          |
| Input voltage DC min.    | 9 V           |

|                               |                  |
|-------------------------------|------------------|
| Input voltage DC max.         | 30 V             |
| Control options               | via power module |
| Total current bridge set max. | 40 A             |
| System supply                 | via power module |

#### Electrical data | Output

|                                             |       |
|---------------------------------------------|-------|
| Number of output channels                   | 4     |
| Triggering current DC full load per channel | 6 A   |
| Switch-on capacity max.                     | 30 mF |
| Tolerance trigger current min.              | 0 %   |
| Tolerance trigger current max.              | 20 %  |

#### Installation

|                                       |                     |
|---------------------------------------|---------------------|
| Connection cross-section static min.  | 0,2 mm <sup>2</sup> |
| Connection cross section static max.  | 2,5 mm <sup>2</sup> |
| Connection cross-section dynamic min. | 0,2 mm <sup>2</sup> |
| Connection cross section dynamic max. | 4 mm <sup>2</sup>   |
| AWG number static min.                | 14                  |
| AWG number static max.                | 24                  |
| AWG number dynamic min.               | 12                  |
| AWG number dynamic max.               | 24                  |

#### Installation | Connection

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

#### Device protection | Electrical

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

#### 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 6

|                          |                  |
|--------------------------|------------------|
| Family construction form | Bridging Contact |
| Gender                   | female           |
| Color contact carrier    | black            |
| No. of poles             | 1                |
| PIN 1                    | UB +             |
| 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             | 4                         |
| PIN 1                    | 0 V 1                     |
| PIN 2                    | 0 V 2                     |
| PIN 3                    | 0 V 3                     |
| PIN 4                    | 0 V 4                     |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 4                         |
| PIN 1                    | Out 1                     |
| PIN 2                    | Out 2                     |
| PIN 3                    | Out 3                     |
| PIN 4                    | Out 4                     |