

Mico Pro electronic circuit protection, 2 channels

IN: 24 V DC OUT: 24 V DC / 1-2-3-4-5-6-7-8-9-10A

Mico Pro® flex 2.10  
2 channels  
1, 2, 3, 4, 5, 6, 7, 8, 9, 10 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                                        | 4048879552721 |
| Packaging unit                              | 1             |
| Electrical data   Supply                    |               |
| Total current max.                          | 40 A          |
| Electrical data   Input                     |               |
| CTRL input voltage control inputs high min. | 9 V           |
| CTRL input voltage control inputs high max. | 30 V          |
| CTRL signal                                 | ON/OFF        |

|                                          |        |
|------------------------------------------|--------|
| Input voltage 1 DC                       | 12 V   |
| Input voltage 2 DC                       | 24 V   |
| Input voltage DC min.                    | 9 V    |
| Input voltage DC max.                    | 30 V   |
| 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

|                                             |       |
|---------------------------------------------|-------|
| Number of output channels                   | 2     |
| Triggering current DC full load per channel | 10 A  |
| Switch-on capacity max.                     | 30 mF |
| Tolerance trigger current min.              | 0 %   |
| Tolerance trigger current max.              | 15 %  |

#### 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                      | 12 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 10

|                          |                  |
|--------------------------|------------------|
| 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                    | Alarm 1                   |
| PIN 2                    | Alarm 2                   |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 2                         |
| PIN 1                    | Out 1                     |
| PIN 2                    | Out 2                     |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 2                         |
| PIN 1                    | 0 V 1                     |
| PIN 2                    | 1 V 2                     |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 2                         |
| PIN 1                    | 90% 1                     |
| PIN 2                    | 90% 2                     |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 2                         |
| PIN 1                    | On 1                      |
| PIN 2                    | On 2                      |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| No. of poles             | 2                         |

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