

Mico Pro electronic circuit protection, 1 channel

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

Art.No.: 9000-41091-0101000  
Weight: 0.079 kg  
Country of origin: CZ  
Model designation: Mico Pro flex 1.10

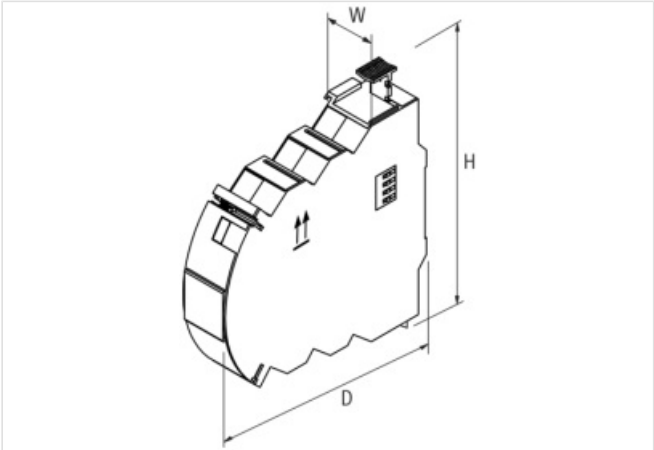
Mico Pro® flex 1.10  
1 channel  
1, 2, 3, 4, 5, 6, 7, 8, 9, 10 A  
Build your own Mico Pro® online:  
[START](#)

Link to Product

Illustration



Product may differ from Image



Header

Material short text Mico Pro flex 1.10

Commercial data

|               |                                                    |
|---------------|----------------------------------------------------|
| URL Webshop   | https://shop.murrelektronik.com/9000-41091-0101000 |
| GTIN          | 4048879552707                                      |
| ECLASS-6.0    | 27371802                                           |
| ECLASS-6.1    | 27371802                                           |
| ECLASS-7.0    | 27371802                                           |
| ECLASS-7.1    | 27371802                                           |
| ECLASS-8.0    | 27371802                                           |
| ECLASS-8.1    | 27371802                                           |
| ECLASS-9.0    | 27371802                                           |
| ECLASS-9.1    | 27371802                                           |
| ECLASS-10.0.1 | 27371802                                           |
| ECLASS-10.1   | 27371802                                           |
| ECLASS-11.0   | 27371802                                           |
| ECLASS-11.1   | 27371802                                           |

|                       |               |
|-----------------------|---------------|
| ECLASS-12.0           | 27371802      |
| ECLASS-13.0           | 27371802      |
| ECLASS-14.0           | 27371802      |
| ETIM-5.0              | EC001440      |
| ETIM-6.0              | EC001440      |
| ETIM-7.0              | EC001440      |
| ETIM-8.0              | EC001440      |
| customs tariff number | 85363010      |
| EAN                   | 4048879552707 |
| 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          |
| Nominal input voltage DC                    | 12 V ... 24 V |
| Total current bridge set max.               | 40 A          |
| ON input voltage control inputs min.        | 9 V           |
| ON input voltage control inputs max.        | 30 V          |
| CTRL signal                                 | ON/OFF        |
| CTRL input voltage control inputs high min. | 9 V           |
| CTRL input voltage control inputs high max. | 30 V          |
| ON pulse length control inputs high min.    | 120 ms        |

**Electrical data | Output**

|                                             |       |
|---------------------------------------------|-------|
| Number of output channels                   | 1     |
| Triggering current DC full load per channel | 10 A  |
| Tolerance trigger current min.              | 0 %   |
| Tolerance trigger current max.              | 15 %  |
| Switch-on capacity max.                     | 30 mF |

**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**

|                            |                                |
|----------------------------|--------------------------------|
| Height                     | 130 mm                         |
| Width                      | 8 mm                           |
| Depth                      | 114 mm                         |
| Mounting method            | geschnappt                     |
| Suitable for mounting type | Mounting rail TH35, (EN 60715) |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -25 °C |
| Operating temperature max. | 55 °C  |

Ambient temperature (storage, transport)    -40 °C ... 80 °C

| Connection type 10       |                           |
|--------------------------|---------------------------|
| Family construction form | Bridging Contact          |
| No. of poles             | 1                         |
| Gender                   | female                    |
| Color contact carrier    | black                     |
| PIN 1                    | UB In + 24 V DC           |
| Family construction form | Bridging Contact          |
| No. of poles             | 1                         |
| Gender                   | female                    |
| Color contact carrier    | black                     |
| PIN 1                    | 0 V                       |
| Family construction form | Bridging Contact          |
| No. of poles             | 4                         |
| Gender                   | female                    |
| Color contact carrier    | black                     |
| PIN 1                    | On                        |
| PIN 2                    | Ctrl                      |
| PIN 3                    | Alarm                     |
| PIN 4                    | 0.9                       |
| Family construction form | Bridging Contact          |
| No. of poles             | 4                         |
| Gender                   | male                      |
| Color contact carrier    | black                     |
| PIN 1                    | On                        |
| PIN 2                    | Ctrl                      |
| PIN 3                    | Alarm                     |
| PIN 4                    | 0.9                       |
| Family construction form | terminal                  |
| No. of poles             | 1                         |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| Connection               | Spring clamp terminals FK |
| PIN 1                    | Alarm 1                   |
| Family construction form | terminal                  |
| No. of poles             | 1                         |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| Connection               | Spring clamp terminals FK |
| PIN 1                    | Out 1                     |
| Family construction form | terminal                  |
| No. of poles             | 1                         |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| Connection               | Spring clamp terminals FK |
| PIN 1                    | 0 V 1                     |
| Family construction form | terminal                  |
| No. of poles             | 1                         |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| Connection               | Spring clamp terminals FK |
| PIN 1                    | 90% 1                     |
| Family construction form | terminal                  |
| No. of poles             | 1                         |

|                          |                           |
|--------------------------|---------------------------|
| Gender                   | female                    |
| Color contact carrier    | green                     |
| Connection               | Spring clamp terminals FK |
| PIN 1                    | On 1                      |
| Family construction form | terminal                  |
| No. of poles             | 1                         |
| Gender                   | female                    |
| Color contact carrier    | green                     |
| Connection               | Spring clamp terminals FK |
| PIN 1                    | Ctrl 1                    |