

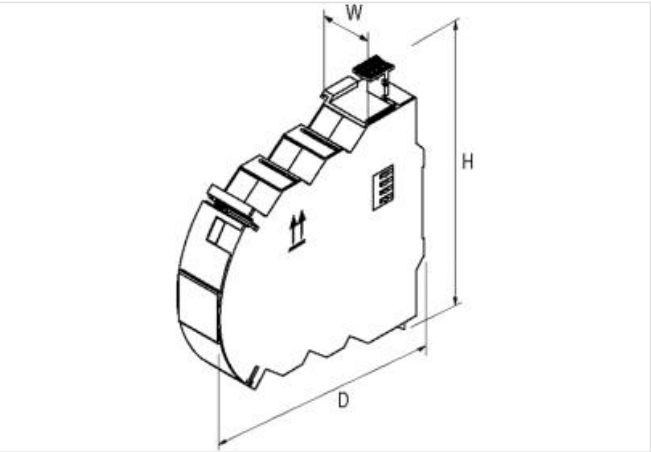
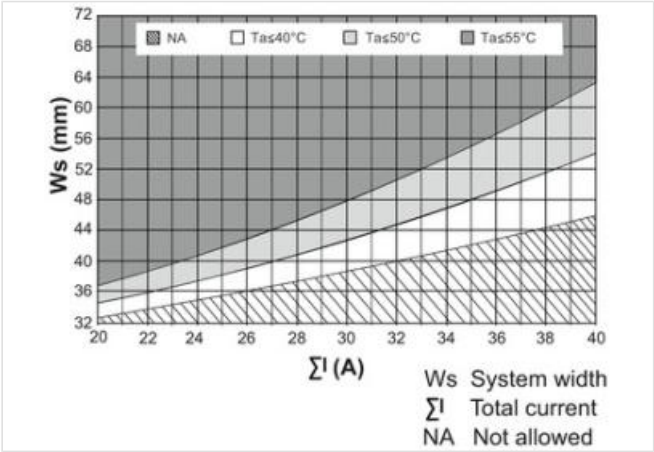
Mico Pro electronic circuit protection, 1 channel

IN: 24 V DC OUT: 24 V DC / 11-12-13-14-15-16-17-18-19-20 A

Mico Pro® flex 1.20  
1 channel  
11, 12, 13, 14, 15, 16, 17, 18, 19, 20 A  
ATTENTION: Note permissible installation variants  
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 | 85363030      |
| GTIN                  | 4048879558747 |
| 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                   | 1     |
| Triggering current DC full load per channel | 20 A  |
| Switch-on capacity max.                     | 30 mF |
| Tolerance trigger current min.              | -5 %  |
| 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. | 50 °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 +

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 1

PIN 1 Out 1

Connection Spring clamp terminals FK

Family construction form terminal

Gender female

Color contact carrier green

No. of poles 1

PIN 1 0 V 1

Connection Spring clamp terminals FK

Family construction form terminal

Gender female

Color contact carrier green

No. of poles 1

PIN 1 Alarm 1

Connection Spring clamp terminals FK

Family construction form terminal

Gender female

Color contact carrier green

No. of poles 1

PIN 1 90% 1

Connection Spring clamp terminals FK

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