

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

Art.No.: 9000-41091-1102000

Weight: 0.074

Country of origin: CZ

Model designation: Mico Pro flex 1.20

Mico Pro® flex 1.20

1 channel

11, 12, 13, 14, 15, 16, 17, 18, 19, 20 A

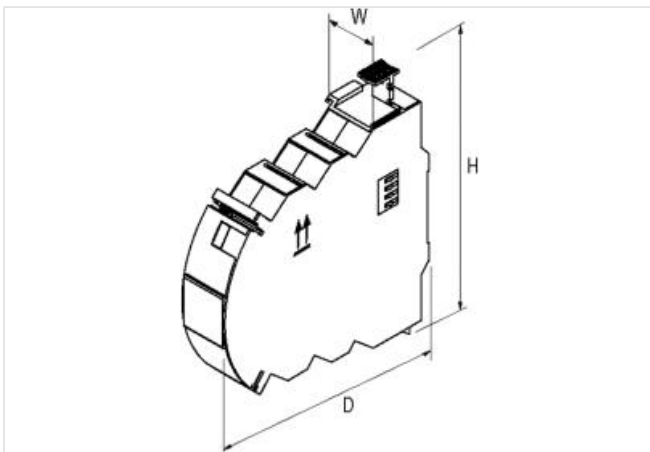
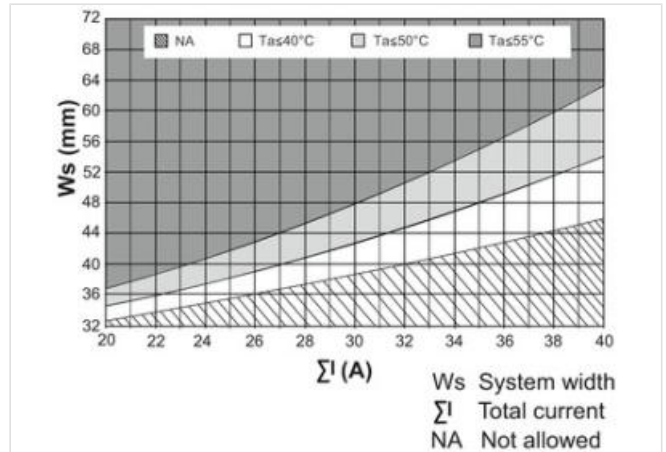
ATTENTION: Note permissible installation variants

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
customs tariff number	85363030
GTIN	4048879558747
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Packaging unit	1
Packaging unit	1

Electrical data | Supply

Total current max.	40 A
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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

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 ²
Connection cross section static max.	2,5 mm ²
Connection cross-section dynamic min.	0,2 mm ²
Connection cross section dynamic max.	4 mm ²
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
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Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
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Mechanical data | Mounting data

Mounting method	geschnappt
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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