

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 kg

Country of origin: CZ

Model designation: Mico Pro flex 1.20

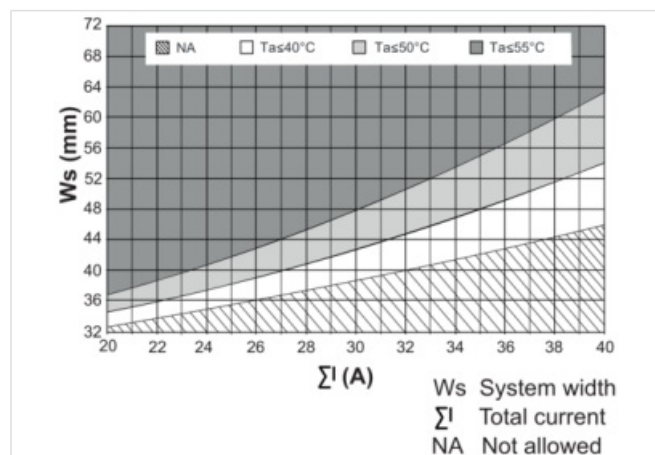
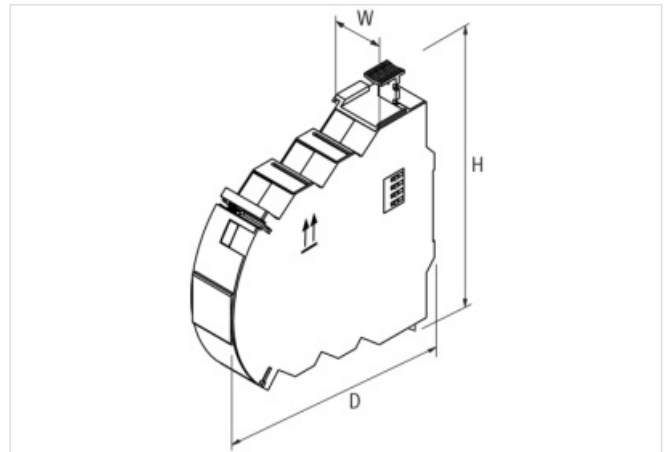
Mico Pro® flex 1.20

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

**Header**

Material short text

Mico Pro flex 1.20

Commercial data

URL Webshop	https://shop.murrelektronik.com/9000-41091-1102000
GTIN	4048879558747
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	85363030
EAN	4048879558747
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
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	20 A
Tolerance trigger current min.	-5 %
Tolerance trigger current max.	15 %
Switch-on capacity max.	30 mF

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

Device protection | Electrical

Degree of protection (EN IEC 60529) IP20

Mechanical data | Mounting data

Height	130 mm
Width	12 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.	50 °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 +
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	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	Alarm 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