

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

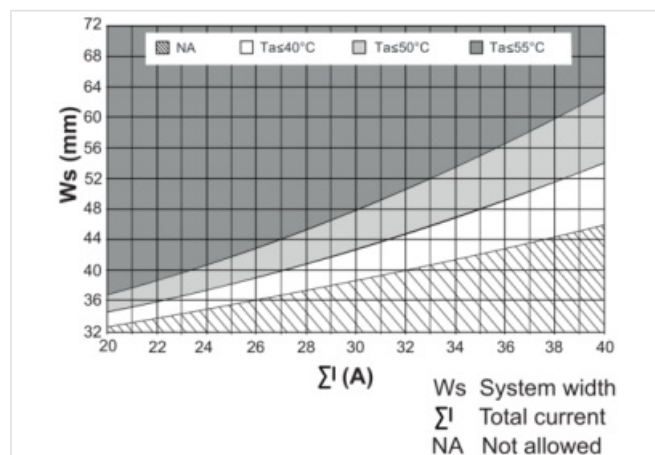
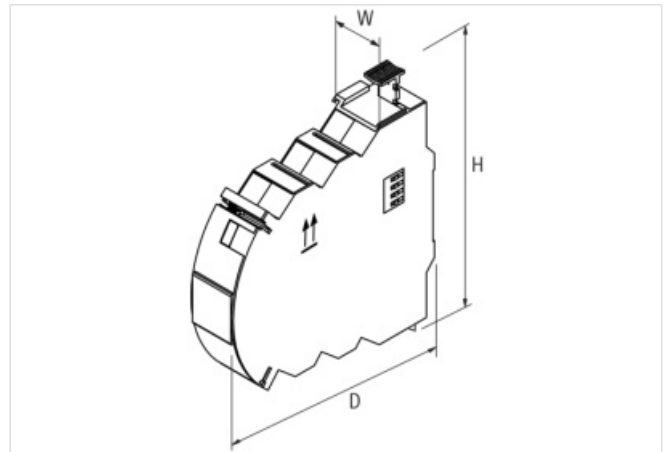
Mico Pro® flex 1.20

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

**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
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
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
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AWG number dynamic max.	24
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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

Height	130 mm
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Width	12 mm
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Depth	114 mm
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Mounting method	geschnappt
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Suitable for mounting type	Mounting rail TH35, (EN 60715)
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
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Operating temperature max.	50 °C
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Storage temperature min.	-40 °C
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Storage temperature max.	80 °C
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Connection type 10

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