

Mico Pro electronic circuit protection, 1 channel

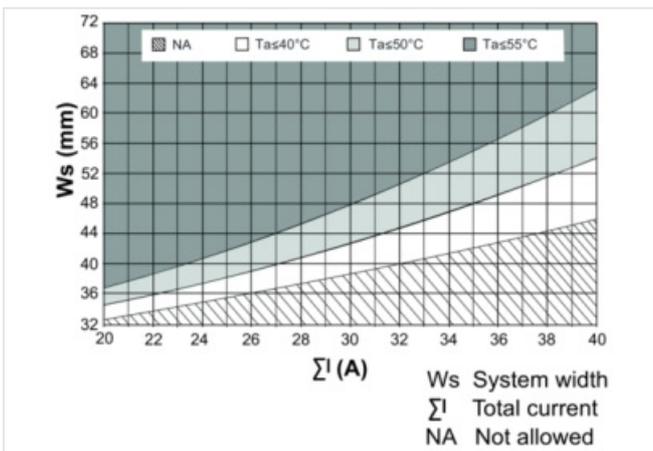
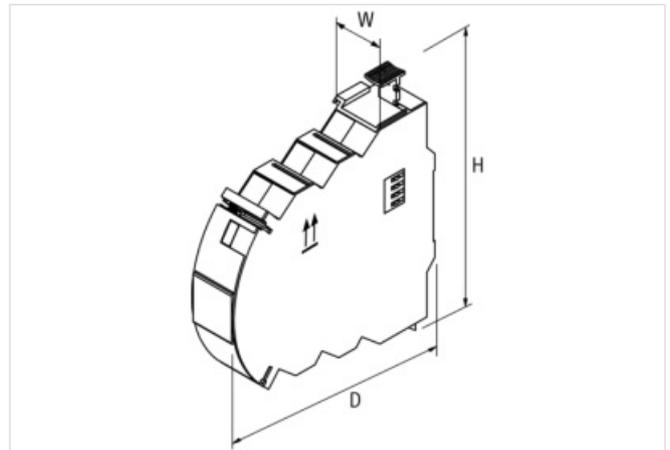
IN: 24 V DC OUT: 24 V DC / 11-12-13-14-15-16-17-18-19-20 A

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



Commercial data

URL Webshop <https://shop.murrelektronik.com/9000-41091-1102000>

GTIN	4048879558747
Customs tariff number	85363030
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

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-04-12

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