

Mico Pro electronic circuit protection, 4 channels

IN: 24 V DC OUT: 24 V DC / 1-2-3-4-5-6-7-8-9-10A

Art.No.: 9000-41094-0101000

Weight: 0.134

Country of origin: CZ

Model designation: Mico Pro flex 4.10

Mico Pro® flex 4.10

4 channels

1, 2, 3, 4, 5, 6, 7, 8, 9, 10 A

Build your own Mico Pro® online:

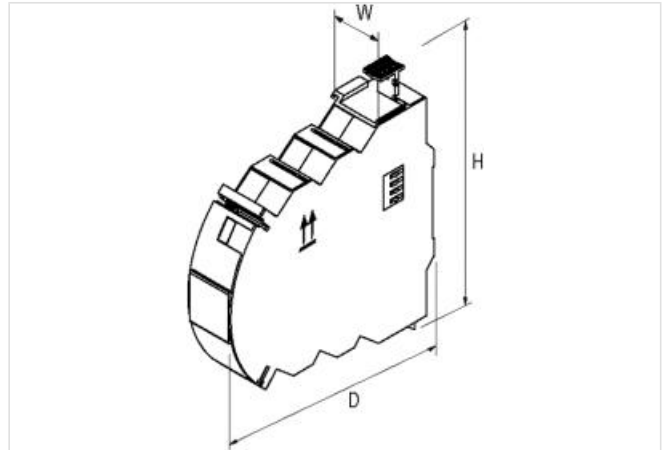
[START](#)

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	85363010
customs tariff number	85363010
GTIN	4048879552745
GTIN	4048879552745
Packaging unit	1
Packaging unit	1

Electrical data | Supply

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: 2025-04-03

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	4
Triggering current DC full load per channel	10 A
Switch-on capacity max.	30 mF
Tolerance trigger current min.	0 %
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
Suitable for mounting type	Mounting rail TH35, (EN 60715)
Height	130 mm
Width	24 mm
Depth	114 mm

Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	55 °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 In + 24 V DC
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	4
PIN 1	Alarm 1
PIN 2	Alarm 2
PIN 3	Alarm 3
PIN 4	Alarm 4
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	green
No. of poles	4
PIN 1	Out 1
PIN 2	Out 2
PIN 3	Out 3
PIN 4	Out 4
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	green
No. of poles	4
PIN 1	0 V 1
PIN 2	1 V 2
PIN 3	2 V 3
PIN 4	3 V 4
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	green
No. of poles	4
PIN 1	90% 1
PIN 2	90% 2

PIN 3	90% 3
PIN 4	90% 4
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	green
No. of poles	4
PIN 1	On 1
PIN 2	On 2
PIN 3	On 3
PIN 4	On 4
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	green
No. of poles	4
PIN 1	Ctrl 1
PIN 2	Ctrl 2
PIN 3	Ctrl 3
PIN 4	Ctrl 4