

Over current protection device

– Power supplies

Approvals:   

Mico Pro® PM 24 V DC/40 A

Power module
Cover plate included



Mico Pro® PD 2x12

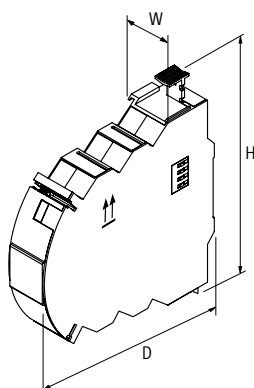
Potential distributor
1 channel (x11)



Mico Pro® PD 2x2x06

Potential distributor
2 channels per (x5)

Order Data	Art-No.	Art-No.	Art-No.
40 A	9000-41190-0000000		
20 A		9000-41000-0000212	
2 x 20 A			9000-41000-0002206
Input			
Operating voltage	12 V DC; 24 V DC (9...30 V DC)	12 V DC, 24 V DC	
Total current	max. 40 A	max. 20 A	max. 2 x 20 A
Output			
Parallel usage/serial usage	-/Selectivity in 2 levels	–	
Control inputs			
Input voltage (ON)	9...30 V DC	–	
Impulse length (ON)	"high" 120 ms	–	
Input voltage (CTRL)	9...30 V DC	–	
Impulse length (CTRL)	OFF "high" 40/400 ms, ON "high" 20/200 ms	–	
Control outputs			
Early warning (90%)	max. 30 V AC/DC	–	
Group alarm output	max. 30 V AC/DC	–	
Connections (IN)			
Connection	Bridge system		
Connections (OUT)			
Connection	Push-In spring clamp terminals		
Cross section (rigid)	0.75...16 mm ² (AWG 20...4)	0.2...2.5 mm ² (AWG 24...14)	
Cross section (flex)	0.75...16 mm ² (AWG 20...4)	0.2...2.5 mm ² (AWG 24...14)	
General data			
Protection	IP20		
Bridging concept	Bridge set (max. 40 A)		
Mounting method	DIN-rail mountable TH35 (EN 60715)		
Temperature range	-25...+55 °C (storage temperature -40...+80 °C)		
Dimensions H x W x D	130x24x114 mm		
Dimension drawing			



Notes	
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INTELLIGENT POWER DISTRIBUTION

Over current protection device

– preset current ranges

Approvals:   

Mico Pro® fix

1 channel



Mico Pro® fix

1 channel



Mico Pro® fix

2 channels

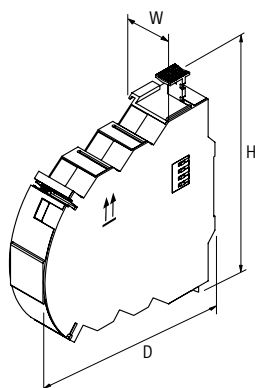


Mico Pro® fix

4 channels



Order Data	Art-No.	Art-No.	Art-No.	Art-No.
2 A	9000-41011-0200000		9000-41012-0200000	9000-41014-0200000
4 A	9000-41011-0400000		9000-41012-0400000	9000-41014-0400000
6 A	9000-41011-0600000		9000-41012-0600000	9000-41014-0600000
8 A	9000-41011-0800000			
10 A	9000-41011-1000000			
16 A		9000-41011-1600000		
Input				
Operating voltage	12 V DC; 24 V DC (9...30 V DC)			
Total current	max. 40 A			
Output				
No. of channels	1	2	4	
Inrush capacity	max. 30 mF			
Tolerance	0...+20%			
Parallel usage/serial usage	-/Selectivity in 2 levels			
Control inputs				
Input voltage (ON)	via power module			
Impulse length (ON)	via power module			
Input voltage (CTRL)	via power module			
Impulse length (CTRL)	via power module			
Control outputs				
Group alarm output	via power module			
Early warning (90%)	via power module			
Connections (IN)				
Connection	Bridge system			
Connections (OUT)				
Connection	Push-In spring clamp terminals			
Cross section (rigid)	0.2...2.5 mm² (AWG 24...14)			
Cross section (flex)	0.2...4 mm² (AWG 24...12)			
General data				
Protection	IP20			
Bridging concept	Bridge set (max. 40 A)			
Mounting method	DIN-rail mountable TH35 (EN 60715)			
Temperature range	-25...+55 °C (storage temperature -40...+80 °C)			
Dimensions H × W × D	130×8×114 mm	130×12×114 mm	130×24×114 mm	
Dimension drawing				



INTELLIGENT POWER DISTRIBUTION

Over current protection device

- adjustable current ranges
- channel-specific messages

Approvals:   

Mico Pro® flex

1 channel



Mico Pro® flex

1 channel



Mico Pro® flex

2 channels

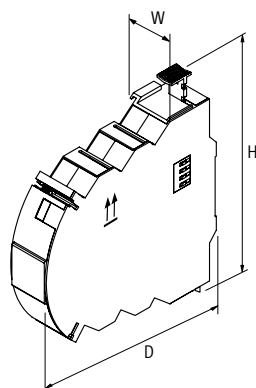


Mico Pro® flex

4 channels



Order Data	Art-No.	Art-No.	Art-No.	Art-No.
1, 2, 3, 4, 5, 6, 7, 8, 9, 10 A	9000-41091-0101000		9000-41092-0101000	9000-41094-0101000
11, 12, 13, 14, 15, 16, 17, 18, 19, 20 A		9000-41091-1102000		
Input				
Operating voltage	12 V DC; 24 V DC (9...30 V DC)			
Total current	max. 40 A			
Output				
No. of channels	1	2	4	
Inrush capacity	max. 30 mF			
Tolerance	0...+20%	-5...+15 %	0...+20%	
Parallel usage/serial usage	-/Selectivity in 2 levels			
Control inputs				
Input voltage (ON)	9...30 V DC			
Impulse length (ON)	"high" 120 ms			
Input voltage (CTRL)	9...30 V DC			
Impulse length (CTRL)	OFF "high" 40/400 ms, ON "high" 20/200 ms			
Control outputs				
Group alarm output	via power module			
Early warning (90%)	like operating voltage - max. 20 mA, via power module			
Connections (IN)				
Connection	Bridge system			
Connections (OUT)				
Connection	Push-In spring clamp terminals			
Cross section (rigid)	0.2...2.5 mm² (AWG 24...14)			
Cross section (flex)	0.2...4 mm² (AWG 24...12)			
General data				
Protection	IP20			
Bridging concept	Bridge set (max. 40 A)			
Mounting method	DIN-rail mountable TH35 (EN 60715)			
Temperature range	-25...+55 °C (storage temperature -40...+80 °C)	-25...+50 °C (storage temperature -40...+80 °C)	-25...+55 °C (storage temperature -40...+80 °C)	
Dimensions H × W × D	130×8×114 mm	130×12×114 mm		130×24×114 mm
Dimension drawing				



Notes