

COMPACT

MICO+ 48 V DC

MICO+ 48 V DC

THE ELECTRONIC CIRCUIT CONTROL FOR 48 V DC

In 48 V DC applications, circuit breakers or glass tube fuses are usually used to monitor the load circuits. MICO+ 48 V DC, by Murrelektronik, is the first system worldwide with micro-processors for intelligent and targeted current monitoring of 48 V DC applications. You can set an individual current value for every single current path. When there are short circuits or if the selected load current is exceeded, MICO+ 48 V DC switches the affected channel off.



ATTRACTIVE ATTRIBUTES

- Unique: MICO+ 48 V DC is the **first electronic load circuit control for 48 V DC**
- Preventive diagnostics with **90 % warning notice**
- **Perfect shut-down function:** as early as necessary, as late as possible
- **Adjustable current ranges**
- MICO+ 48 V DC is **temperature independent** (-25 °C...+55 °C)



MICO+ 48 V DC SELLING FEATURES...

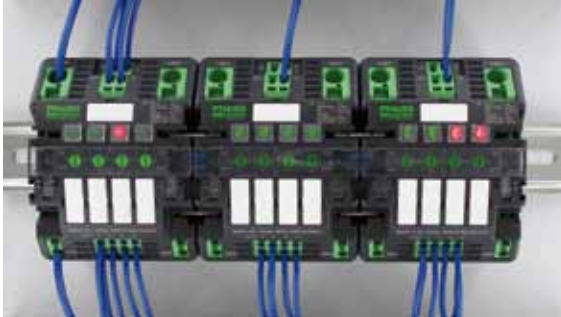
- All channels can be individually switched on/off
- Group alarm contact
- Saves the operating condition of each channel – even after a power reset
- Maintenance-free with spring clamp terminals
- For capacitive loads of up to 5,000 µF/channel
- Shock resistance up to 30 g

COMPLETELY COMPATIBLE

Emparro single phase switch mode power supplies with 48 V DC output voltage and MICO+ 48 V DC equals a perfect match!



INTEGRATED BRIDGING SYSTEM



- Reduces wiring
- Reduces errors
- Max. load up to 40 A

SAVES SPACE



4 channels: **104 mm**



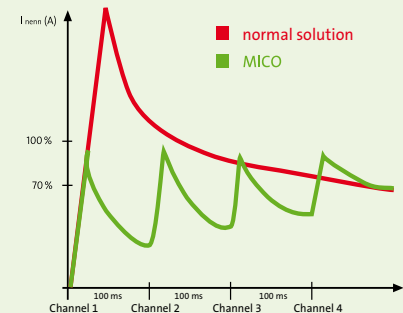
4 channels: **70 mm**

33% SLIMMER!

- 4 channels, only 70 mm wide
- Small space requirements in cabinet
- Simple wiring

DELAYED START-UP

MICO eliminates start-up peaks with a time-delayed (cascading) start of individual current paths. This protects the power supply unit.



MODEL OVERVIEW

Description	Current ranges	Art. no.
MICO+ 48VDC 4.4	1 A, 2 A, 3 A, 4 A	9000-42084-0100400
MICO+ 48VDC 4.6	1 A, 2 A, 4 A, 6 A	9000-42084-0100600
Accessories		
Bridge set (1 set)	9000-41034-0000002	
Bridge set (10 sets)	9000-41034-0000001	
Shortened button (4 buttons)	9000-41034-0000003	