

COMPACT

MICO+ 48 V DC

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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...

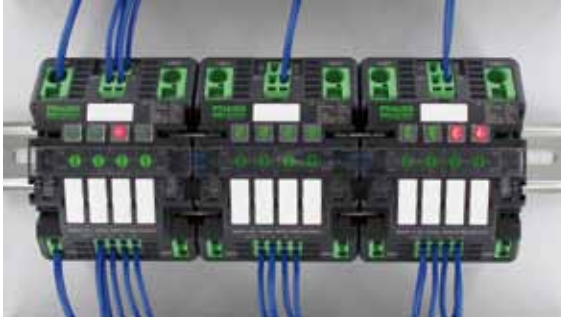
- All channels can be individually switched on/off
- Group alarm contact
- Saves the operating condition of each channel – even after a power reset
- Maintenance-free with spring clamp terminals
- For capacitive loads of up to 5,000 µF/channel
- Shock resistance up to 30 g

COMPLETELY COMPATIBLE

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

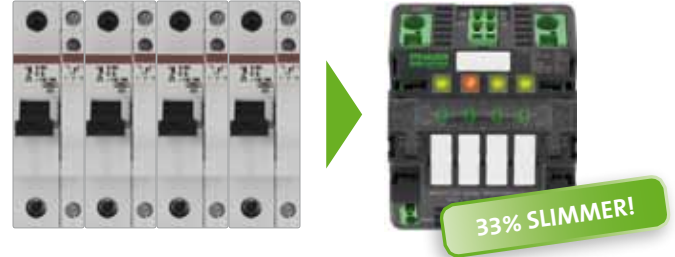


INTEGRATED BRIDGING SYSTEM



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

SAVES SPACE



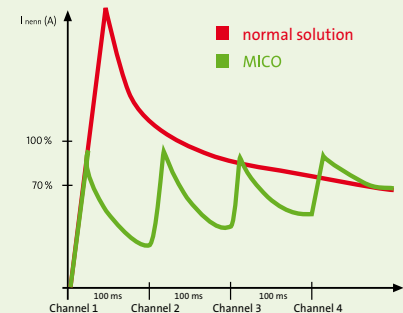
4 channels: **104 mm**

4 channels: **70 mm**

- 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 | |