

INTELLIGENT POWER DISTRIBUTION

The power supply is the heart of every control cabinet. Advanced power supply systems have to be protected in a consistent and targeted manner. MICO, the intelligent power distribution system is the perfect solution for 24 V DC systems:

- **MICO monitors currents:** You can select a maximum individual current value for each channel and MICO monitors this value.
LED = green
- **MICO indicates when approaching the maximum load:**
There is a visual alarm when 90% of the selected current load is reached.
LED = green (flashing)
- **MICO detects over-stress:** In case of short circuits or if the load current exceeds the selected value, MICO switches off the affected channel.
LED = red (flashing)

MICO is available in a two channel and four channel version – you can combine the modules in any way making an economic and space saving system.

20.000 μ F PER CHANNEL

MICO supports high capacitive loads of up to 20000 μ F per channel. It connects several loads with high input capacity on each channel.



YOUR ADVANTAGES

- MICO eliminates the risk of fire and damages caused by over currents
- MICO stores the operating statuses of individual channels – even after a power reset
- MICO facilitates troubleshooting: Don't look for errors, find them!
- MICO ensures high system availability
- MICO saves up to 30% space in the control cabinet
- MICO is simply snapped onto a DIN rail and is quickly installed

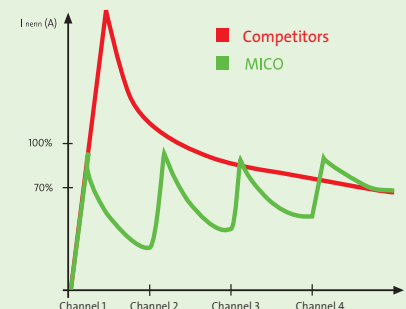
FEATURES OF MICO

- For capacitive loads of up to 20.000 μ F per channel
- Maintenance-free with spring clamp terminals
- Current range adjustable for each channel
- Perfect shut-off behavior: as late as possible, as early as necessary
- Independent of temperature
- No current limiting
- Allows remote start with 24VDC signal
- Each channel features a switch for manual start and shut-off
- LED status indication for each channel
- Potential-free alarm output
- Proven bridge concept connects several MICOs
- Minimum output resistance, almost no power loss
- Optimum labeling options, for device location and channel



CASCADING START

MICO eliminates inrush peaks by delaying the start of the single current paths (cascaded). Now use power supplies with lower output current.



MODEL OVERVIEW

MICO (24 V DC)

2 channel	MICO 2.4 (1A/2A/3A/4A) 9000-41042-0100400	MICO 2.6 (1A/2A/4A/6A) 9000-41042-0100600	MICO 2.10 (4A/6A/8A/10A) 9000-41042-0401000
4 channel with GL approval	MICO 4.4 (1A/2A/3A/4A) 9000-41034-0100400	MICO 4.6 (1A/2A/4A/6A) 9000-41034-0100600	MICO 4.10 (4A/6A/8A/10A) 9000-41034-0401000
Accessories			
Bridge set (1 set)	9000-41034-0000002		
Bridge set (10 sets)	9000-41034-0000001		
Shortened button (4 buttons)	9000-41034-0000003		

Contact us for further information on technical details and MICO combination options and switch mode power supplies from Murrelektronik.