

## 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 $\mu$ F PER CHANNEL

MICO supports high capacitive loads of up to 20000  $\mu$ 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

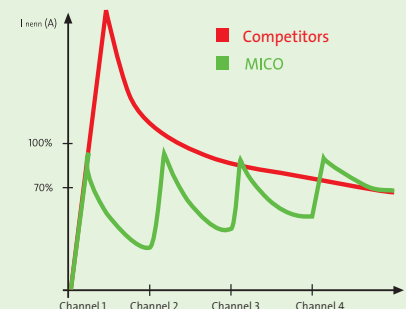
## FEATURES OF MICO

- For capacitive loads of up to 20.000  $\mu$ 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)

<b>2 channel</b>	<b>MICO 2.4</b> (1A/2A/3A/4A) 9000-41042-0100400	<b>MICO 2.6</b> (1A/2A/4A/6A) 9000-41042-0100600	<b>MICO 2.10</b> (4A/6A/8A/10A) 9000-41042-0401000
<b>4 channel</b> with GL approval	<b>MICO 4.4</b> (1A/2A/3A/4A) 9000-41034-0100400	<b>MICO 4.6</b> (1A/2A/4A/6A) 9000-41034-0100600	<b>MICO 4.10</b> (4A/6A/8A/10A) 9000-41034-0401000
<b>Accessories</b>			
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.