

## MICO MONITORS 24 V DC SYSTEMS

### + A Device for All Your Needs: MICO 4.4.10 ACTUATOR-SENSOR

MICO 4.4.10 Actuator-Sensor covers the complete current range from 1 to 10 A in one compact device. It features two channels each for protecting sensors (current range 1 to 4 A) and actuators (4 to 10 A). You get the benefits! Now design MICO systems with even more focus on your application

2x  
1...4 A

#### SENSORS, FOR EXAMPLE

- Proximity Switches
- Pressure Switches
- Light Barriers
- Limit Switches



2x  
4...10 A

#### ACTUATORS, FOR EXAMPLE:

- Valves
- Drives
- Lighting Systems
- Pumps



### + Alert All the Time: MICO 4.10 SPEED START

With its optimized start-up behavior, MICO 4.10 Speed-Start ensures that very sensitive loads with input voltage monitoring (such as fieldbus systems, industrial computers, controls, or drive controls) are powered without any noticeable interruption. This eliminates the problems incurred when such loads switch off automatically.

#### Did You Know?

With MICO Speed-Start 4.10 you can handle capacitive loads of up to 30,000  $\mu$ F – which is 50% more than before! MICO protects up to 15 drive controls per channel without any problems.



#### 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 can simply be snapped onto a DIN rail and is quickly installed

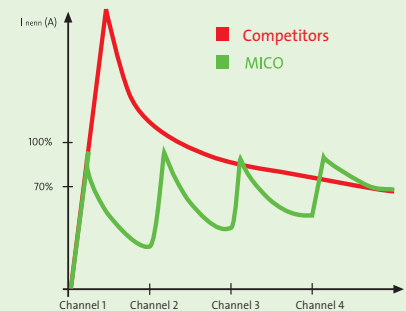
## MICO FEATURES

- Ideal for capacitive loads up to 20.000  $\mu$ F per channel or 30.000  $\mu$ F (MICO 4.10 Speed-Start)
- Maintenance-free with spring clamp terminals
- Adjustable current range for each channel
- Perfect shut-off behavior: as late as possible, as early as necessary
- Temperature does not affect MICO
- No current limits
- Allows remote start with 24 V DC signal
- Manual switch on each channel for start-up 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 in-rush peaks by delaying the start of the single current paths (cascaded). Now you can use power supplies with lower output current.



## MODEL OVERVIEW

**MICO** (24 V DC)

<b>2 channels</b>	<b>MICO 2.4</b>	<b>MICO 2.6</b>	<b>MICO 2.10</b>
Art.-No.	9000-41042-0100400	9000-41042-0100600	9000-41042-0401000
Current ranges	1A/2A/3A/4A	1A/2A/4A/6A	4A/6A/8A/10A
<b>4 channels</b>	<b>MICO 4.4 (GL Approval)</b>	<b>MICO 4.6 (GL Approval)</b>	<b>MICO 4.10 (GL Approval)</b>
Art.-No.	9000-41034-0100400	9000-41034-0100600	9000-41034-0401000
Current ranges	1A/2A/3A/4A	1A/2A/4A/6A	4A/6A/8A/10A
<b>4 channels</b>	<b>MICO 4.4.10 Actuator-Sensor</b>		<b>MICO 4.10 Speed-Start</b>
Art.-No.	9000-41034-0101000		9000-41034-0401005
Current ranges	2 x 1A/2A/3A/4A, 2 x 4A/6A/8A/10A		4A/6A/8A/10A
<b>Accessories</b>			
Bridge set (1 set)	9000-41034-0000002		
Bridge set (10 sets)	9000-41034-0000001		
Shortened button (4 buttons)	9000-41034-0000003		

Please contact us for more information on technical details and how to combine MICO and Murrelektronik switch mode power supplies!