



## MICO

### The intelligent power distribution system

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 24V DC systems:

- **MICO monitors currents:** You can select a maximum individual current value for each channel and MICO will monitor this value. When the value is within the appropriate range the **LED will be solid green.**
- **MICO indicates when current is approaching the maximum load:** When 90% of the selected current load is reached the **LED will flash green.**
- **MICO detects overload:** In case of short circuits, or if the load current exceeds the selected value, MICO switches off the affected channel and the **LED will flash red.**
- **MICO provides flexibility:** Every channel can be manually switched on or off by pressing the button. When this happens the **LED will be red.**

MICO Classic is available in both a two channel and a four channel version. You can combine the modules in any way to create an economical, space saving system within the control cabinet.



## MICO ADVANTAGES

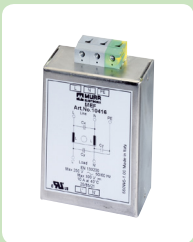
- MICO eliminates the risk of fire and damage caused by over currents
- MICO stores the operating status of individual channels – even after a power reset
- Don't look for errors, find them!
- MICO saves space: up to 30% in the control cabinet
- MICO saves installation and maintenance time: All wire terminators use cage clamps

## MICO has UL approval



## MURRELEKTRONIK Related Products

EMC Filter



MES



MIRO 6.2



EcoRail



Control Cabinet Plug Socket



## APPROVALS OF MICO CLASSIC

- UL508 NRNT2
- UL2367 QVRQ2
- CSA C22.2-14 Class 3211 07

## STATEMENT OF UL:

Products certified according QVRQ2 are valid for control circuit 24V DC (isolated secondary) overcurrent protection in UL508A applications.

## ACCORDING TO UL508A, SA3, QVRQ2

QVRQ2 can be approved by UL and described in manufacturers procedure

## UL Section 40 – Overcurrent protection of control circuit meeting the component selection requirements

Paragraph Reference	Component Description	UL Standard	Category Control Number(s)	Notes
40.1.2	Listed Miscellaneous or Miniature Fuse	UL 248-1	JDYX	
	Recognized Miscellaneous or Miniature Fuse	UL 248-14	JDYX2	
40.1.3	Recognized Supplementary Protector	UL 1077	QVNU2	Procedure Described Only
40.1.4	Recognized Cartridge Fuse Fuseholders	UL 512	IZLT2	

UL 2367 provides for the opportunity to use MICO in situations where like installed UL 1077 breakers are used, based on the described installation and selection procedures of QVRQ2 (UL 2367) and QVNU2 (UL 1077), which are the same type of described procedures for both overcurrent devices. MICO has internal, independent fuses (UL 248-14) permanently mounted on the circuit board for each branch circuit that satisfy UL Section 40 “Overcurrent Protection of Control Circuit Meeting the Component Selection Requirements”.

## | MODEL OVERVIEW

Art. No.	Description	Current Range (adjustable)	Approvals
9000-41042-0100400	MICO Classic 2.4 (2 channels)	1A/2A/3A/4A	CE, UL508, UL2367, CSA C22.2-14
9000-41042-0100600	MICO Classic 2.6 (2 channels)	1A/2A/4A/6A	
9000-41042-0101000	MICO Classic 2.10 (2 channels)	4A/6A/8A/10A	
9000-41034-0100400	MICO Classic 4.4 (4 channels)*	1A/2A/3A/4A	
9000-41034-0100600	MICO Classic 4.6 (4 channels)*	1A/2A/4A/6A	
9000-41034-0101000	MICO Classic 4.10 (4 channels)*	4A/6A/8A/10A	
9000-41034-0101000	MICO Classic 4.4.10 Actuator-Sensor	2 x 1A/2A/3A/4A	CE
		2 x 4A/6A/8A/10A	
9000-41042-0100400	MICO Classic 4.10 Speed Start	4A/6A/8A/10A	

\* GL-Approval

## | ACCESSORIES

Art. No.	Description	Other	Approvals
9000-41034-0000001	Bridge Set	1 set	CE
9000-41034-0000002		10 sets	
9000-41034-0000003	Shortened Buttons	4 buttons	