

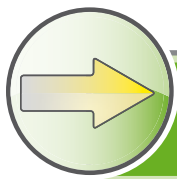
# COMPACT

SYSTEM SOLUTIONS FROM A SINGLE SUPPLIER

## 48 V DC POWER MANAGEMENT

Murrelektronik's 48VDC power management system is ideal for powering machines and systems. Its primary focus is on maximum machine uptime. The system includes not only high performance power supply units but also buffer modules and electronic current monitoring units.

# 48 V

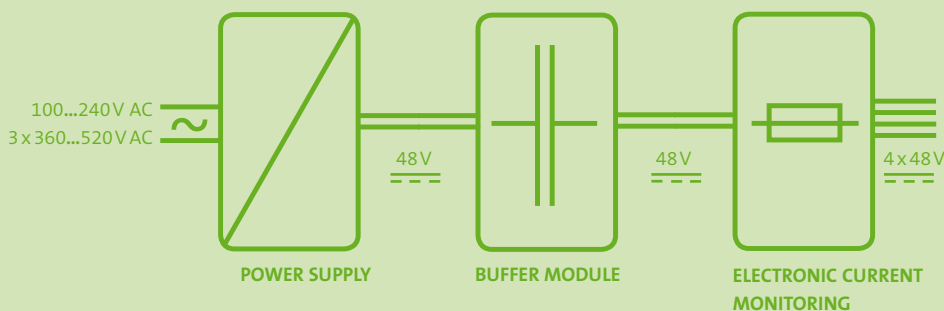


### POWER MANAGEMENT BENEFITS

- Complementary products
- Worldwide applications
- Consistent mounting style
- Maximum system availability
- EMC protection



### 48 V POWER MANAGEMENT



For more information about Murrelektronik and our products visit [www.murrelektronik.com](http://www.murrelektronik.com) or scan the QR code below...



## ONE SOURCE FITS ALL

Murrelektronik is the only company that offers an integrated power management system for 48 VDC. This includes power supply units, buffer modules and electronic current monitoring units that, when working together, ensure machine uptime and maximum EMC protection.

### POWER SUPPLY UNITS



#### Evolution+ 48 VDC, 3-phase, 3 x 360...520 VAC

- Continuous 2-phase operation
- Spring clamp terminals
- Varnished circuit board
- N/O contact



#### Emparro 48 VDC, single phase 100...240 VAC

- Up to 95 % efficiency rating
- 150 seconds Power Boost for up to 4 seconds
- Derating from 60 °C
- N/O contact
- MTBF up to 624,000 h

### BUFFER MODULE



#### Emparro Cap 48 VDC

- Maintenance-free for life thanks to ultra capacitors
- Slimmest 48 V buffer module in the world
- LED indicators
- N/O contact

### ELECTRONIC CURRENT MONITORING



#### MICO+ 48 VDC

- Optimum tripping time
- Spring clamp terminals
- Temperature independent tripping time
- Alarm contact & remote restart

## ORDERING DATA

Power Supply	Current	Art. No.
Evolution+ 48 VDC, 3-phase, 360...520 V AC	5 A	85009
	10 A	85010
	20 A	85011
Emparro 48 VDC, single phase, 100...240 V AC	2.5 A	85437
	5 A	85438
	10 A	85439
<b>Buffer Module</b>		
Emparro Cap 48 VDC	20 A – 0.1 sec	85459
<b>Electronic Current Monitoring</b>	<b>Current adjustment</b>	
MICO+ 48 VDC	1, 2, 3, 4 A	9000-42084-0100400
	1, 2, 4, 6 A	9000-42084-0100600