

# COMPACT

POWER SUPPLY DIRECTLY AT THE FIELDBUS MODULE

## EVOLUTION67

### THE SWITCH MODE POWER SUPPLY FOR IP67 APPLICATIONS

In compact machines, there is often not enough room for a control cabinet. However, the fieldbus modules have to be supplied with power (24 V). Murrelektronik's new power supply units from the Evolution67 series take on this task. They are installed directly in the field and so they are close to the loads.



#### ATTRACTIVE ATTRIBUTES

- Power supply directly next to the load in the application
- Low power loss
- Supports modular machine concepts
- No terminal boxes required
- Easy to install with Murrelektronik connectors
- Extremely rugged housing (IP67)
- Flame-retardant according to UL 94 5VA



#### EVOLUTION67'S SELLING FEATURES...

- Resistant to dirt and coolants
- Wide temperature range of -25 °C to +70 °C
- High resistance to shock and vibration
- Outputs meet the NEC Class II standard
- Permanently protected from short circuits

#### MORE CAPACITY WITH POWER BOOST

The output current of 3.8 A makes sure the requirements of Limited Power Source IEC/UL/EN 60950-1 (NEC Class II) are met. The model with 8 A and Power Boost function is an excellent solution for higher output current. It offers up to 150% more power for up to 4 seconds.

#### POWER BOOST



Single phase,  
primary switched – IP67

Evolution67  
Current 3.8 A

Evolution67  
Current 8 A

Evolution67  
Current 2 x 3.8 A



Picture represents similar product

Ordering data	Art.-No. 85673	Art. No. 85674	Art. No. 85675
Output voltage	24V DC (SELV), +2 %		
Connection input	M12 c-coded, 3-pole		
Connection output	7/8" 5-pole	2x 7/8" 5-pole	
Protection	permanently protected from short circuits		
Mains failure bridging	> 50ms		
Status display	LED green/red		
Dimensions ( L x W x H )	170x85x35mm	245x122x74mm	
Approvals	CE, corresponding to NEC Class II	CE	CE, corresponding to NEC Class II

## EVOLUTION67 – EASY TO INSTALL WITH MURRELEKTRONIK CONNECTORS

The power supply units can be easily installed with Murrelektronik's new M12 connectors for 230 VAC, which are equipped with a plastic hexagonal screw in signal red. With its C coding, the unit makes the installation safer – wiring errors are eliminated. The Evolution67 power supply is directly connected at the output to Murrelektronik fieldbus modules with 7/8" connectors.



### EVOLUTION67 SINGLE PHASE

Rugged and fully potted housing with IP67 protection



## IP67 ACCORDING TO DIN EN 60 529 MEANS...

- 6 Dust cannot penetrate the housing
- 7 The unit is protected against the impact of temporary submersion in water. Ingress of water in a harmful quantity is not be possible when the housing is immersed in water for 30 minutes up to 1 meter.