Product Overview

Industrial Power Supplies for PoE/PoE+ Applications

Description

Active network components that feature Power-over-Ethernet or Power-over-Ethernet+ usually require an external high-performance 48 VDC power supply. MICROSENS offers special power supply units for this extremely demanding use.

The main feature of this power supply unit is the insensitiveness towards electrical interference, which is crucial, especially for applications prone to failure. Further important properties are the high efficiency, extended temperature range, the compact dimensions and simple installation (snap-on) on DIN rails.

The robust power supply units are offered in the power classes 50, 120, 240 and 480 W. The output voltage of 48 VDC can be set directly on the power supply unit up to 56 VDC, which is of special significance for PoE+ (according to IEEE 802.3at with up to 30 W per port). All devices also include effective overvoltage and overload protection.

Properties

- Top reliability and availability
- High efficiency
- Wide-range input 85..264 VAC or 90..132 / 180..264 VAC (auto select)
- Adjustable output voltage 48..56 VDC or 45..55 VDC
- Power classes 50W / 120W / 240W / 480W
- Effective overvoltage and overload protection
- Parallel operation of up to 3 power supply units (only MS700456/457/458)
- Compact dimensions, low tare weight
- Extended temperature range -10..+70°C (MS700455), -35..+70°C (MS700456), -40..+70°C (MS700457/458)

Order Information

Description	Article Number
DIN Rail mounting power supply 50W 48VDC/1.05A	**MS700455**
DIN Rail mounting power supply 120W 48VDC/2.5A	**MS700456**
DIN Rail mounting power supply 240W 48VDC/5 A	**MS700457**
DIN Rail mounting power supply 480W 48VDC/10A	**MS700458**