

Data Sheet

Micro Power Supply



Description

The MICROSENS Micro Power Supply is designed for snap-in-mounting in a cable duct. The primary area of application is to supply Micro Switches with DC power for PoE+ (PSE) devices. In order to simplify IT Service Management processes the Micro Power Supply consists of separate LEDs for monitoring the AC Input and the DC Output. During recording and root cause analysis of incidents this feature enables a Service Desk Analyst to easily classify network malfunctions which may be related to the availability of power. The operation of the power supply is visible at a glance.

Features:

- 54 VDC, 70 W
- Fully compatible with PoE+, IEEE 802.3at
- Independent Control LED's to indicate availability of AC Input- and DC Output-Voltage
- Support of IT Service Management processes
- Efficient, fan-less radiation of thermal losses to prevent hot spots in the cable duct
- Form factor of 90x45 mm² and shape are identical with MICROSENS Micro Switches
- Fast and easy assembly

Application Example


Pre-assembled desktop duct including power sockets, Micro Switch and Micro Power Supply:



Technical Specifications

Type	Micro Power Supply
Voltage Input	90..264 VAC
Voltage Output	54 VDC
Maximum Output Load	1.3 A, short-circuit-proof
Full Load Efficiency	≥ 89 %
Input connector	3-pin screw terminal for solid or stranded wires: PE, N, L - max. conductor cross section: 1.5 mm ² - stranded wires may only be used together with wire end ferrules
Output connector	3-conductor cable, permanently mounted: ground, minus, plus - stranded wires with wire end ferrules - core cross section: 0.5 mm ² - cable length: 0.5 m
Display	- LED to indicate 'AC input voltage available' - LED to indicate 'DC output voltage available'
Hardware Installation	Snap-in-mounting 45 mm
Operating Temperature	0..+40 °C
Storage Temperature	-20..+85 °C
Operation Humidity	10..85 % (non-condensing)
MTBF	> 400,000 h
Dimensions (L x W x H)	90 x 45 x 48 mm ³
Weight	Approx. 250 g

Ordering Information

	Description	Art.-No.
	Micro Power Supply	
	Micro Power Supply, 230 VAC, 54VDC, 70 W Power Supply for Micro Switches, snap in-mounting	MS700750

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