

FLZ600 Pfannenberg Mechanical Hygrostat for Enclosure Humidity Control

SKU: FLZ600

Price: \$98.74

Categories: Switching Power Supplies

Tags: Pfannenberg

Product Link:

<https://www.electspares.com/product/flz600-pfannenberg-mechanical-hygrostat-for-enclosure-humidity-control/>

Product Description

The Pfannenberg FLZ600 Mechanical Hygrostat is an essential, high-reliability component for active humidity management within industrial control cabinets and electrical enclosures. Designed to prevent catastrophic equipment failure caused by moisture condensation, the FLZ600 accurately monitors the relative humidity (R.H.) and utilizes a highly responsive changeover contact to switch connected devices.

This unit's primary function is to eliminate internal condensation by activating anti-condensation heaters or to manage heat buildup by triggering cooling fans. With a precise R.H. setting range of 40-90% and a robust AC switching capacity of up to 5 A, the FLZ600 ensures critical electronic components are protected from humidity-related corrosion and faults across a wide industrial temperature envelope (0°C to +60°C). It features simple 35 mm DIN rail mounting (EN 60715 compliant) for rapid integration into any system.

FLZ600 Technical Specifications

Function: Humidity Regulation for enclosure anti-condensation

Contact Type: Spring Changeover Contact

IP Protection Class: IP20

Dimensions (H x W x D): Approx. 60 x 37 x 47 mm

Setting Range (Relative Humidity): 40-90 % R.H.

Switching Temperature Range: 0 to +60 °C / +32 to +140 °F

Operating Temperature Range: 0 to +60 °C / +30 to +140 °F

Storage Temperature Range: -20 to +80 °C / -4 to +176 °F

Applicable for Control: Fans and Heaters

Mounting Method: 35 mm DIN Rail clip-on mounting (EN 60715 standard compliant)

NCC AC Breaking Capacity: 24-250 V AC / 2 (0.2) A - min. 100 mA

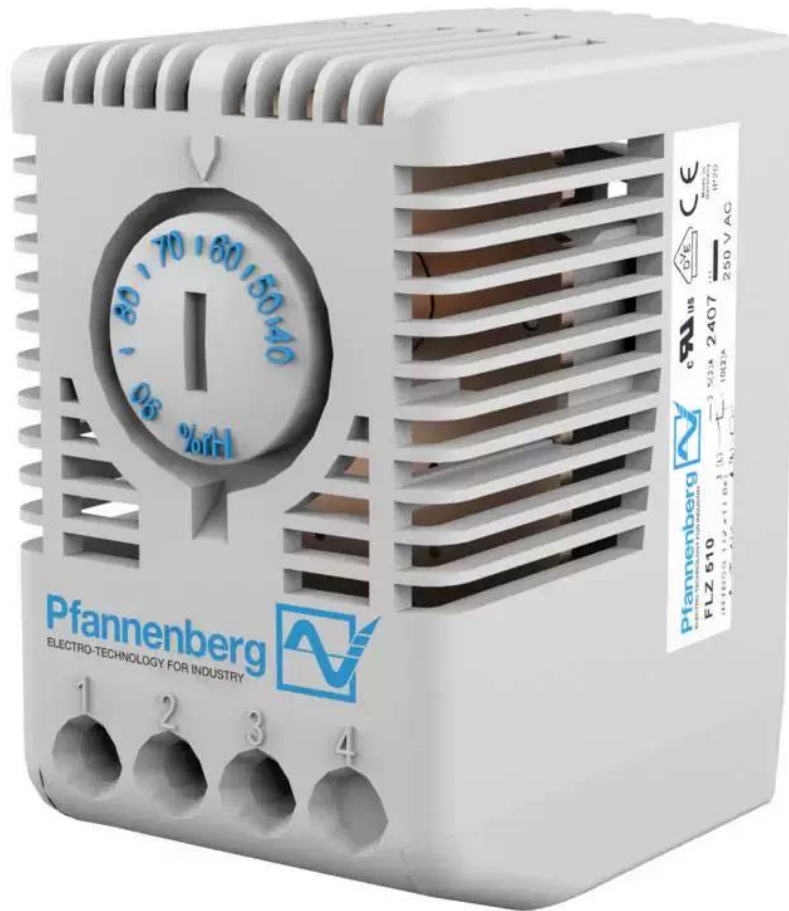
NOC AC Breaking Capacity: 24-250 V AC / 5 (0.2) A - min. 100 mA

DC Breaking Capacity (50V): 50 V, 1 A - min. 100 mA

DC Breaking Capacity (75V): 75 V, 0.5 A - min. 100 mA

Product Images









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