

PRESS-RELEASE

Stepless Power Controller gives increased thermal comfort with energy savings

Automatikprodukter AB, Sweden introduces TUD 102, a DIN rail mounted 2kW thyristor unit developed to control continuously electric batteries from BMS/PLC or other controller with 0-10Vdc output signal and raise/lower.

Accurate regulation increases thermal comfort. The TUD 102 adapts quickly to temperature change for the air-heated ventilation or if it is heated up by panel radiators.

The accurate stepless control increases thermal comfort and reduces energy costs.

The TUD 102 uses solid state switching on/off by the pulse modulation technique PWM.

The major advantage of the TUD 102 is high precision, with stepless control 0-100% of the ratio between on/off time depending of the actual heating demand.

The TUD 102 has no moving parts that can be destroyed.

Power supply is by means of semiconductors with zero crossing to reduce RFI-problems.

The TUD 102 has over-temperature protection, which resets automatically.

AP's power controllers deliver up to 400 kW at 220V-255Vac or 380-440Vac for different control of electrical heater batteries or other electrically resistive loads.