

PRESS RELEASE 03/13

IP67 Power Supply Units for Direct Mounting in the Field

Turck's robust 24 V switched mode power supply units for field mounting reduce cabling

Mülheim, February 19, 2013 – Turck is offering customers that require a 24 volt power supply directly in the field a series of switched mode power supply units with IP67 protection. A large amount of expensive cabling with large cross sections is required if the field device and the control cabinet for the plant are large distances apart. The use of power supply units with IP67 protection is particularly suitable here, since they provide a 24V power supply directly in the field without any voltage drop. Due to their degree of protection to IP67, the new PSU67 power supply units can also be fitted directly to the machine without any protective measures.

The power supply units offer a high level of failsafe performance, thanks to their no-load and short-circuit protection as well as passive air cooling. The devices also automatically bridge voltage dips of up to 50 ms. The high efficiency of the devices ensures a good energy balance of up to 90%. The AC/DC wide range input and an ambient temperature range from -25 to +60 °C make the power supply units suitable for worldwide use. They feature a voltage output with a 4-pin 7/8 inch connector. LEDs indicate the actual operating state to the user.

Turck is offering the PSU67 series switched-mode power supply units in four variants: A 2 A, 4 A and an 8 A variant, each with one output, and a variant with two 4 A outputs. The power supply units are compliant with the requirements of EN 60950-1 and the cULus and CE approval.



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With its robust IP67 switched-mode power supply units, Turck is offering a 24 V power supply directly in the field

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