

POWER SUPPLY UNIT IN IP67



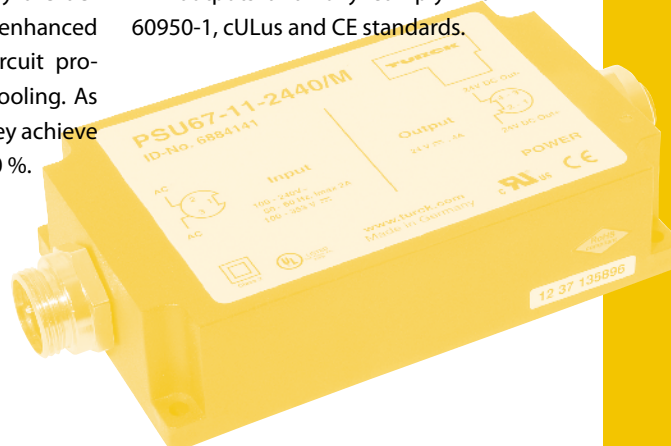
IP67 – Power supplies for field installation

TURCK offers IP67 power supply units for customers who need 24 V field power but want to avoid costly cable routing. The PSU67 supply 24 V directly to the field without voltage drops. Protective measures are not required as compared to IP20 rated PSUs. They can also be mounted directly on machines.

Short power drops of maximally 50 ms are bypassed independently by the devices. Failsafe operation is enhanced through no-load and short-circuit protection as well as passive air cooling. As real low-voltage consumers, they achieve high efficiency rates of up to 90 %.

The PSU67 can be applied worldwide, thanks to the AC/DC wide-range input and their temperature range of -25 °C...+60 °C. They are by default equipped with a 4-pin, 7/8 inch female connector for voltage output. LEDs indicate the operating status.

Our PSU67 are available as versions with one 2-A, 4-A or 8-A output or with two 4-A outputs and fully comply with EN 60950-1, cULus and CE standards.



Your advantages

- AC/DC wide-range input, worldwide use
- High operational availability through mains buffering, open and short circuit-protection and passive air cooling
- High efficiency
- Status LEDs
- Safety extra low voltage SELV acc. to DIN EN 60950-1

Sense it! Connect it! Bus it! Solve it!

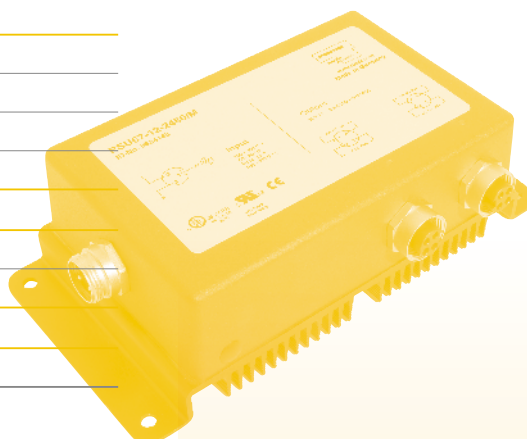
Technical features

TURCK

**Industrial
Automation**

Technical features

| Input | |
|-------------------------------|--|
| Operating voltage | 100...240 VAC, 50/60 Hz; 100...300 VDC |
| Connection | 3-pin 7/8" |
| Mains buffering time | ≥ 50 ms |
| Power Factor Correction (PFC) | > 0.98 |
| Output | |
| Nominal voltage | 24 VDC |
| Connection | 4-pin 7/8" |
| Temperature range | |
| Operating temperature | -25...+60 °C |



| Type code | PSU67-11-2420/M | PSU67-11-2440/M |
|------------------|--|--|
| Ident no. | 6884140 | 6884141 |
| Nominal current | 2 A | 4 A |
| Dimensions | 85 x 172 x 35 mm | 85 x 172 x 35 mm |
| Weight | 765 g | 765 g |
| Protection class | II | II |
| Mounting | 4 mounting holes Ø 5.0 mm | 4 mounting holes Ø 5.0 mm |
| Housing material | Glass fiber reinforced polyamide (PA66-GF25) | Glass fiber reinforced polyamide (PA66-GF25) |



| Type code | PSU67-11-2480/M | PSU67-12-2480/M |
|------------------|---------------------------|---------------------------|
| Ident no. | 6884147 | 6884148 |
| Nominal current | 8 A | 2 x 4 A |
| Dimensions | 122 x 245 x 70 mm | 122 x 245 x 70 mm |
| Weight | 3268 g | 3250 g |
| Protection class | I | I |
| Mounting | 4 mounting holes Ø 6.6 mm | 4 mounting holes Ø 6.6 mm |
| Housing material | Aluminium, ADC-12 | Aluminium, ADC-12 |



To get all product information, just scan the QR code with a smart-phone or webcam

Hans Turck GmbH & Co. KG
Witzlebenstr. 7
45472 Muelheim an der Ruhr
Germany
Tel. +49 208 4952-0
Fax +49 208 4952-264
E-Mail more@turck.com
Internet www.turck.com

D301299 2013/04

