

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

Technical features

Input

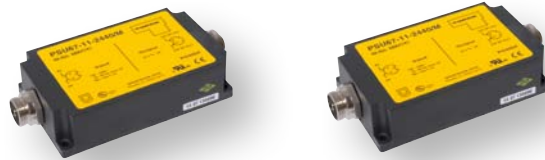
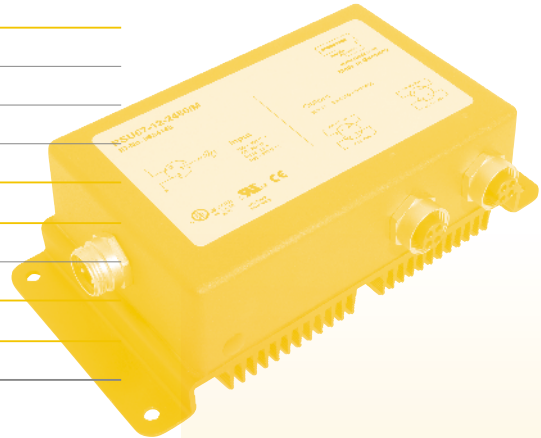
Operating voltage	100...240 VAC, 50/60 Hz; 100...300 VDC
Connection	3-pin 7/8"
Mains buffering time	≥ 50 ms
Power Factor Correction (PFC)	> 0.98

Output

Nominal voltage	24 VDC
Connection	4-pin 7/8"

Temperature range

Operating temperature	-25...+60 °C
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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

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