

**TURCK**  
*works*

Industrial  
Automation

**IP 67  
Power  
Supplies**



[www.turck.com](http://www.turck.com)

# POWER UP YOUR APPLICATION WITH TURCK

Power supplies by **TURCK** offer unparalleled functionality and quality. They are powerful, durable and offer a high degree of flexibility in any industrial application.

**TURCK** power supplies are extremely resistant to harsh environmental conditions. The modules are vacuum encapsulated in potting material that provides self extinguishing capability and meets UL94-VO. Other advantages of vacuum encapsulation include:

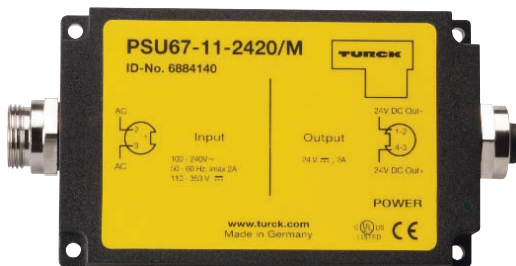
- Extended service life by providing efficient heat dissipation of power semiconductors
- Minimizes the required air gap between devices (0.4 mm according to EN 60 950)
- Increased environmental protection, IP 67
- Insensitive to shock and vibration
- Flange mounting either on or off machine



## PSU67 - Encapsulated Series (IP 67)

To address a growing trend in the industrial automation marketplace, the PSU67 power supply modules were designed for on-machine and factory floor installations, with the elimination of a traditional protective enclosure. Literally, these power supplies can be mounted and used anywhere.

**TURCK's** power supplies use a unique thermoselective vacuum encapsulation process that facilitates use in extremely harsh environmental conditions, including washdown applications.



➔ **TURCK's IP 67 power supply will quickly emerge as the de facto standard**

## Specifications

Output Power	50 W, 100 W, 200 W (Future Dual Output)
Input Voltage Range	90-264 VAC / 110-375 VDC
Output Voltage	24 VDC
Efficiency	Up to $\geq 90\%$
Isolation Protection	3.3 kVAC
Ambient Temperature	-25 to +60°C (-13 to +140°F)
Case, Potting Material	UL94-VO / Vacuum Encapsulated
Protection Class	II
Derating	2% K max
Connection Type	7/8-16UN <i>minifast</i> ®
Mounting	Flange
Approvals	UL, CE, CAN/CSA



Part Number	ID Number	Wattage	V Output	I Output	Dimensions (mm)
PSU67-11-2420/M	M6884140	50	24 VDC	2 A	166 x 85 x 35
PSU67-11-2440/M	M6884141	100	24 VDC	4 A	166 x 85 x 35

- TURCK power supplies are 30% smaller than competition
- A smooth surface makes the power supplies ideal for food, beverage and pharmaceutical applications
- TURCK power supplies reduce installation costs and simplify connectivity

**TURCK IP 67 power supplies offer unparalleled functionality and quality. They are exceptionally powerful, environmentally resistant and extremely small. Truly innovative and exactly what the automation industry is looking for in a power supply solution.**



# Accessories



## Input Power Cable

- WKM 30-\*M Right Angle Female/Input Power
- RKM 30-\*M Straight Female/Input Power



## Output Power Cable to Power DeviceNet™ Trunk

RSM 40-\* -WKM 50/DN

## Output Power cable to Power FDNP Auxiliary Power

RSM 40-\* -WKM

## Output Power Cable to Power BL67-GW-DP, EN or FLDP Stations

RSM 40-\* -WKM 50/BL67

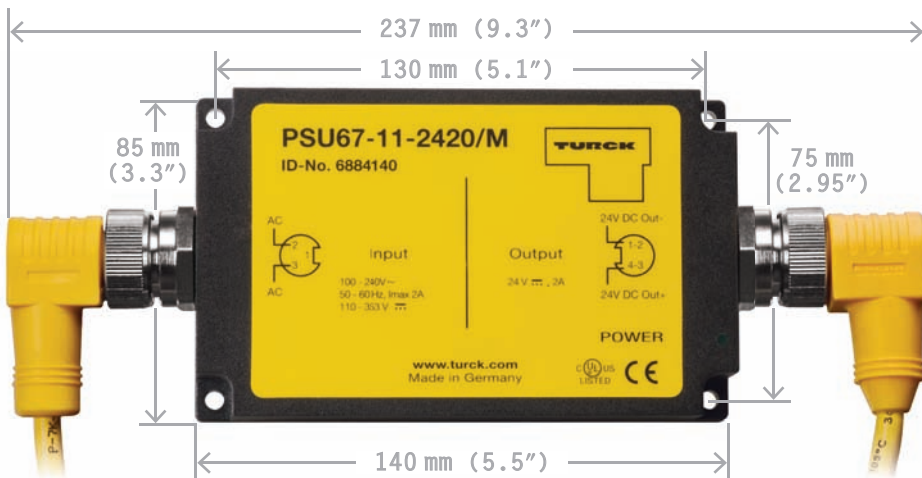


## Field Wireable Connectors

- B 4131-0/9 Straight Female/Input Power
- B 4231-0/9 Right Angle Female/Output Power
- BS 4131-0/9 Straight Male/Input Power
- BS 4231-0/9 Right Angle Male/Output Power

\* Length in Meters.

## Dimensions



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 Finally, an IP 67 power supply that can be machine mounted without a protective enclosure

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