

# Power supplies

## iT001, iT002, iT004

### SPECIFICATIONS

	iT001	iT002	iT004
<b>Input voltage:</b>			
DC	90 - 350 VDC	90 - 350 VDC	90 - 350 VDC
AC, 45-65 Hz	85 - 264 VAC	85 - 264 VAC	85 - 264 VAC
<b>Input fuse, internal/slow blow</b>	1.25 A	2.50 A	3.15 A
<b>Nominal output voltage</b>	24 VDC $\pm$ 1%	24 VDC $\pm$ 1%	24 VDC $\pm$ 1%
<b>Output current</b>	1 A (up to 60°C)	2 A (up to 60°C)	4 A (up to 60°C)
<b>Insulation voltage input/output</b>	3 kV (type test)	4 kV (type test)	3 kV (type test)
<b>Dimensions:</b>			
Width	0.89" (22.5 mm)	1.77" (45.0 mm)	2.66" (67.5 mm)
Height	3.90" (99.0 mm)	3.90" (99.0 mm)	3.90" (99.0 mm)
Depth	4.50" (114.5 mm)	4.50" (114.5 mm)	4.50" (114.5 mm)
<b>Connection type</b>	iT042 screw/plug connection (supplied)		
<b>Conductor gauge</b>	14 - 24 AWG		
<b>Stripping length</b>	0.28" (7 mm)		
<b>Protection:</b>			
Degree	IP20		
Class	Class 2 (in an enclosed control cabinet)		
<b>Temperature:</b>			
Operation	-25° to +70°C (-13° to +158°F)		
Storage	-40° to +85°C (-40° to +185°F)		
<b>Relative humidity, operating</b>	95% max, 25°C, no condensation		
<b>Mounting positions on DIN rail</b>	Horizontally: with zero spacing Vertically: with 1.97" (50 mm) spacing		
<b>Approvals</b>	UL, CE		
<b>Signaling:</b>			
Green LED, constant	proper supply voltage		
Green LED, flashing	BOV out of range		
Red LED, constant	error condition		
Red LED, flashing	normal operation		

### Key features

- Provides 24 VDC to power intelligent transmitter series modules
- Usable at high temperatures
- AC and DC voltage
- Manufactured in an ISO 9001 facility



iT model	Current requirement
iT100	125 mA
iT200	125 mA
iT400	160 mA

Note: Due to continuous process improvement, specifications are subject to change without notice.  
This document is cleared for public release.

# Mouser Electronics

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