

Power supplies

iT001, iT002, iT004

SPECIFICATIONS

	iT001	iT002	iT004
Input voltage:			
DC	90 - 350 VDC	90 - 350 VDC	90 - 350 VDC
AC, 45-65 Hz	85 - 264 VAC	85 - 264 VAC	85 - 264 VAC
Input fuse, internal/slow blow	1.25 A	2.50 A	3.15 A
Nominal output voltage	24 VDC ±1%	24 VDC ±1%	24 VDC ±1%
Output current	1 A (up to 60°C)	2 A (up to 60°C)	4 A (up to 60°C)
Insulation voltage input/output	3 kV (type test)	4 kV (type test)	3 kV (type test)
Dimensions:			
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)
Connection type	iT042 screw/plug connection (supplied)		
Conductor gauge	14 - 24 AWG		
Stripping length	0.28" (7 mm)		
Protection:			
Degree	IP20		
Class	Class 2 (in an enclosed control cabinet)		
Temperature:			
Operation	-25° to +70°C (-13° to +158°F)		
Storage	-40° to +85°C (-40° to +185°F)		
Relative humidity, operating	95% max, 25°C, no condensation		
Mounting positions on DIN rail	Horizontally: with zero spacing Vertically: with 1.97" (50 mm) spacing		
Approvals	UL, CE		
Signaling:			
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.

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