

MIW150 SERIES

AC/ DC Power Supplies: 150 Watts



Features

- Rugged Industrial grade design
- Universal input: 95-264VAC
- Convection cooled: No fans
- Over voltage protection
- Overload and short circuit protection
- MTBF > 130,000hrs
- Specials output voltage options
- Any output from 12vdc ~ 125vdc possible
- Output DC Fail alarm -Option

General Specifications

Input Voltage	95 ~ 264VAC
Frequency	47 – 63Hz
Input Protection	Inrush current limiting Varistor Internal safety fuse
Isolation	Input - Output 4300vdc Input – Chassis 2250vdc Output – Chassis 500vdc
Efficiency	Model dependent , typically 80%
Output voltage	See tables
Output Power	150 watts
Parallel Operation	Not on standard models
Voltage adjustment	Customer specified, typically 5%
Line Regulation	Output voltage dependant Typically: ±1%
Load Regulation	Max 5% for 10-50% load step.
Output Protection	Over voltage protection Constant Current limiting, with hiccup mode for short circuit protection. Thermal shutdown.
EMI	EN55022 class A
Immunity	EN61000-4
Shock & Vibration	Designed to meet IEC61373 Cat 1 A & B
Operating Temp.	0°C to +50°C at full load. +70°C at 50% load.
Humidity	5-95% non-condensing
Cooling	Convection & Conduction via base plate
Connector	9-pole barrier-type terminal block
Dimensions	201 x 114 x 5mm (F1) 0.8kg

Description

The **MIW150** Series Industrial AC/DC power supplies, is mainly intended for special output voltages, in a wide range of industrial applications.

Cooling is by natural convection and conduction via the base plate for optimum performance....no fans.

Optional ruggedizing & conformal coating is available, for immunity to shock, vibration, humidity, moisture, dust and insects.

In addition, a range of options are available, allowing customers' total flexibility to specify a unit that is specific to their application.

Options

Output Voltage	Special voltage output, up to 125VDC
Alarm	Voltage Free contacts
N+1 Redundancy	Output redundancy diode for parallel operation
Rack mount	Various 19in Rack mount options

Part No Configuration:

MIW150-48FT (95-264VAC / 48V 150W)

Series / Power	Output V	Options
MIW150 =150W	12	Options and Factory Assigned No.
	24	
	28	
	30	
	36	
	48	
	60	
	72	
	110	
	120	
	125	

- Output voltage is customer specified, together with any special options / features.