

MODEL 6524

DC Power Supply

- Three DC voltage outputs
- For output currents up to 400ma
- Isolated outputs

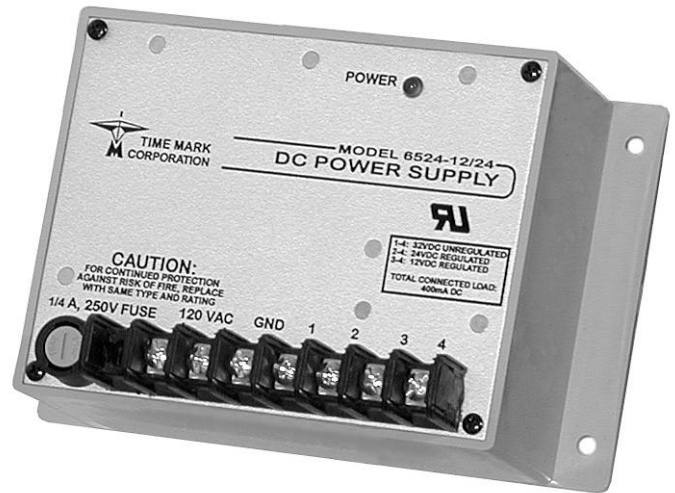
DESCRIPTION

The **Model 6524 DC Power Supply** is a linear power supply, designed to provide DC operating voltage for instrumentation control modules.

Each option provides three output selections as shown in the table below. For example the Model 6524-120-24 has output options of 24 VDC regulated, 12 VDC regulated, and 32 VDC unregulated.

All outputs for the Model 6524 are floating, electrically isolated from ground. A front-mounted power status indicator (POWER LED) comes ON when power is applied.

Applications for this device include two-wire loop transducers (pressure, voltage or electrical current), alarm indicators, meters and timers.



SPECIFICATIONS

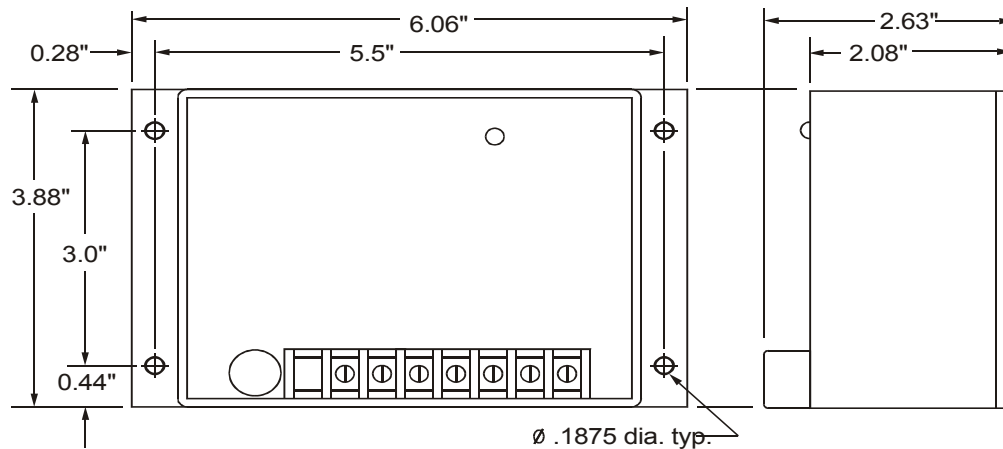
Model	6524
Supply voltage	120 VAC (nominal)
Operating frequency	60 Hz
Power consumption	20 watts maximum
Outputs	See table below
Maximum combined current	400ma
Isolation potential	600 V maximum
Operating temperature	-40° to +50° C
Humidity tolerance	0-97% w/o condensation
Enclosure material	ABS plastic
Weight	10 ounces
Mounting	Surface mount—4 holes

Ordering Information: Choose one of the two options from the table below

MODEL 6524 OUTPUT OPTIONS

Model 6524-120-12/5	Model 6524-120-24/12
12 VDC regulated	24 VDC regulated
5 VDC regulated	12 VDC regulated
16 VDC unregulated	32 VDC unregulated

DIMENSIONS



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MODEL 6524 DC Power Supply

READ ALL INSTRUCTIONS BEFORE INSTALLING, OPERATING OR SERVICING THIS DEVICE.
KEEP THIS DATA SHEET FOR FUTURE REFERENCE.

GENERAL SAFETY

POTENTIALLY HAZARDOUS VOLTAGES ARE PRESENT AT THE TERMINALS OF THE MODEL 6524.
ALL ELECTRICAL POWER SHOULD BE REMOVED WHEN CONNECTING OR DISCONNECTING WIRING.
THIS DEVICE SHOULD BE INSTALLED AND SERVICED BY QUALIFIED PERSONNEL.

Installation Instructions

WARNING

The Model 6524 DC Power Supply is only to be used with the 120 VAC nominal input voltage.

INSTALLATION

Holes for 4 screws are provided for surface mounting of this device (see the Dimensions diagram on other side of this data sheet). Referring to the Model 6524 connection diagram on the unit, connect the input voltage and the wiring for the desired output. When power is ON, the POWER LED on the face of the unit will be illuminated.

WARRANTY

The **Model 6524 DC Power Supply** is warranted to be free from defects in materials and workmanship, for a period of one (1) year. For a complete warranty statement, refer to the *Terms and Conditions* page in the front of your Time Mark catalog.

TROUBLESHOOTING

Should the Model 6524 DC Power Supply fail to operate, check all connections. Verify that the proper input source voltage is present, and check all fuses.

NOTE: *If the fuse on the unit must be replaced, observe the fuse rating indicated on the unit, and replace with the proper type and rating.*

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