

VENTEX TECHNOLOGY, LLC
User's Guide: VT-DF01 DIMMER-FLASHER

UL 2161 LISTED
NEON POWER SUPPLY ACCESSORY

Only For Use With VT5520A-120F Neon Power Supply

Thank you for purchasing a Ventex Neon Power Supply Accessory. Please read the following tips and directions carefully to insure proper installation and operation. It is the responsibility of the user to ensure installation complies with local electrical codes.

Features:

- FLASHING Mode -

FLASH 1 - Provides adjustable signal to 5520A that will turn 5520A unit ON & OFF. The rate of Flashing can typically be set anywhere from 12 per second to less than 1 Flash every 5 seconds.

FLASH 2 - Provides the same signal as FLASH 1 but is out of phase. ie- When FLASH 1 is "ON" FLASH 2 is "OFF" and Vice-Versa.

NOTE: The "ON" Period is Equal to the "OFF" Period

- DIMMING Mode -

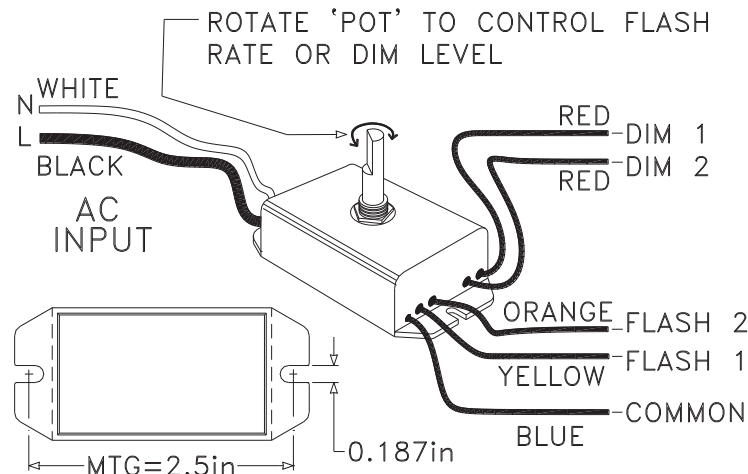
DIM 1 - Provides Dimming Adjustment for 5520A Neon Power Supply From Near Full Dark to Full Brightness Regardless of 5520A Load.

DIM 2 - Second 5520A Dimming Capability

SPECIFICATIONS:	VT-DF01
Input Voltage	120V RMS
Input Voltage Range	108Vac - 132Vac
Max Load Input Curr.	12ma RMS
Line Frequency	50/60Hz
Output Signals (ref to Common)	10V (High) // 0V (Low)
Output Current	Typ 2mA RMS
Operating Temperature	-30° to 122°F (-34° to 50°C)
Size (LxWxH)	2.75" x 1.5" x 0.75"
Weight	2.7oz. (76g)

READ CAREFULLY BEFORE INSTALLATION

- SHOCK HAZARD:** DO NOT CROSS-CONNECT INPUT LEADS (LIVE & NEUTRAL). INCORRECT WIRING OF INPUT MAY CAUSE SHOCK HAZARD.
- CAUTION:** Output Leads Common to Neutral
- Unit not to be mounted in a position where it can stand in water.



INSTALLATION AND OPERATION

(Note: 5520A's must also be connected to 120Vac Power and proper Load)

1. Firmly secure the Unit to the application with proper Mounting Hardware. The Unit Can be Mounted 2 Ways:

- 1) Mounting Base W/Screws or
- 2) 3/8in. Diameter Hole (Nut & Washer Provided for 3/8 Hole Mounting)

3. Wire the Unit Input Leads to a Proper Source of 120Vac Power.
3. Follow all applicable UL, NEC and local codes.
4. Connect Output Control Leads as Follows:
In all Cases, First Connect COMMON (BLUE) Lead of Unit to BLUE Lead of 5520A.

For Dimming Function.

Connect DIM 1 (RED) Lead to RED Lead of 5520A.
If a Second 5520A is to be controlled then Connect DIM 2 (RED) to Second 5520A RED Lead. Connect BLUE Lead of Second 5520A to COMMON (BLUE) Lead and First 5520A BLUE LEAD.

For Flashing Function.

Connect FLASH 1 (YELLOW) Lead to RED Lead of 5520A.
If a Second 5520A is to be Flashed then Connect FLASH 2 (ORANGE) to Second 5520A RED Lead. Connect BLUE Lead of Second 5520A to COMMON (BLUE) Lead and First 5520A BLUE LEAD.

TROUBLE - SHOOTING TIPS

When in slow Flash mode, you may have to wait 4-8 seconds for first initial Flash after power has been applied.
Confirm that VT5520A Neon Power Supply is operational before Connecting and Turning on Dimmer-Flasher Unit

Note: Do not attempt to disassemble VT-DF01 for repairs. This action will void any warranty offers made by Ventex.

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EMAIL info@ventextech.com
PHONE (803) 794-8061
TECH. SUPPORT (877) 908-9193
ADDRESS 3490 Venture Drive, San Angelo, TX 76905
VENTEXTECH.COM