

TPD-VDIAL Over/Under Voltage Shutoff with time delay eliminates overvoltage and under voltage damage, lockups, glitches and reprogramming issues.

Improve power quality for your sophisticated electronic loads. Service calls for **rebooting, reprogramming and replacing processors, circuit boards and components** can be a never-ending battle. The TPD-VDIAL gives systems integrators in line over voltage and under voltage protection with a 3 minute time delay eliminating nuisance lockups and glitches. The TPD-VDIAL offers integrators a cost effective solution to have equipment automatically shutdown and reset on low voltage conditions, without being there. The VDIAL also protects against overvoltage conditions and can be used to protect any 120 volt electronic load. Use on electronics installed in remote locations, Islands, International or Domestic destinations where power quality is a concern. Strategically eliminate lockups and or the use of batteries to keep electronics running. Remote geographic locations can be plagued with AC power that will rise and fall during the day causing lockup and damage. The TPD-VDIAL removes power during both over voltage conditions 130V or above and under voltage conditions 105V-90V or lower. The low voltage part of the unit can be set between 105V-90V to help protect against low voltage lockups.

Great Tool For Your TOOL BOX!
Solve Problems Today
Eliminate Over Voltage Failures
Reduce Under Voltage Lockups

AV Racks
Network Racks
Refrigeration

SMART PLUG



SPECIFICATIONS

Applications: 120V Electronic Voltage Dial For over voltage and under voltage protection.

Design: Solid State fail-safe design

Warranty: 3-Year Unlimited Free Replacement

Max Current: 20 amps

Wires Protected: All wires.

Dimensions : 4.70"H x 3.20"W x 2.28"D

Enclosure Type: Non-metallic

Connection Method: One Outlet

Mounting Method: Wall mount to outlet (no cord)

Operating Temperature: -40° C to 85° C (-40° F to 185° F)

Weight: 0.75 lbs. (0.34 kg)

VDIAL PERFORMANCE SPECIFICATIONS

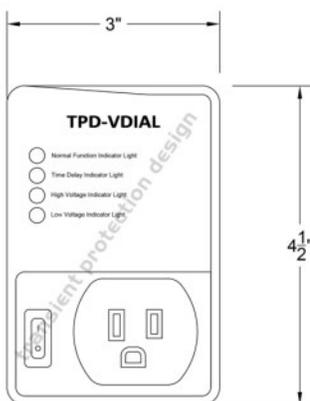
Model Number	Description	Nominal Voltage	Lower Voltage Shut Off	Upper Voltage Shut Off	Time Delay
TPD-VDIAL-120 (20 Amp Max)	Over/Under Voltage Protection One Outlet, Wall Mount	120V	90V to 105V DIAL	140V	3 to 5 Minutes
TPD-VDIAL-240 (20 Amp Max)	Over/Under Voltage Protection One Outlet, Wall Mount	220V-240V	170V to 197V DIAL	264V	3 to 5 Minutes
TPD-VDIAL-120-HW (30 Amp Max)	Over/Under Voltage Protection Series Wired, Hard Wired	120V	90V to 115V DIAL	125V to 140V DIAL	3 to 5 Minutes

COMMENTS

... The lighting processor would lock up when the voltage dropped below 100 volts. We could not use a UPS because we need the system to power off. We set the VDIAL to cut out during any low voltage event unit 105 volts. The system worked perfectly and will have paid for itself and the install in one less than one week. This was the solution we all needed to see. We have these on each truck and will be installing VDIALS on all trouble applications standard.

... "The power rises to and sometimes above 140 volts daily at this house. We were continually losing equipment due to over voltage events before we started using the TPD-VDIAL. We are now installing the TPD-VDIAL on all electronic equipment in all homes we work on in this development."

... We were losing communication due to lock ups daily. The culprit was the daily generator run check at the hospital which caused some low voltage conditions that our UPS did not pick up. We installed the TPD-VDIAL in front of the UPS which was set to turn off power at 105 volts to the UPS. The equipment was locking up at 100 volts. The TPD-VDIAL turned off power to the UPS before the low voltage locked up the equipment. We stopped having any problems the day the TPD-VDIAL was installed.



Approx. Depth = 1 1/2"

VDIAL PERFORMANCE SPECIFICATIONS

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TPD-VDIAL-120 (20 Amp Max)	Over/Under Voltage Protection One Outlet, Wall Mount	110V-120V	90V to 105V DIAL	140V	3 to 5 Minutes
TPD-VDIAL-240 (20 Amp Max)	Over/Under Voltage Protection One Outlet, Wall Mount	220V-240V	170V to 197V DIAL	264V	3 to 5 Minutes
TPD-VDIAL-240-HW (30 Amp Max)	Over/Under Voltage Protection Series Wired, Hard Wired	220V-240V	90V to 115V DIAL	125V to 140V DIAL	3 to 5 Minutes

TPD-VDIAL-120 (Plug In Version)



TPD-VDIAL-240 (Plug In Version)



TPD-VDIAL-120 (Hard Wired Version)

