



POWER MANAGER

Model No: CV-TFB-2411 / CV-TFB-3411

World's Best Surge Protector ...At Any Price!

No other surge protector, except for Innovolt's patent pending Current and Voltage Surge Suppressor (CVSS), offers Complete Power Protection. Compare the protection offered by existing Transient Voltage Surge Suppressors (TVSS) with Innovolt's CVSS.

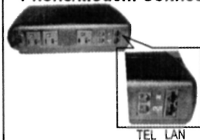
	TVSS	CVSS™
Voltage Surges	Yes	Yes
Current Surges*	No	Yes
Over-Voltage	No+	Yes
Microprocessor Diagnostics	No	Yes

- + Other TVSS devices may pose fire hazard when subjected to over-voltage.
 * Research shows that current surges that flow from the power-grid into electronic equipment degrade life and reliability, and can potentially damage the equipment.

Installation:

- Caution : To reduce the risk of electric shock, use the CVSS indoors and in a dry location.
- Plug the INPUT CORD into a 3-prong grounded outlet. Check to see that the GND LED is illuminated green. This confirms that the ground circuit is OK. If the GND LED is glowing red, it indicates a faulty ground circuit.
- The MAINS LED will glow green to indicate that the CVSS unit is operational and ready to protect your equipment.
- Plug the power cord from your computer, TV or other electrical equipment into the CVSS. Verify that the equipment is OK before plugging it into the CVSS.
- If current surge occurs then the CVSS led will flash Red for 60 min to indicate that current surge has recently occurred. Following a voltage surge event TVSS led will flash Red for 60 min to indicate that voltage surge has recently occurred.

Phone/Modem Connection:



If your surge protector has phone/LAN jacks, pass the phone/modem connection through the jacks on your surge protector as illustrated on left. Most modem damage can be prevented if you connect the Phone/Modem through surge protector. Connect the Phone/Modem line from your wall outlet to the INPUT jack on the surge protector. Connect the phone/LAN cord into the OUTPUT jack on the surge protector. Connect the other end of the phone cord to the Phone/Modem jack of the device you want to protect.

The CVSS features an internal protection that will disconnect the surge protective component at the end of its useful life but will maintain power to the load-now unprotected. If this situation is undesirable for the application, follow the Manufacturers instruction for replacing the device.

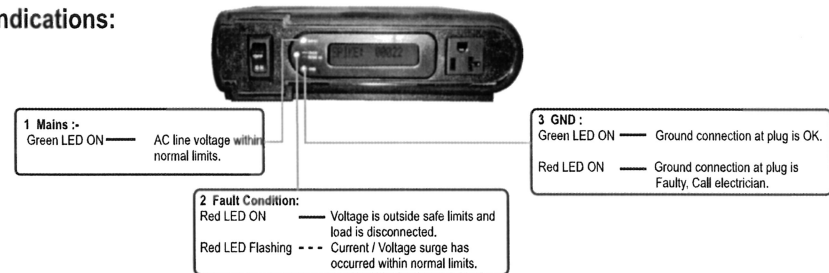
The CVSS features advanced protection to handle voltage and current surges that are typical in commercial and consumer facilities. In the rare instance of the CVSS being subject to a particularly severe surge, some of the CVSS protection components may reach end of useful life. When this occurs in the normal course of use, Innovolt will provide the original customer with a free replacement CVSS unit. Contact www.innovolt.com for further information.

Safety:

- Intended to be used in with equipment that is sold commercially, and in facilities that are wired according to applicable electrical code.
- Not intended for use with loads rated above 20A rms.
- For indoor use in dry conditions.
- UL1449/1363-Listed.

Limited Warranty : INNOVOLT warrants its products to be free from defects in materials and workmanship under normal use and service for the lifetime of the product by the original purchaser. This warranty is not transferable. INNOVOLT's obligation under this warranty is limited to repairing or replacing, at its sole option, any such defective products. To obtain service under warranty you must obtain a Returned Material Authorization (RMA) number from INNOVOLT or an INNOVOLT Service center with transportation charges prepaid and must be accompanied by a brief description of the problem and proof of date and place of purchase. This warranty applies only to original purchase. INNOVOLT's obligation under this warranty at all times will be limited to the purchase price paid for the INNOVOLT product or the replacement cost of the INNOVOLT product at the company's discretion. Please refer to the detailed explanation of the limited warranty terms and conditions.

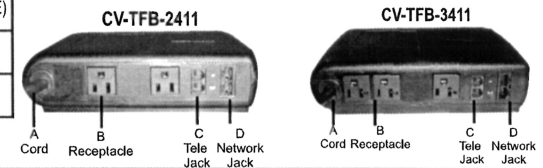
Indications:



Caution:- Risk of Electric Shock. Do not plug in another Relocatable Power Tap. Do not install this device if there is not at least 10 meters (30 feet) or more of wire between the electrical outlet and the electrical service panel.

Specifications (Tel & LAN) :

PARAMETERS	TEL	LAN
Connector	RJ 11	RJ 45(CAT5E)
Clamping Voltage	230V-320V	5V-15V
Protected Lines	L1 - G L2 - G	



Specifications :

PARAMETERS	CV-TFB-2411	CV-TFB-3411
Nominal Operating Voltage	120Vac, 15A, 60Hz	120Vac, 20A, 60Hz
Over - Voltage Limit	>145 Volts	>145 Volts
Under - Voltage Limit	<90 Volts	<90 Volts
Maximum Continuous Current	15 Amp rms	20 Amp rms
Voltage Surge per UL 1449	3000 Joules	
	500 V For L-N	500 V For L-N
	800 V For L-G	800 V For L-G
	800 V For N-G	800 V For N-G
Current Surge Limit	<15Amp	<20Amp
Diagnostics	Microprocessor Based	Microprocessor Based