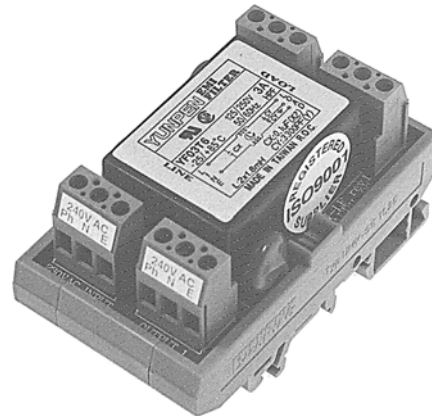


IN-LF Line Filter.

Reactive 230Vac, 3A
Maximum Line Filter.

Description.

Designed as an economical and reliable protection against high-voltage transients and surges, and other electrical noise, produced for example by lightning, switching and electrical noise on AC or DC power lines.



Specifications.

Inductance	2 x 1.8mH.
Capacitance	0.1 μ F. 2 x 3300pF.
VDR	-Maximum Voltage 3 x 275Vac. -Clamping Speed 20 μ s.
AC Voltage Range	210~250Vac. (Other Voltage Ranges Available.)
Maximum Total Load	3A (Other Ratings Available.)
Leakage Current	<1mA @ 230Vac.
Operating Temperature	0~70C @ 3A.
Storage Temperature	-20~80C.
Operating Ambient Humidity	5~85% RH Max. Non-condensing.
DIN Rail Mounting	Fits all Available EN Mounting Rails.
Dimensions	L=78mm, W=45mm, H=48mm.

Product Liability. This information describes our products. It does not constitute guaranteed properties and is not intended to affirm the suitability of a product for a particular application. Due to ongoing research and development, designs, specifications, and documentation are subject to change without notification. Regrettably, omissions and exceptions cannot be completely ruled out. No liability will be accepted for errors, omissions or amendments to this specification. Technical data are always specified by their average values and are based on Standard Calibration Units at 25C, unless otherwise specified. Each product is subject to the 'Conditions of Sale'.

Warning: These products are not designed for use in, and should not be used for patient connected applications. In any critical installation an independent fail-safe back-up system must always be implemented.



CAUTION: Dangerous Voltages may be present. The IN-LF has no user serviceable parts.

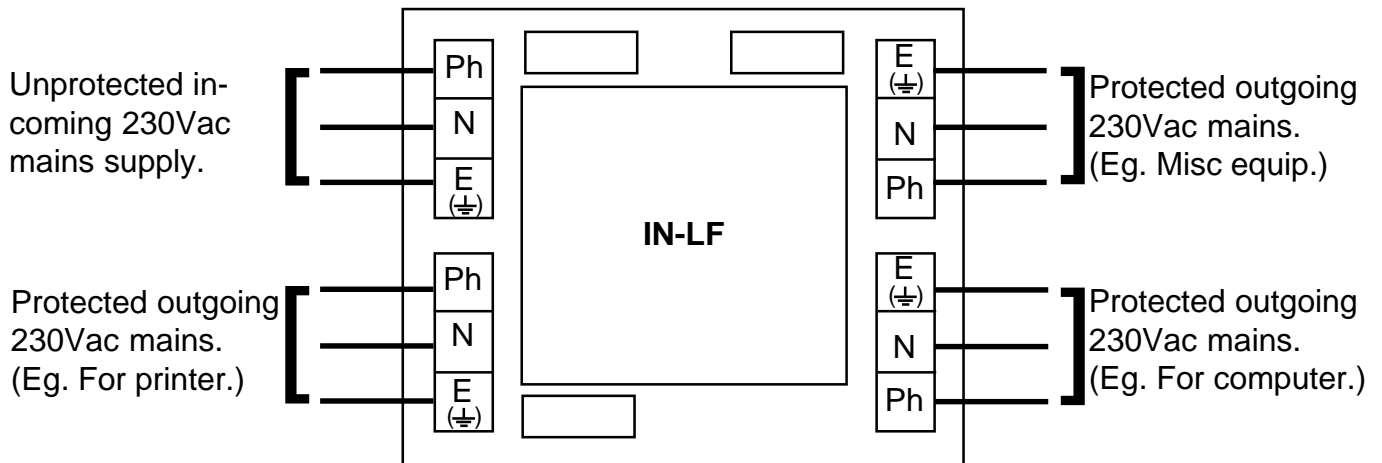
Remove ALL power sources before servicing.





Quality Assurance Programme.

The modern technology and strict procedures of the ISO9001 Quality Assurance Programme applied during design, development, production and final inspection grant long term reliability of the instrument.

Connections.



Note: All protected outgoing 230Vac mains are internally connected.

	CAUTION: Dangerous Voltages may be present. The IN-LF has no user serviceable parts.	
Remove ALL power sources before servicing.		

The Proper Installation & Wiring of the IN-LF.

All power and signals must be de-energised before connecting any wiring.

Mounting.

- (1) Mount in a clean environment.
- (3) Do not subject to vibration, excess temperature or humidity variations.
- (4) Avoid mounting near power control equipment.
- (5) Allow 10mm minimum clearance between the IN-LF terminals and ANY conductive material.
- (6) To maintain compliance with the EMC Directives the IN-LF is to be mounted in a fully enclosed steel fire cabinet. The cabinet must be properly earthed, with appropriate input / output entry points and cabling.

Power Supply Wiring.

- (1) A readily accessible disconnect device and a 3A, 250Vac overcurrent device, must be in the power supply wiring.
- (2) To ensure compliance to CE Safety requirements, the grey terminal insulator must be fitted to ALL mains terminals after wiring is completed.

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