

# DF-0101 DIGITAL FREQUENCYMETER

## 96x96mm SIZES

### TRUE RMS



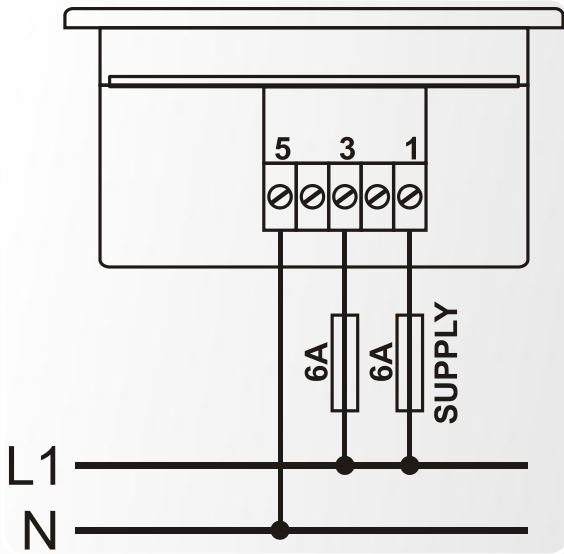
## INTRODUCTION

These state-of-the-art panel meters are designed for accurate measurement of the frequency in single-phase systems.

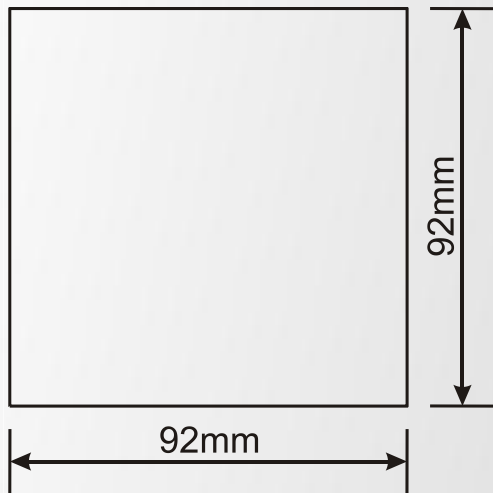
Although they are mainly used in electrical panels, these devices can also be integrated in many other applications.

Devices have separate inputs for supply and measurement.

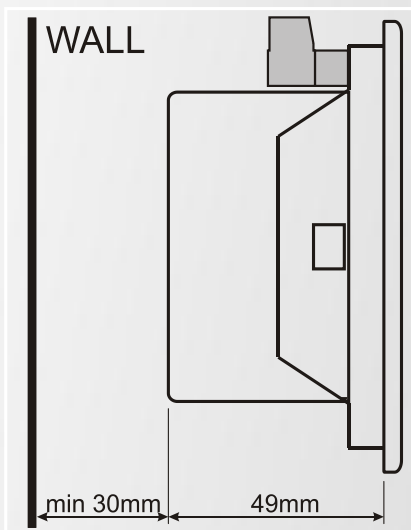
## CONNECTION DIAGRAM



## PANEL CUTOUT DIMENSIONS



## MOUNTING TOLERANCES



## TECHNICAL SPECIFICATIONS

**Power Supply Input:** 170 - 275VAC  
50 - 60Hz nominal ( $\pm 10\%$ )  
Different AC/DC supply values available.

**Measurement Inputs:** 10 - 300 V AC

**Accuracy:** 0.5% + 1 digit

**Power Consumption:** < 1.5W

**Burden:** < 0.1VA per phase

**Operating Temperature:** -40°C to +70 °C

**Maximum Humidity:** 95% non-condensing.

**Degree of Protection:** IP 54 (Front Panel)  
IP 30 (Back panel)

**Enclosure:**  
Non-flammable, ROHS compliant, high temperature ABS/PC (UL94-V0)

**Installation:**  
Flush mounting with rear retaining brackets

**Dimensions:** 102x102x53mm (WxHxD)

**Panel Cutout Dimensions:** 96x96mm

**Weight:** 185 gr

**EU Directives Conformity:**  
2006/95/EC (low voltage)  
2004/108/EC (EMC)

**Norms of reference:**  
EN 61010 (safety requirements)  
EN 61326 (EMC requirements)

## PACKAGING INFORMATION

**Pieces per Package:** 12 Pcs

**Package Size:** 280 x 170 x 215mm (LxWxH)

**Package Weight:** 2.5 kg

