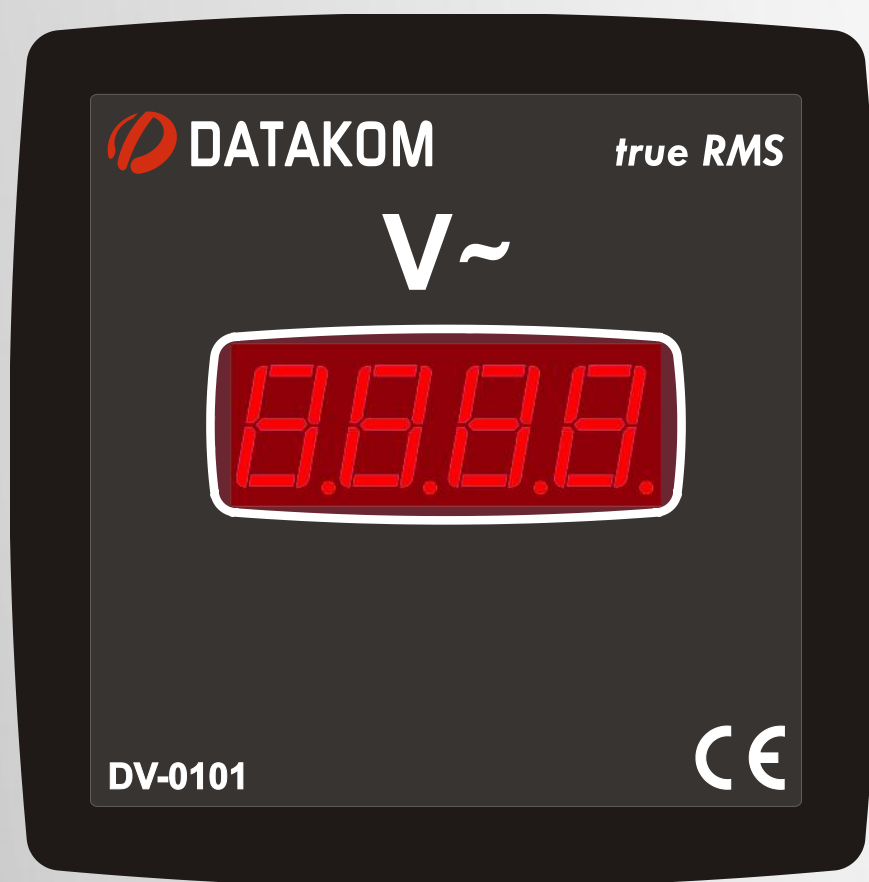


DV-0101 DIGITAL VOLTMETER

96x96mm SIZES

TRUE RMS



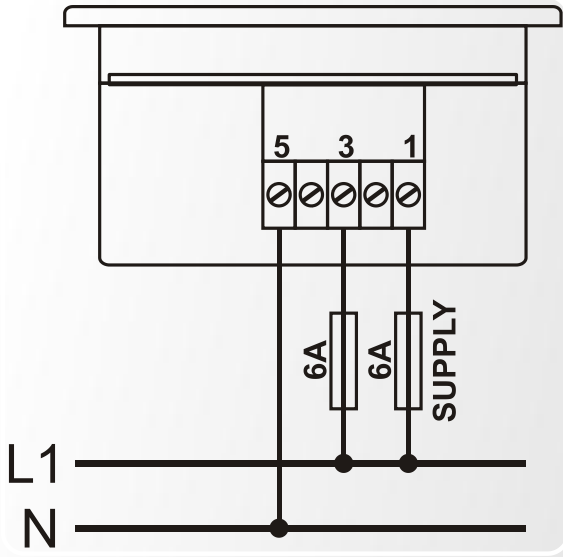
INTRODUCTION

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

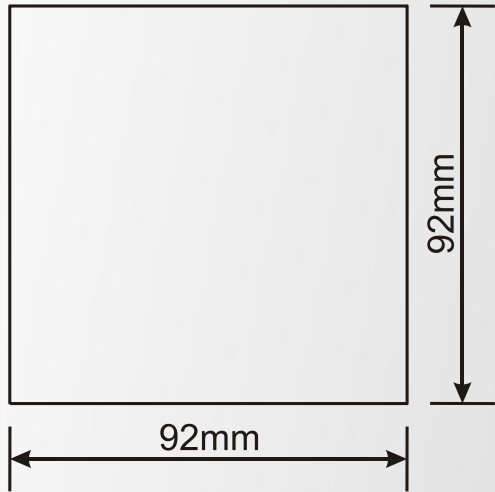
Although they are mainly used in electrical panels, these devices can also be integrated in many other applications.

Devices have separate inputs for supply and measurement.

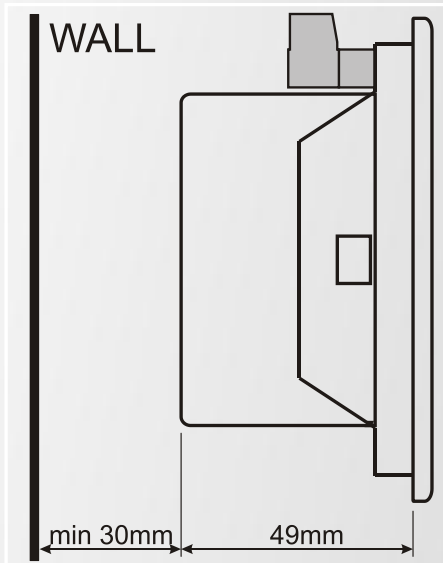
CONNECTION DIAGRAM



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

