

# MVAFT - Triple Converter, MVAT - Dual Converter



## ◆ Description ◆

Model **MVAFT** includes 3 isolated channels converted:

- AC current input ( a conductor passes through current transformer),
  - line voltage input and
  - frequency of the same line voltage
- } to 4-20mA DC outputs.

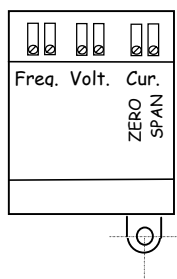
Model **MVAT** includes 2 isolated converters for Current and Voltage inputs.

## ◆ Calibration ◆

The unit is calibrated according to customer requirements.

Outputs can be adjusted by appropriate pot' SPAN and Zero (for each channel) located on the front panel under plastic cover.

- Apply minimal signal to the input. Adjust output by pot' Zero to obtain 4 mA. Apply maximal signal to the input. Adjust output by pot' Span to obtain 20 mA.
- Repeat calibration for other channels.



MVAT-P-1-02-E

## ◆ Specifications ◆

**Accuracy:**  $\pm 0.25\%$  F.S.

### 3 Inputs

- 1) Current AC:  $0 \div 1A / 0 \div 5A$ , a conductor passes through current transformer.
- 2) Voltage AC:  $0 \div 250V / 0 \div 120V / 100 \div 250V / 190 \div 250V$  or others.
- 3) Frequency:  $0 \div 60Hz$  or  $40 \div 60Hz$  of line voltage.

**3 Outputs:** passive  $4 \div 20mA$ ,  $R_{load} = (V_{sup} - 12V) / 20mA$ .

**Ambient Temp.:**  $-10 \div +55$  °C.

**Enclosure:**  $W70 \times L90 \times H73$  mm plastic case.

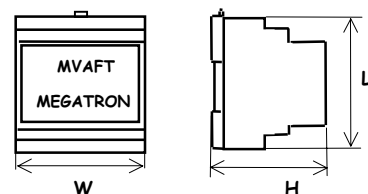
**Galvanic isolation** between voltage input & output: 500VDC,  
between current input & output: 1 KV.

**Connection:** plug-in terminals.

**Mounting:** 35mm DIN-rail.

**Protection category:** IP-40.

## ◆ Dimension ◆



## ◆ Connection ◆

