

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.

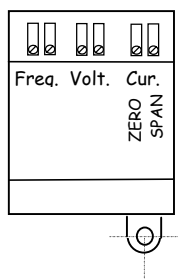
Model **MVAT** includes 2 isolated converters for Current and Voltage inputs.

◆ 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.

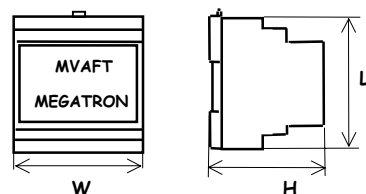
Galvanic isolation between voltage input & output: 500VDC,
between current input & output: 1 KV.

Connection: plug-in terminals.

Mounting: 35mm DIN-rail.

Protection category: IP-40.

◆ Dimension ◆



◆ Connection ◆

