

# MTCT – Three Transmitter 3 wire for Current AC

## ◆ Specifications ◆

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

Power supply: 13-30 VDC. (possible 48VDC).

3 Inputs: AC current  $0 \div 10A$ , a current wire passes through current transformer.

3 Outputs: passive  $4 \div 20mA$ ,  $R_{load} = (V_{sup} - 13V) / 20mA$

Ambient Temp.:  $-10 \div +55$  °C.

Enclosure: W70 X L90 X H73 mm plastic case.

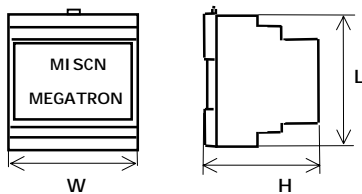
Galvanic isolation between input & output: 4KV.

Mounting: 35mm DI N-rail.

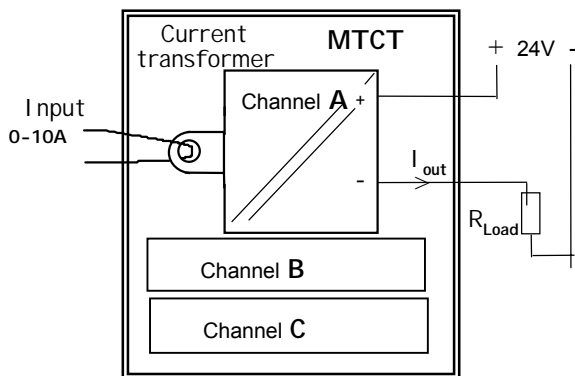
Protection: IP-40.



## ◆ Dimension ◆



## ◆ Connection ◆



## ◆ Description ◆

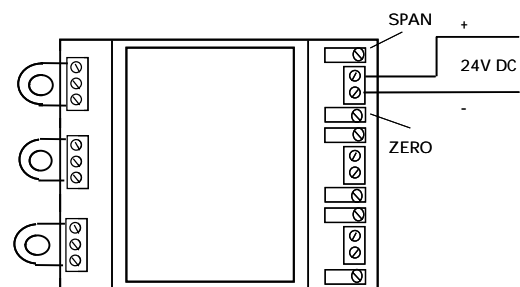
MTCT includes three identical isolated transmitters converted input AC current (up to 10A) to 4-20mA DC output. Input current wires pass through current transformers.

## ◆ Calibration ◆

The unit is calibrated according to customer requirements. 4mA and 20mA can be adjust for each channel by appropriate pot' SPAN and Zero located on the front panel ( under plastic cover ).

- Apply minimal input signal. Adjust output by pot' Zero to obtain 4 mA. Apply maximal input signal. Adjust output by pot' Span to obtain 20 mA.

- Repeat calibration for other channels.



MTCT -P-2-04-E

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