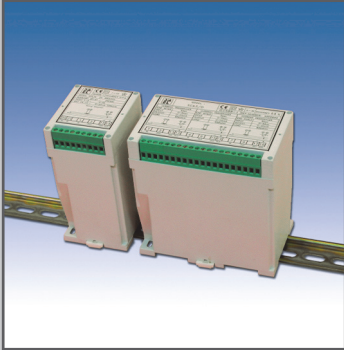


# TCA/D cl. 0.5    TTA/D cl. 0.5

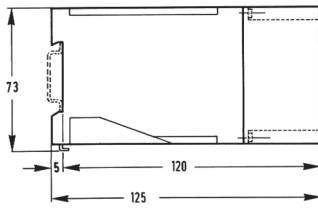
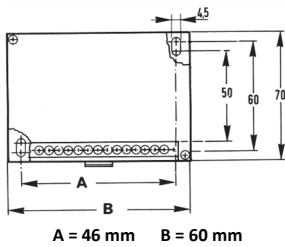
## Trasduttori per corrente/tensione alternata TRMS TRMS Transducers for AC Current & Voltage



### Dati Tecnici

- Precisione  $\pm 0.5\%$  del valore di fondo scala
- Campo di misura  $0 \div I_n, 0 \div U_n$
- Campo di taratura  $0,8 \div 1,2 I_n, 0,8 \div 1,2 U_n$
- Ingressi  $I = 1 A \div 5 A; V = 50 V \div 440 V$
- Frequenza  $45 \div 65 \text{ Hz}$
- Uscita Lineare a corrente impressa  
(1mA; 5mA; 20mA; 4-20mA; 5 V; 10 V)
- Sovraccarico permanente  $2 I_n - 1,2 U_n$
- Sovraccarico Istantaneo  $50 I_n / 1 s - 2 U_n / 10 s$
- Tempo risposta lettura  $< 200 \text{ ms}$
- Ripple residuo  $\leq 1\%$
- Temperatura di funzionamento  $-10^\circ\text{C} \div +50^\circ\text{C}$
- Temperatura di magazzino  $-30^\circ\text{C} \div +70^\circ\text{C}$
- Separazione galvanica ingresso - uscita
- Tensione di prova 4 kV, 50 Hz, 60 s
- Tensione di prova a impulso 6 kV, 1,2/50  $\mu\text{s}$
- Alimentazione ausiliaria 100-250 Vac/dc (+10% / -15%) standard  
18-36 Vac/dc (+15% / -15%) su richiesta
- Grado di protezione custodia IP50
- Grado di protezione morsetti IP20
- Connessioni morsetti a vite max 4mm<sup>2</sup>
- Custodia materiale termoplastico autoestinguente UL 94 - V0
- Costruzione a norme CEI, IEC, DIN, VDE

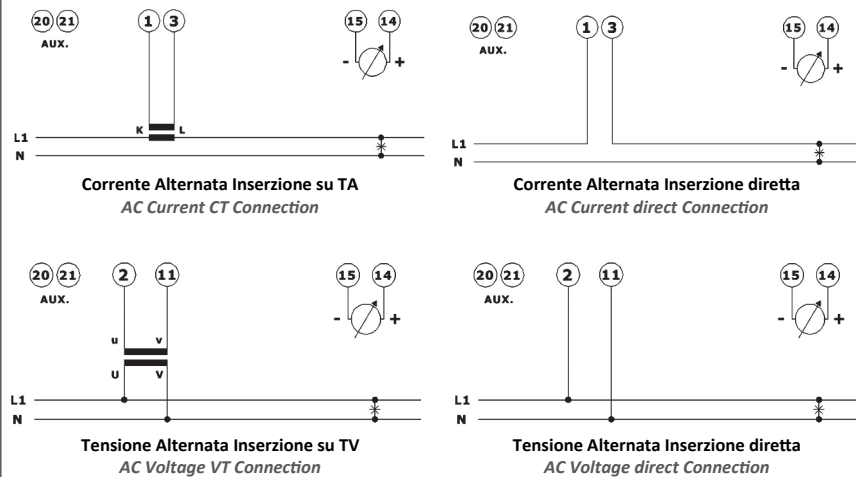
### Dimensioni di ingombro (mm) Dimensions (mm)



### Technical Data

- Accuracy  $\pm 0.5\%$  of full scale value
- Measuring range  $0 \div I_n, 0 \div U_n$
- Calibration range  $0,8 \div 1,2 I_n, 0,8 \div 1,2 U_n$
- Input  $I = 1 A \div 5 A; V = 50 V \div 440 V$
- Frequency  $45 \div 65 \text{ Hz}$
- Output Impressed current linear  
(1mA; 5mA; 20mA; 4-20mA; 5 V; 10 V)
- Continuous overload  $2 I_n - 1,2 U_n$
- Instantaneous overload  $50 I_n / 1 s - 2 U_n / 10 s$
- Response time  $< 200 \text{ ms}$
- Residual ripple  $\leq 1\%$
- Operating temperature  $-10^\circ\text{C} \div +50^\circ\text{C}$
- Storage temperature  $-30^\circ\text{C} \div +70^\circ\text{C}$
- Galvanic insulation input - output
- Test voltage 4 kV, 50 Hz, 60 s
- Impulse voltage strenght 6 kV, 1,2/50  $\mu\text{s}$
- Power supply 100-250 Vac/dc (+10% / -15%) standard  
18-36 Vac/dc (+15% / -15%) on request
- Protection for housing IP50
- Protection for terminals IP20
- Connections screws max 4mm<sup>2</sup>
- Case Self-extinguishing thermoplastic material UL 94 - V0
- Manufactured according to CEI, IEC, DIN, VDE

### Schema di inserzione Wiring diagrams



TIPO TYPE	CODICE / CODE	
	CORRENTE CURRENT	TENSIONE VOLTAGE
1 ingresso 1 uscita	TCA/D	TTA/D
1 input 1 output		