

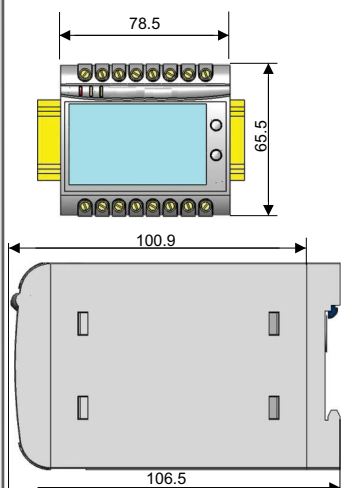
MPT/D

cl. 0.2

Trasduttori per potenza attiva/reattiva Active/Reactive power transducers



Dimensioni di ingombro (mm) Dimensions (mm)



Dati Tecnici

- Precisione $\pm 0.2\%$ del valore di fondo scala
- Campo di misura $0 \div P_n / -P_n \div 0 \div P_n$
- Campo di taratura $0,6 \div 1,2 P_n$
- Ingressi $I = 1 A \div 5 A ; V = 50 V \div 440 V$
- Frequenza $50 \div 60 Hz$
- Uscita Lineare a corrente impressa $(\pm 1mA; \pm 5mA; \pm 20mA; 4-20mA; \pm 5 V; \pm 10 V)$
- Sovraccarico permanente $2 I_n - 1,2 U_n$
- Sovraccarico Istantaneo $10 I_n / 1 s - 2 U_n / 10 s$
- Tempo risposta lettura $< 200 ms$
- Ripple residuo $\leq 0,5\%$
- Temperatura di funzionamento $-10^\circ C \div +50^\circ C$
- Temperatura di magazzino $-30^\circ C \div +70^\circ C$
- Separazione galvanica ingresso - uscita
- Tensione di prova $3.7 kV, 50 Hz, 60 s$
- Tensione di prova a impulso $6 kV, 1,2/50 \mu s$
- Alimentazione ausiliaria $90-264 Vac/dc$

- Consumo circuiti di corrente $< 0,5 VA$
- Consumo circuiti di tensione $< 0,5 VA$
- Grado di protezione custodia IP50
- Grado di protezione morsetti IP20
- Connessioni morsetti a vite max $4mm^2$
- Custodia materiale termoplastico autoestinguente UL 94 - V0
- Costruzione a norme CEI, IEC, DIN, VDE

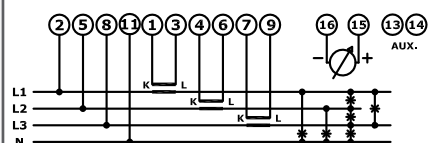
Technical Data

- Accuracy $\pm 0.2\%$ of full scale value
- Measuring range $0 \div P_n / -P_n \div 0 \div P_n$
- Calibration range $0,6 \div 1,2 P_n$
- Input $I = 1 A \div 5 A ; V = 50 V \div 440 V$
- Frequency $50 \div 60 Hz$
- Output Impressed current linear $(\pm 1mA; \pm 5mA; \pm 20mA; 4-20mA; \pm 5 V; \pm 10 V)$
- Continuous overload $2 I_n - 1,2 U_n$
- Instantaneous overload $10 I_n / 1 s - 2 U_n / 10 s$
- Response time $< 200 ms$
- Residual ripple $\leq 0,5\%$
- Operating temperature $-10^\circ C \div +50^\circ C$
- Storage temperature $-30^\circ C \div +70^\circ C$
- Galvanic insulation input- output
- Test voltage $3.7 kV, 50 Hz, 60 s$
- Impulse voltage strenght $6 kV, 1,2/50 \mu s$
- Power supply $90-264 Vac/dc$

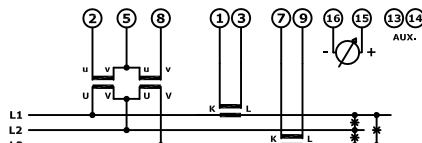
- Current circuits consumption $< 0,5 VA$
- Voltage circuits consumption $< 0,5 VA$
- Protection for housing IP50
- Protection for terminals IP20
- Connections screws $4mm^2$
- Case Self-extinguishing thermoplastic material UL 94 - V0
- Manufactured according to CEI, IEC, DIN, VDE

Schemi di inserzione

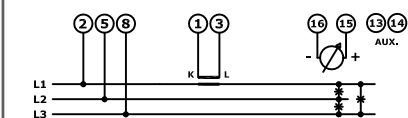
Wiring diagrams



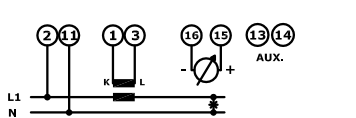
Linea Trifase 4 fili Carico Squilibrato
3 Phase 4 Wires Unbalanced Load



Linea Trifase 3 fili Carico Squilibrato (ARON)
3 Phase 3 Wires Unbalanced Load



Linea Trifase 3 fili Carico Equilibrato 3
Phase 3 Wires Blanced Load



Linea monofase
Single Phase Line

SISTEMA SYSTEM	CODICE / CODE
Monofase Single Phase	MPT/D1
Trifase 3 fili carico equilibrato 3 Phase 3 Wires Balanced load	MPT/D3
Trifase 4 fili carico equilibrato 3 Phase 4 Wires Balanced load	MPT/D4
Trifase 3 fili carico squilibrato (ARON) 3 Phase 3 Wires Unbalanced load	MPT/D6
Trifase 4 fili carico squilibrato 3 Phase 4 Wires Unbalanced load	MPT/D8