

CONVERTITORE CORRENTE ALTERNATA DIFFERENZIALE

Monogamma ΔI 1A, 0,5A
con TA incorporato
TECNOLOGIA A 2 FILI

DEFINIZIONE

Il dispositivo integra la sezione convertitrice della corrente alternata ed il TA, in un unico contenitore.

GAMME

A: 1A

B: 0,5A

Altri valori a richiesta.

INSTALLAZIONE (COLLEGAMENTI)

vedere Fig. 1, 2, 3.

Nota 1 : L'eventuale neutro deve passare entro il foro, eventuali cavi di interconnessione delle masse devono passare fuori. (vedere Fig. 1).

Nota 2 : L'eventuale messa a terra del neutro deve essere eseguita "a monte" del dispositivo.

Nota 3 : Se é presente uno schermo, la sua eventuale messa a terra va eseguita a monte del dispositivo.

INGRESSO

I cavi che portano la corrente devono entrare nel foro (\varnothing 35 mm.), tutti dallo stesso lato del TA.

USCITA

4÷20mA su Rc max=500 Ω - tecnologia a due fili - Fig. 5

TEMPO DI RISPOSTA: < 300 ms

ONDULAZIONE DI USCITA:

<1% del valore continuo

ERRORE MAX: 1%

ALIMENTAZIONE: VB=24Vdc

VB min = 9V+Rcx0,02

VB max = 30V+Rcx0,02

DIMENSIONI: 100 x 85 x 45 mm

TEMPERAT. DI FUNZIONAMENTO:

0°C+60°C

PESO: 0,500 kg - **COLORE**: grigio

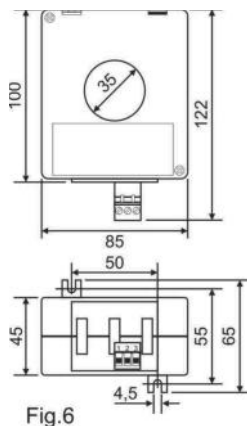


Fig.6

CS 20D

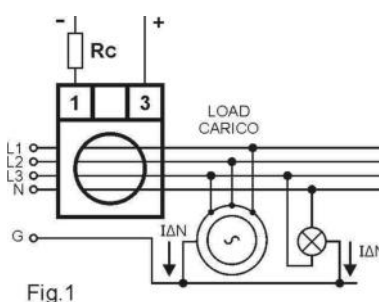


Fig.1

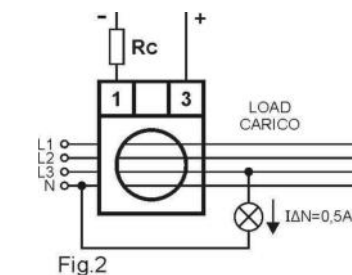


Fig.2

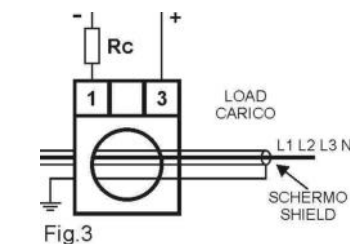


Fig.3

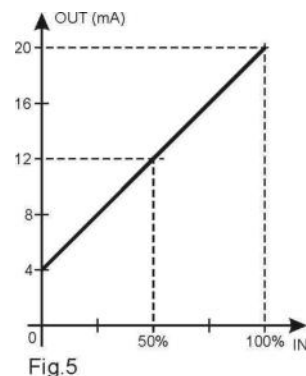


Fig.5

ALTERNATING DIFFERENTIAL CURRENT TRANSDUCER

Single-range ΔI 1A, 0,5A
Built-in CT
2-WIRE TECHNOLOGY

FUNCTION

The device builds-in in one single case the transducer section of the alternating current and the CT.

RANGES

A: 1A

B: 0,5A

Other values on demand.

INSTALLATION (WIRINGS)

See Fig. 1, 2, 3.

Remark 1: The neutral wire must pass through the hole. Wire connecting the masses must pass outside the hole. (see fig. 1).

Remark 2: The grounding connection must be made upstream the device.

Remark 3: In case there is a shield, its grounding connection is made upstream the device.

INPUT

The wires carrying the current must enter the hole (\varnothing 35 mm.), all on the same side of the CT.

OUTPUT

4÷20mA on Rc max=500 Ω - 2-wire technology - Fig. 5

RESPONSE TIME: < 300 ms

OUTPUT RIPPLE:

<1% of the continuous value

MAX ERROR: 1%

SUPPLY: VB=24Vdc

VB min = 9V+Rcx0,02

VB max = 30V+Rcx0,02

DIMENSIONS: 100 x 85 x 45 mm

WORKING TEMPERATURE: °C+60°C

WEIGHT: 0,500 kg - **COLOUR**: grey

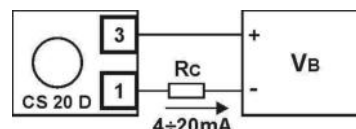


Fig.4

COMPATIBILITA' ELETTRICO
MAGNETICA
Electromagnetic compatibility
CEI-EN 61326-1

COME ORDINARE HOW TO ORDER

GAMMA RANGE	
A	$\Delta I = 1 A$
B	$\Delta I = 0,5 A$

Esempio:
Example:

CS 20 D - **A**

WARNING: Repairs in guarantee are made free our factory, within 24 months from the delivery date, for the devices not working due to defects of the components. In no case Emirel can be held responsible for damages, direct or indirect, occurred to things or people in consequence of wrong connections, accidents, not correct use or not operation of the Protection and Control devices of its own production. For the "safety applications", it is suggested to apply SAFETY systems or REDUNDANCY engineering."