

■ CARACTERISTICI

- Masurari in CA: curent, tensiune, frecventa, putere activa, putere reactiva in retele monofazate si retele trifazate pe 3 si 4 fire
- CC: curent, tensiune
- Masurare directa max. 300A CC sau CA
- Semnale de iesire: 4-20 mA, 0-10 V
- 4-20 mA pe 2 fire, alimentare din bucla 24 Vcc
- Alimentare in cc
- Dimensiuni mici, instalare usoara, pret mic



■ SPECIFICATII TEHNICE

INTRARE:

Parametru	Domeniu intrare	Frecv. intrare	Precizie
Curent cc	0 ~ 300 A	CC	$\leq \pm 1.0\%$ FS
Curent	0 ~ 0.5A (~ 300 A)	50 Hz ± 3 Hz	$\leq \pm 0.5\%$ FS
Tensiune	0 ~ 500 V	60 Hz ± 3 Hz	
Frecventa	0 ~ 100 Hz		
Putere activa	0 ~ 5 A (~ 25 A)	50 Hz ± 3 Hz	
Putere reactiva	0 ~ 500 V _{LL}	60 Hz ± 3 Hz	
	0 ~ 5 A (~ 25 A)	50 Hz ± 1 Hz	
	0 ~ 500 V _{LL}	60 Hz ± 1 Hz	

IESIRE:

Domeniu iesire	Ripolu iesire	Rezistenta de sarcina
0 ~ 10 V	≤ 10 mV	≥ 2 K Ω
4 ~ 20 mA		≤ 250 Ω
4 ~ 20 mA (alim. din bucla)		Vs / (20 mA) - 900 Ω

Depasire domeniu max. intrare: Tensiune: 1.2 x val. nominala, continuu
2 x val. nominala pt. 1 sec.

Curent: 2 x val. nominala continuu
10 x val. nominala pt. 1 sec.

Timpe de raspuns: ≤ 400 ms pt. curent, tensiune si frecventa
 ≤ 900 ms pt. putere activa si reactiva

Reglare interval: $\leq \pm 10\%$ FS

Reglare zero: $\leq \pm 2\%$ FS

Alimentare: Tensiune/curent: 12Vcc, 24Vcc $\pm 10\%$,
alim. din bucla 24Vcc $\pm 10\%$

Frecventa: 12Vcc, 24Vcc $\pm 10\%$

Putere activa / reactiva: 12Vcc $\pm 10\%$

Efect alimentare: $\leq 0.05\%$ FS

Putere consumata: A, V, Hz: 200 ~ 500 mW

Watt, Var: ≤ 850 mW

Temperatura de functionare: 0 ~ 50 °C

Umiditate de functionare: 20 ~ 95 %RH, necondensabila

Coeficient de temperatura: ≤ 200 ppm/°C

Temperatura de pastrare: -10 ~ 60 °C

Rigiditate dielectrica: 2.5KVca, 50/60Hz, 1' intre intrare si iesire

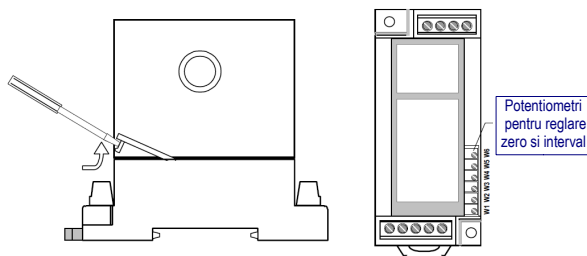
Rezistenta de izolare: ≥ 100 M Ω , 500 Vcc

Grad de protectie carcasa: IP 50 (IEC 529)

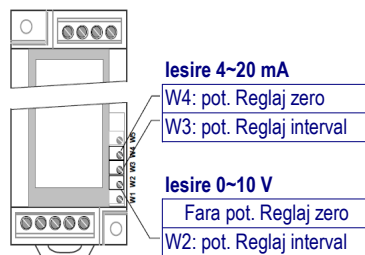
Montaj: Pe sina DIN 35 mm (EN 50022)

Greutate: ≤ 200 g

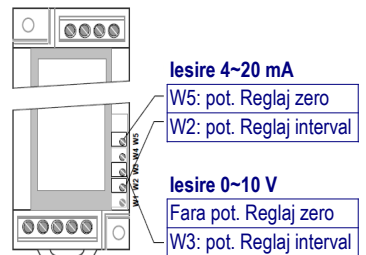
■ REGLARE



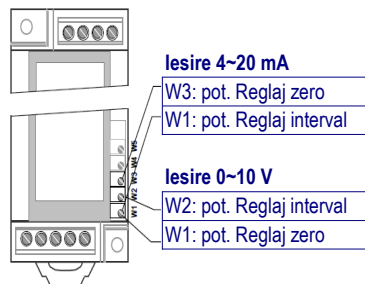
Curent / tensiune / frecventa Monofazat 2 fire, 1P2W 2A-12 / 2V-12 / 2F



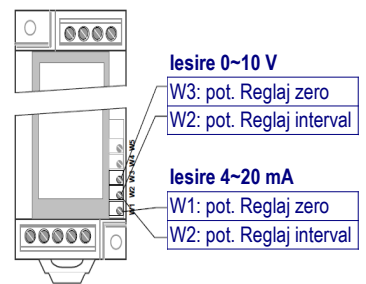
Curent / tensiune Trifazat 3 fire, 3P3W 2A-33 / 2V-33



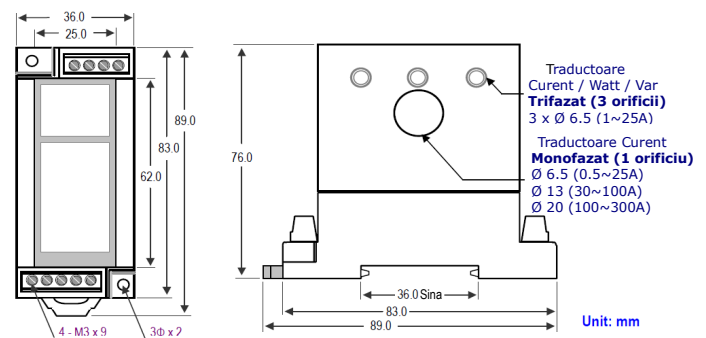
Curent / tensiune CC 2A-DC / 2V-DC



Putere activa / reactiva 2W / 2Q

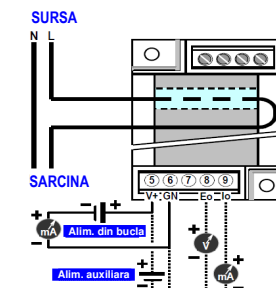


■ DIMENSIUNI

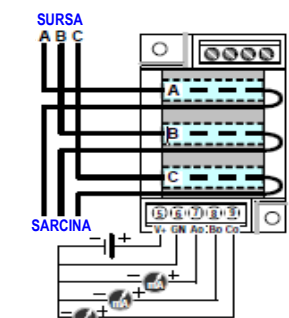


■ CONECTARE ELECTRICA

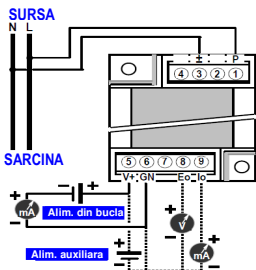
2A-12 Traductor de curent
2A-DC Traductor de curent (numai pe 3 fire)
Masurare directa max. 300 A



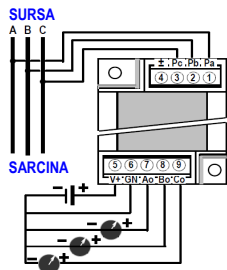
2A-33 Traductor de curent
Masurare directa max. 25 A



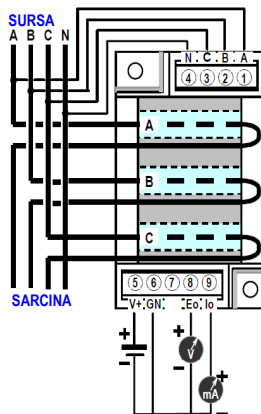
2V-12 Traductor de tensiune
Masurare directa max. 500 V



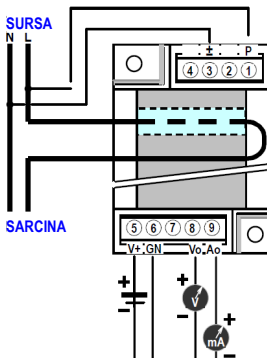
2V-33 Traductor de tensiune
Masurare directa max. 500 V



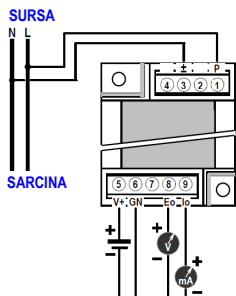
2W(Q)-34 Traductor Watt sau Var
Masurare directa max. 500V si 25A



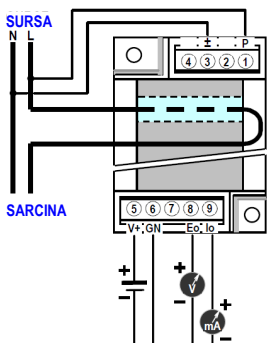
2AV-12 Traductor de tensiune si curent
Masurare directa max. 500V si 25A



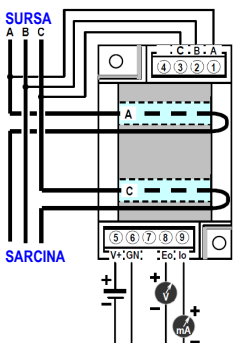
2F-12 Traductor de frecventa
Masurare directa max. 500 V



2W(Q)-12 Traductor Watt sau Var
Masurare directa max. 500V si 25A



2W(Q)-33 Traductor Watt sau Var
Masurare directa max. 500V si 25A



COD DE COMANDA



COD	TIP INTRARE
A	Curent
V	Tensiune
AV	Curent si tensiune
F	Frecventa
W	Watt
Q	Var

COD	CONECTARE
12	1P2W Sarcina dezechilibrata
33	3P3W Sarcina dezechilibrata
34	3P4W Sarcina dezechilibrata
DC	CC (curent/tensiune)

Curent / Tens / Frecv	
COD	DOM. INTRARE
A1	0 ~ 1 A*
A5	0 ~ 5 A
A6	0 ~ 25 A
A7	0 ~ 50 A*
AB	0 ~ 100 A*
AC	0 ~ 200 A*
AD	0 ~ 300 A*
V5	0 ~ 500 V _{LL}
F6	0 ~ 100 Hz

* Numai pentru modelele 2A-12 si 2A-DC
Nota: Pentru conectarea 3P3W (retea trifazata pe 3 fire) curentul este de max. 25 A

Watt / Var	
COD	DOM. INTRARE
A1	0 ~ 1 A
A5	0 ~ 5 A
A6	0 ~ 25 A
V1	110 V sau 120 V
V2	220 V sau 240 V
V3	380 V sau 415 V
V4	110V _{LL} - 63.5V _{LN} sau 120V _{LL} - 69.3V _{LN}
V5	190V _{LL} - 110V _{LN} sau 208V _{LL} - 120V _{LN}
V6	380V _{LL} - 220V _{LN} sau 416V _{LL} - 240V _{LN}

Nota: V4, V5 si V6 vor fi selectate numai pentru 3P4W (retea trifazata pe 4 fire)

COD	Frecv. INTRARE
5	50 Hz ± 3 Hz
6	60 Hz ± 3 Hz
F	Specificati
N	CC

COD	DOM. IESIRE
A4	0 ~ 20 mA
A5	4 ~ 20 mA
V2	0 ~ 5 V
V3	0 ~ 10 V

Nota: Alimentare din bucla pot avea numai trad. cu iesire 4-20 mA

COD	ALIM. AUXILIARA
D1	12 Vcc
D2	24 Vcc
LP	Alimentare din bucla*

* Alimentare din bucla pot avea numai modelele 2A-12 si 2V-12

Modele disponibile

Pentru CA: curent/ tensiune/ frecventa – 1P2W, 3P3W
Pentru CA: watt/ var – 1P2W, 3P3W, 3P4W
Pentru CC: curent/ tensiune

Alimentarea auxiliara si iesirea nu sunt izolate intre ele.
Se vor utiliza surse de alimentare fara zgomot.