

A / V / HZ / W / VAR TRANSDUCERS

2 SERIES

FEATURE

- FOR AC Current / Volt / Frequency, 1P2W, 3P3W
Watt / Var, 1P2W, 3P3W, 3P4W
DC Current / Volt
- Direct 300A max measured for AC or DC
- Output signal 4~20mA, 0~10V
4~20mA (Loop Powered DC 24V)
- Low output ripple
- Small size, Easy installation



SPECIFICATION

INPUT:

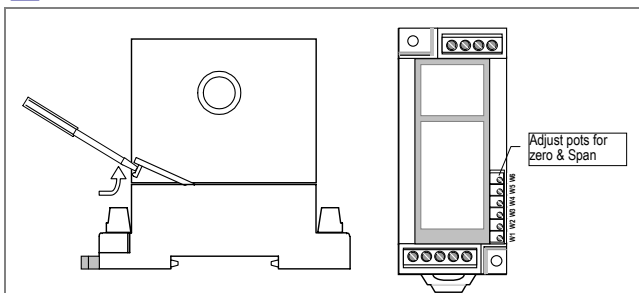
	Input Range	Input Frequency	Accuracy
DC Current	0 ~ 300 A	DC	≍ ±1.0% R.O.
Current	0 ~ 0.5 A (~300 A)	50 Hz ± 3 Hz	
Voltage	0 ~ 500 V	60 Hz ± 3 Hz	
Frequency	0 ~ 100 Hz		≍ ±0.5% R.O.
Watt	0 ~ 5 A (~ 25 A)	50 Hz ± 3 Hz	
	0 ~ 500 V	60 Hz ± 3 Hz	
Var	0 ~ 5 A (~ 25 A)	50 Hz ± 1 Hz	
	0 ~ 500 V	60 Hz ± 1 Hz	

OUTPUT:

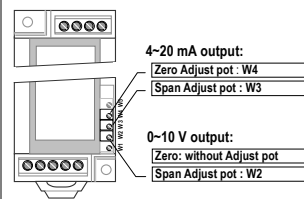
Output Range	Output Ripple	Load Resistance
0 ~ 10 V	≍ 10 mV	≧ 2K ohm
4 ~ 20 mA		≧ 250 ohm
4 ~ 20 mA (Loop Powered)		Vs / (20 mA) - 900 ohm

- __ Max. input over capability: Voltage: 1.2 x rated continuous
2 x rated for 1 seconds
Current: 2 x rated continuous
10 x rated for 1 seconds
- __ Response time: ≍ 400 msec. For Current, Voltage & Frequency
≍ 900 msec. For Watt & Var
- __ Span adjustment: ≍ ±10% of R.O.
- __ Zero adjustment: ≍ ±2% of R.O.
- __ Power supply: Voltage / Current: DC 12V, 24V ±2%
Loop powered DC 24V ±2%
Frequency: DC 12V, 24V ±2%
Watt / Var: DC 12V ±2%
- __ Power effect: ≍ 0.05% R.O.
- __ Power consumption: A, V, Hz: 200 ~ 500 mW
Watt, Var: ≍ 850 mW
- __ Operating temperature: 0~50 °C
- __ Operating relative humidity: 20~95 %RH, non-condensing
- __ Temperature coefficient: ≍ 200 PPM/°C
- __ Storage temperature: -10~60 °C
- __ Dielectric Strength: AC 2.5KV, 50/60Hz, 1 min.
Between Input / Output
- __ Insulation resistance: ≧ 100M ohm, DC 500V
- __ Enclosure: IEC 529 (IP50)
- __ Mounting: 35 mm DIN rail (EN 50022)
- __ Weight: Under 220 g

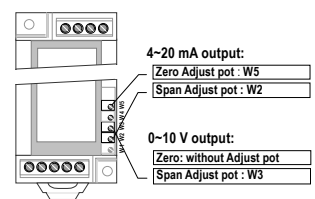
ADJUSTMENT



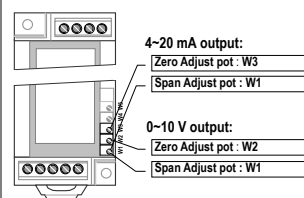
Current / Voltage / Frequency, 1P2W 2A-12 / 2V-12 / 2F



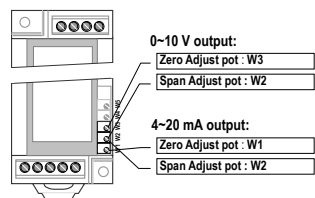
Current / Voltage, 3P3W 2A-33 / 2V-33



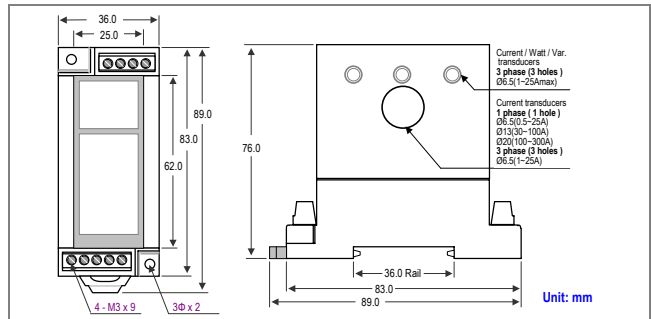
Current / Voltage, DC 2A-DC / 2V-DC



Watt / Var 2W / 2Q

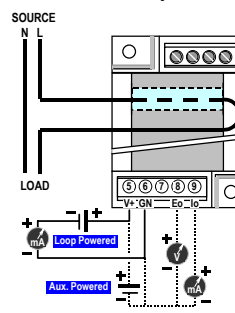


DIMENSIONS

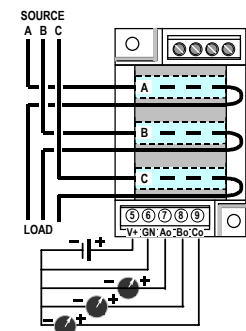


CONNECTION

2A-12 Current Transducer 2A-DC Current Transducer (3-wired only) 300 A max directly measuring



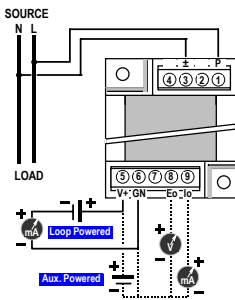
2A-33 Current Transducer 25 A max directly measuring



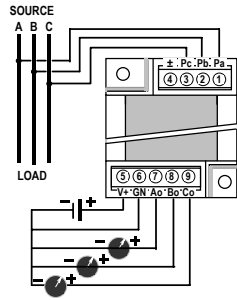
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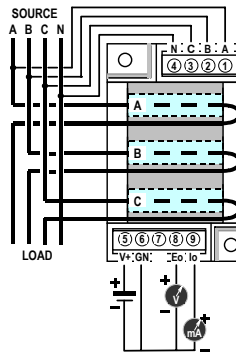
2V-12 Voltage Transducer
500V max directly measuring



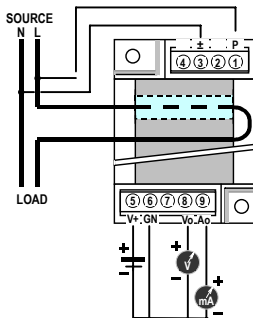
2V-33 Voltage Transducer
500V max directly measuring



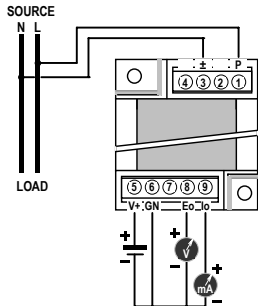
2W(Q)-34 (Watt or Var Transducer)
25A & 500V max directly measuring



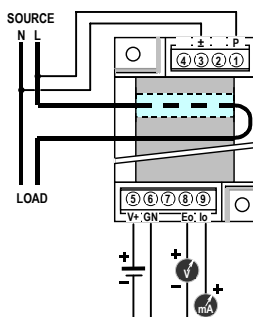
2AV-12 Current & Voltage Transducer
25A & 500V max directly measuring



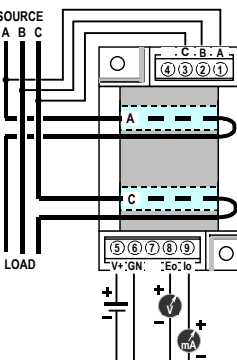
2F-12 Frequency Transducer
500V max directly measuring



2W(Q)-12 Watt or Var Transducer
25A & 500V max directly measuring



2W(Q)-33 Watt or Var Transducer
25A & 500V max directly measuring



ORDER INFORMATION

