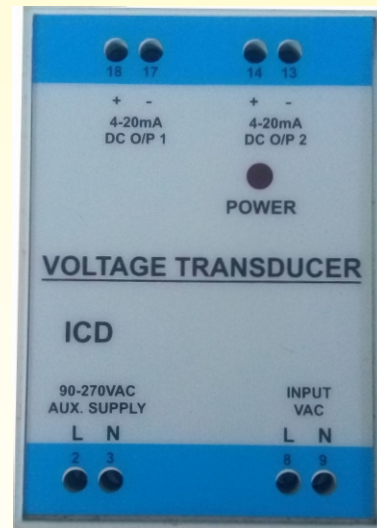


VOLTAGE TRANSDUCER

Voltage Transducer is a versatile for LT/HT application. It measures basic electrical quantity V. We can get single or dual output of 4-20 mA with respect to the input. Auxiliary supply of 90 -270 v AC needs to be provided for operation of the transducer.

Features

- Accuracy $\pm 0.5\%$ OFS
- Confirms to IS IEC60688
- Long Term Stability
- Isolated between circuits
- Load Resistance of 750 Ω
- Low Burden on PT
- Fast Response
- Two isolated outputs (optional)
- Rest on panel through Rail mounting



Technical Specification

TYPE	AC VOLTAGE TRANSDUCER
INPUT	VOLTAGE 0-150V AC L-L(HT) (or) 415VAC L-L (LT)
SINGLE PHASE SUPPLY	0-90 V AC L-N(HT) & 0-300V AC L-N(LT) & 0-500V AC L-L(LT) LT/HT TO BE SPECIFIED
OUTPUT SIGNAL	4-20MA/0-20MA
CALIBRATION	Digital Calibration
OUTPUT ACCURACY	$\pm 0.5\%$ OFS
NO. OF OUTPUT	SINGLE/DUAL
RESPONSE TIME	<0.5 SEC
LOAD RESISTANCE	0-750OHM
ISOLATION	2 KV AC FOR ONE MINUTE & INPUT/ OUTPUT/ POWER/ CASE
INPUT BURDEN	0.6 VA AT FULL SCALE
TEMPERATURE EFFECT	LESS THAN $\pm 0.01\%/^{\circ}\text{C}$

TEMPERATURE	0-55 °C
HUMIDITY	40-95 % RH
MOUNTING	DIN RAIL
MATERIAL	ABS PLASTIC ENCLOSURE
DIMENSION	55(W) X 75(H) X 110(D) MM
TERMINATIONS	SUITABLE CONNECTORS FOR 2.5 SQ MM WIRE
TERMINAL	AUX. SUPPLY/ INPUT/ OUTPUT 1/ OUTPUT 2
AUXILIARY SUPPLY	90-270V AC

APPLICATIONS

- Electrical distribution panels
- SCADA systems
- Generating stations, transmission & distribution
- Control panels & Instrument panels



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