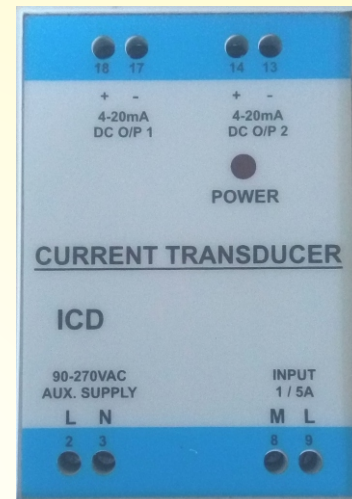


CURRENT TRANSDUCER

Current Transducer is a versatile for LT/HT application. It measures basic electrical quantity I. 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. Input Current can be given from the Current Transformers.

Features

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



Technical Specification

TYPE	AC CURRENT TRANSDUCER
INPUT CURRENT	0 - 1 A OR 0 - 5 A AC (TO BE SPECIFIED)
OUTPUT SIGNAL	4 - 20 MA / 0 - 20 MA
CALIBRATION	Digital Calibration
OUTPUT ACCURACY	$\pm 0.5\%$ OFS
NO. OF OUTPUT	SINGLE / DUAL
RESPONSE TIME	<0.5 SECS
LOAD RESISTANCE	0 - 750 OHM
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 $^{\circ}\text{C}$
HUMIDITY	40 - 95 % RH

MOUNTING	DIN RAIL
MATERIAL	ABS PLASTIC
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 - 270 V AC

APPLICATIONS

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



INDUSTRIAL CONTROLS & DRIVES (INDIA) PVT. LTD.

#33, Mettukuppam Road, (Via Alapakkam Road)
 Maduravoyal, Chennai - 600 095, Tamilnadu, India
 Tel : +91 44 4293 4322, 4293 4324, 4293 4335
 Email : sales@icdipl.net, Web : www.icdipl.net

