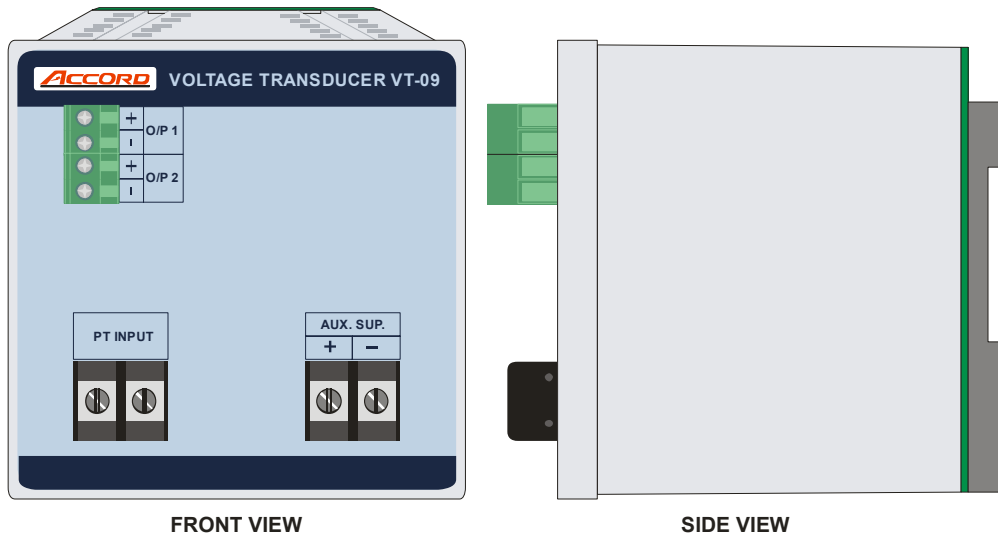


VOLTAGE TRANSDUCER (VT - 09)



FRONT VIEW

SIDE VIEW

FEATURES:

- Static design, no moving parts.
- Quick Response Time.
- Output independent of load impedance.
- Computerized Circuit design.
- Components have high thermal withstand capacity & can survive extreme tropical atmospheric conditions.
- Stable output even in case of wide power supply fluctuations (for self-powered & Aux. Powered transducers).
- Galvanic isolation between input / output /auxiliary power supply.
- Standard DIN Rail mounting, cabinets.

GENERAL SPECIFICATIONS:

	AC VOLTAGE (VT - 09)
Type	P to N or PH to PH
Rated Input	0-240 V AC Through PT (or any other range can also be provided.)
Measurement Range	0-240 V AC
Continuous Overload Capacity	X 1.2 (V)
OL for 1 Sec	X 2 (V)
Out Put	Single/Dual 4-20mA (500 ohm Max. Load). Max. 6 outputs.
Type Of Measurement	RMS or True RMS
Response Time	< 300ms
Aux. Supply	90-270V AC/DC.
Burden on Aux. Supply	< 5VA
Burden on monitored source	< 0.5 VA
Accuracy	±0.2% OR ±0.5% of span
Output Ripple	Maximum 0.5% P to P.
Ambient conditions	Storage: -20°C to +70°C, up to 95% RH non-condensing. Working: 0°C to 55°C, 95% RH non-cond.
Isolation Test Voltage Between input / output / Aux. Supply	Dielectric strength at 2.0KVAC for one minute. Optional 5.0KVAC Test can also be done.
Insulation Resistance	> 100MΩ at 500VDC between all input terminals shorted together and earth.
Zero / Span Adjustment	Available internally. Maximum up to 20% of the output span.
Size	96mm W X 96mm H X 110mmD
Mounting	DIN RAIL, 35mm.
Enclosure	Engineering Plastic enclosure.
Terminals	Suitable for 2.5 mm ² wire.
Protection	Input & Output → short circuit & open circuit protected.

Note : Due to continuous development and upgradations, specification are subject to change without any prior notice

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