

AC FREQUENCY TRANSDUCER

DTSF

FEATURES

- Applicable for DIN-IEC 688
- Dual aux. power AC/DC 85~265V
- Input range: AC 30~600V
- Insulation AC 2KV / Min, input/output/power/case
- ABS housing, suit for Din rail mount; easily installation



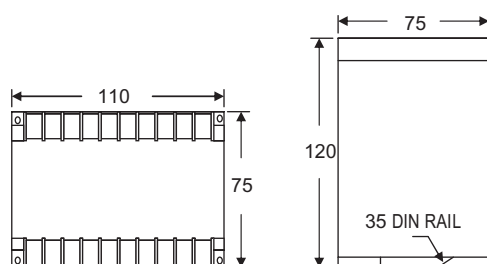
ORDERING INFORMATION: DTSF [Code1] - [Code2] - [Code3] - [Code4]

Code 1	Input Signal	Code 2	Range	Code 3	Analog Output	Code 4	Aux. Power
A	50Hz	A	±1Hz	A	DC 0~10mA	A	AC 110/220V
B	60Hz	B	±2Hz	B	DC 0~20mA	B	AC 220V
O	Option	C	±3Hz	C	DC 4~20mA	C	DC 22~72V
		D	±5Hz	D	DC 0~5V	F	AC/DC 85~265V
		E	±10Hz	E	DC 1~5V	N	Self-Powered
		O	Option	F	DC 0~10V	O	Option
				O	Option		

SPECIFICATION

- ◆ Time Base: Quartz oscillator
- ◆ Accuracy: ±0.5% RO. (of named frequency)
- ◆ Measuring Range: AC 30~600V.
- ◆ Input Load: 0.1VA/60Hz.
- ◆ Input Overload: Rating AC110V, over voltage is 600V
- ◆ Output Capability: Current: >500Ω at 20mA, Voltage: DC 10mA Maximum.
- ◆ Output Protection: Against Surge, EMI, RFI.
- ◆ Insulation: AC 2KV / Min, input/output/power/case
- ◆ Surget Test: 5KV 1.2x50uS, ANSI C37.90a/1983.DIN, IEC255-4, IEC 688-1992
- ◆ Rejection Ratio: ≧ 120db, 50/60Hz
- ◆ Long Time Stability: ≧ 0.2%
- ◆ Adjustment: SPAN or ZERO ± 10%
- ◆ Response Time: ≧ 400mS
- ◆ Output Ripple: 0~99% & 0.5% P-P or Option
- ◆ Magnetic Field Effect: DIN-ICE688 ≧ 0.005%
- ◆ Temp. Coefficient: ≧ 100ppm/°C From 0~60°C; ≧ 50ppm/23°C ± 3
- ◆ Operating Temperature: -10°C ~65°C 20~95% RH (non-condensing)
- ◆ Storage Temperature: -40°C ~75°C 20~90% RH (non-condensing)
- ◆ Power Variation: AC or DC ± 20%, 50/60Hz
- ◆ Self Powered: 85~150V, the energy is from V1 voltage
- ◆ Power Efection: ≧ 0.01%V
- ◆ Housing Material: Flame-Proof ABS housing, UL94 CLASS V-O..

DIMENSION



WIRING CONNECTION

