



DIN RAIL FREQUENCY TRANSDUCER *MODEL DFT*

FEATURES

- Frequency measurement of sinusoidal and distorted waveforms.
- Digital period measurement. Analog output.

APPLICATIONS

- For use on any application that requires indication of instantaneous frequency.
- Where CE or CSA is required.



INPUT FREQUENCY (Hz)	STANDARD OUTPUTS MODEL NUMBER DFD-				
	0 - 1mA	0 - 10Vdc	0 - 5Vdc	4 - 20mA	0 - 20mA
45 - 55	050B	050D	050X5	050E	050EA
55 - 65	060B	060D	060X5	060E	060EA
375 - 425	400B	400D	400X5	400E	400EA

All models require instrument power.

**ADDITIONAL FREQUENCY AND VOLTAGE RANGES
 AVAILABLE - CONSULT FACTORY**

ORDERING INFORMATION

Example: 55 - 65 Hz. input, with
 0 - 5Vdc output
DFT - 060X5

MODEL DFT SPECIFICATIONS

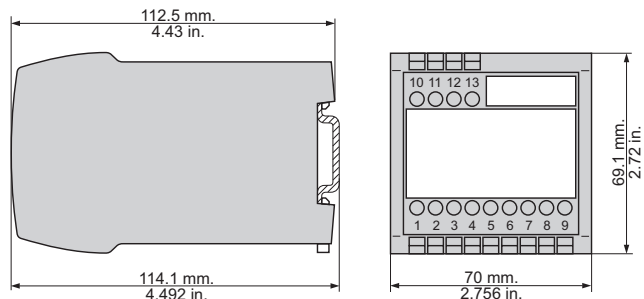
INPUT

FREQUENCY RANGE: See table
 VOLTAGE RANGE: 10 - 230V
 BURDEN: less than 1.0VA
 OVERLOAD: 120% F.S. voltage continuous
 200% F.S. voltage for 1 sec
 ISOLATION: 4000Vac

OUTPUT

ACCURACY:
 50 Hz., 60 Hz. models: ± 0.02 Hz.
 400 Hz. model: ± 0.1 Hz.
OUTPUT LOADING (OHMS):
 0 - 1 mA: 0 - 15K
 0 - 10Vdc, 0 - 5Vdc: 2.5K min.
 4 - 20mA, 0 - 20mA: 0 - 750
OUTPUT RIPPLE: less than 0.5% p.p.
RESPONSE TIME: less than 80 milliseconds
TEMPERATURE RANGE: -10°C - +55°C
INSTRUMENT POWER: 85 - 230Vac/dc, 40 - 400Hz, 3.5VA

CASE DIMENSIONS



Mounted on 35 mm top-hat DIN rail.

CONNECTION DIAGRAMS

