

# IFD-1

## 600 V CURRENT TRANSFORMER



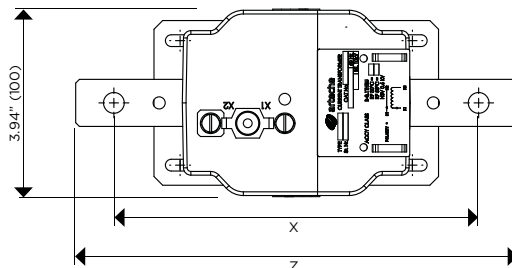
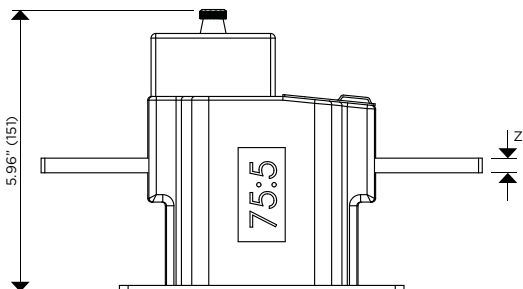
INDOOR  
60 Hertz

ARTECHE IFD series are dry type indoor service current transformers. The core is encapsulated with epoxy resin which provides excellent internal dielectric properties and mechanical strength, ensuring a long mechanical and electrical life. The transformer is maintenance free.

The core is built with high permeability grain oriented silicon steel laminations for low losses. The windings are copper wire with copper plate double isolation. The concentric distribution of the coils prevents magnetic flux leakage, achieving greater accuracy and higher capacity to withstand mechanical stresses in adverse operating conditions.

### Mechanical characteristics

Insulation Material	Color	Weight (lbs.)
Resin	Blue	Primary Bar Type: 7



Drawing number: 4288334

### PRIMARY BAR DIMENSIONS

AMPS	W	X	Y	Z	MARK
75-100	1	7-3/4	9-3/8	5/16	A
150-250	1	7-3/4	9-3/8	5/16	B
300-400	1	7-3/4	9-3/8	5/16	C
500-800	2	10-1/2	11-1/2	3/8	D
1000-1200	2	10-1/2	11-1/2	29/64	E

Approximate dimensions in inches (mm).

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Electrical characteristics				
Code	Current Ratio (Primary: Secondary)	Continuous Thermal Current Rating Factor @ 30°C	Continuous Thermal Current Rating Factor @ 55°C	IEEE Metering Accuracy
735180001	75:5	1.5	1.2	0.3 B0.9
735180002	100:5	1.5	1.2	0.3 B0.9
735180003	150:5	1.5	1.2	0.3 B0.9
735180004	200:5	1.5	1.2	0.3 B0.9
735180005	250:5	1.5	1.2	0.3 B0.9
735180006	300:5	1.5	1.2	0.3 B0.9
735180007	400:5	1.5	1.2	0.3 B0.9
735180008	500:5	1.5	1.2	0.3 B0.9
735180009	600:5	1.5	1.2	0.3 B0.9
735180010	800:5	1.5	1.2	0.3 B0.9
735180011	1000:5	1.5	1.2	0.3 B0.9
735180012	1200:5	1.5	1.2	0.3 B0.9

Additional ratings available upon request.

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