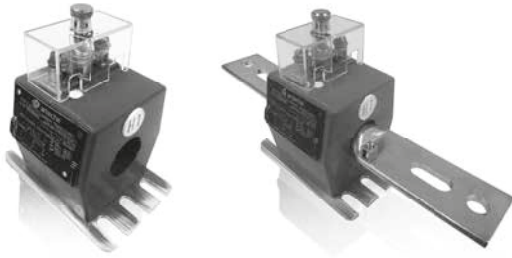


600 V  
INSTRUMENT  
TRANSFORMERS

# IRH-1

## 600 V CURRENT TRANSFORMER



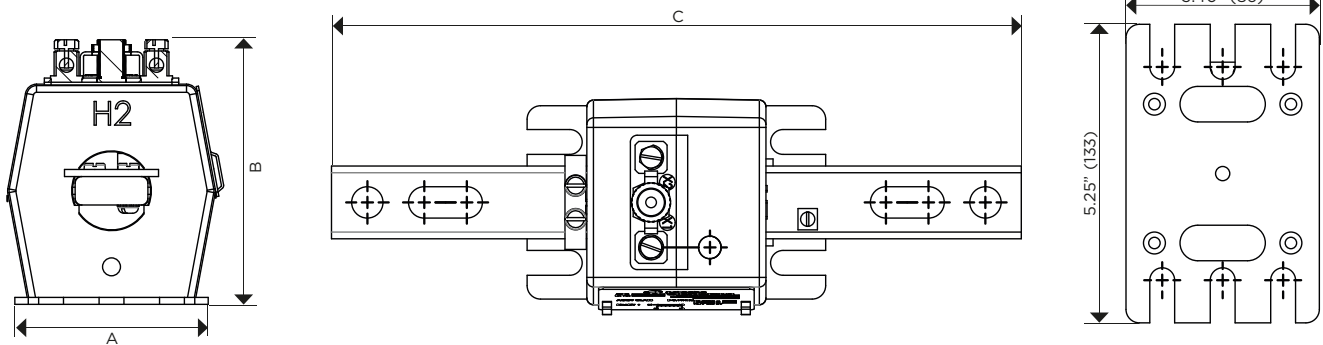
ARTECHE IRH series are dry type indoor/outdoor service current transformers. The core is encapsulated with epoxy resin which provides excellent internal dielectric properties and mechanical strength, ensuring a long mechanical and electrical life. The transformer is maintenance free.

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.

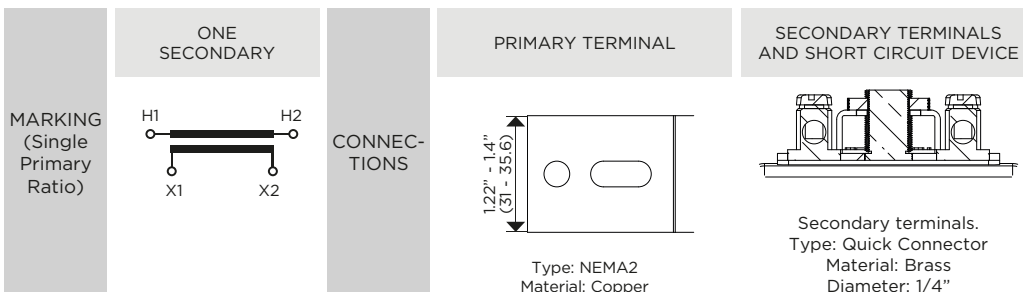
INDOOR-OUTDOOR  
60 Hertz

### Mechanical characteristics

Insulation Material	Color
Resin	Blue



Drawing	A	B	C	Weight	Type
4287699	3.66"	4.65"	12.13"	7.5 Lb	Bar



Approximate dimensions in inches (mm).

# IRH-1

## 600 V CURRENT TRANSFORMER

### Electrical characteristics

Code	Current Ratio (Primary: Secondary) (A)	Continuous Thermal Current Rating Factor @ 30°C	Continuous Thermal Current Rating Factor @ 55°C	IEEE Metering Accuracy	Drawing number	Type	Window Size	Accessories	Accuracy metering explanation
735225040	200:5	3.0	2.0	0.3 B0.2	4287759	Bar	1.22"	Complete	
735225060	300:5	2.0	1.5	0.3 B0.5	4287759	Bar	1.22"	Complete	
735225080	400:5	2.0	1.5	0.3 B0.5	4287759	Bar	1.4"	Complete	
735225100	500:5	2.0	1.5	0.3 B0.5	4287759	Bar	1.4"	Complete	
735225120	600:5	2.0	1.5	0.3 B0.5	4287759	Bar	1.4"	Complete	
735225160	800:5	1.5	1.2	0.3 B0.5	4287759	Bar	1.4"	Complete	
735220061	200:5	3.0	2.0	0.3 B0.2	4287759	Bar	1.22"	No base	
735220063	300:5	2.0	1.5	0.3 B0.5	4287759	Bar	1.22"	No base	
735220064	400:5	2.0	1.5	0.3 B0.5	4287759	Bar	1.4"	No base	
735220065	500:5	2.0	1.5	0.3 B0.5	4287759	Bar	1.4"	No base	
735220066	600:5	2.0	1.5	0.3 B0.5	4287759	Bar	1.4"	No base	
735220067	800:5	1.5	1.2	0.3 B0.5	4287759	Bar	1.4"	No base	
735220076	200:5	3.0	2.0	0.3 B0.2	4287759	Bar	1.22"	No base/no cover	
735220078	300:5	2.0	1.5	0.3 B0.5	4287759	Bar	1.22"	No base/no cover	
735220079	400:5	2.0	1.5	0.3 B0.5	4287759	Bar	1.4"	No base/no cover	
735220080	500:5	2.0	1.5	0.3 B0.5	4287759	Bar	1.4"	No base/no cover	
735220081	600:5	2.0	1.5	0.3 B0.5	4287759	Bar	1.4"	No base/no cover	
735220082	800:5	1.5	1.2	0.3 B0.5	4287759	Bar	1.4"	No base/no cover	
735227120	600:5	2.0	1.5	0.15S B0.2	4287699	Window	1.4"	Complete	5% to RF
735220030	600:5	2.0	1.5	0.15S B0.2	4287699	Window	1.4"	No base	5% to RF
735220045	600:5	2.0	1.5	0.15S B0.2	4287699	Window	1.4"	No base/no cover	5% to RF
735228120	600:5	2.0	1.5	0.15S B0.2	4287759	Bar	1.4"	Complete	5% to RF
735220090	600:5	2.0	1.5	0.15S B0.2	4287759	Bar	1.4"	No base	5% to RF
735220105	600:5	2.0	1.5	0.15S B0.2	4287759	Bar	1.4"	No base/no cover	5% to RF
735220230	400:5	2.0	1.5	0.15 B0.2*	4287759	Bar	1.4"	Complete	*Accuracy range: 1% to RF

Additional ratings available upon request.

Notes: .....

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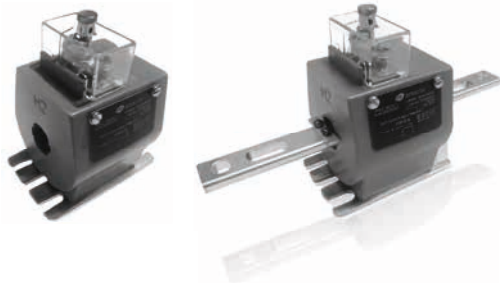
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# IRH-1E

## 600 V CURRENT TRANSFORMER



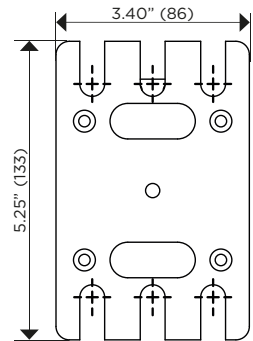
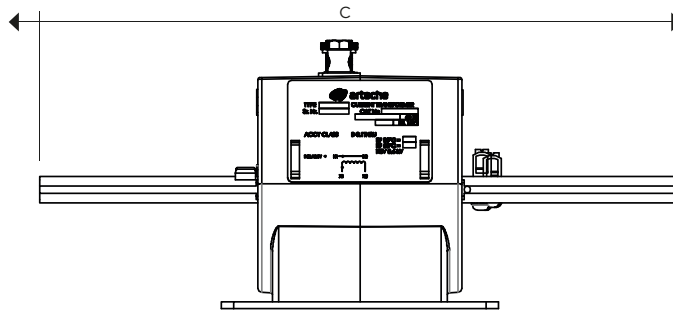
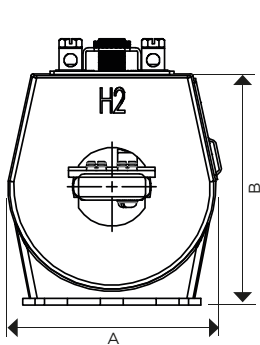
ARTECHE IRH series are dry type indoor/outdoor service current transformers. The core is encapsulated with epoxy resin which provides excellent internal dielectric properties and mechanical strength, ensuring a long mechanical and electrical life. The transformer is maintenance free.

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.

INDOOR-OUTDOOR  
60 Hertz

### Mechanical characteristics

Insulation Material	Color
Resin	Blue



Drawing	A	B	C	Weight	Type
4288499	3.91"	4.36"	12.13"	8 Lb	Bar

<b>MARKING</b> (Single Primary Ratio)	<b>ONE SECONDARY</b> 	<b>CONNECTIONS</b>	<b>PRIMARY TERMINAL</b> <p>Type: NEMA2 Material: Copper</p>	<b>SECONDARY TERMINALS AND SHORT CIRCUIT DEVICE</b> <p>Secondary terminals. Type: Quick Connector Material: Brass Diameter: 1/4"</p>
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Approximate dimensions in inches (mm).

# IRH-1E

## 600 V CURRENT TRANSFORMER

Electrical characteristics									
Code	Current Ratio (Primary: Secondary) (A)	Continuous Thermal Current Rating Factor @ 30°C	Continuous Thermal Current Rating Factor @ 55°C	IEEE Metering Accuracy	Drawing number	Type	Window Size	Accesories	Accuracy metering explanation
735221040	200:5	3.0	2.0	0.3 B0.2	4288499	Window	1.5"	Complete	
735221060	300:5	2.0	1.5	0.3 B0.5	4288499	Window	1.5"	Complete	
735221080	400:5	2.0	1.5	0.3 B0.5	4288499	Window	2"	Complete	
735221120	600:5	1.5	1.2	0.3 B0.5	4288499	Window	2"	Complete	
735220000	200:5	3.0	2.0	0.3 B0.2	4288499	Window	1.5"	No base	
735220001	300:5	2.0	1.5	0.3 B0.5	4288499	Window	1.5"	No base	
735220002	400:5	2.0	1.5	0.3 B0.5	4288499	Window	2"	No base	
735220003	600:5	1.5	1.2	0.3 B0.5	4288499	Window	2"	No base	
735220015	200:5	3.0	2.0	0.3 B0.2	4288499	Window	1.5"	No base/no cover	
735220016	300:5	2.0	1.5	0.3 B0.5	4288499	Window	1.5"	No base/no cover	
735220017	400:5	2.0	1.5	0.3 B0.5	4288499	Window	2"	No base/no cover	
735220018	600:5	1.5	1.2	0.3 B0.5	4288499	Window	2"	No base/no cover	
735225020	100:5	1.5	1.2	0.3 B0.2	4288711	Bar	1.22"	Complete	
735220060	100:5	1.5	1.2	0.3 B0.2	4288711	Bar	1.22"	No base	
735220075	100:5	1.5	1.2	0.3 B0.2	4288711	Bar	1.22"	No base/no cover	
735220240	600:5	2.0	1.5	0.15S B0.2	4288499	Window	2"	Complete	5% to RF
735220069	600:5	2.0	1.5	0.15S B0.2	4288499	Window	2"	No base	5% to RF
735225177	600:5	2.0	1.5	0.15S B0.2	4288499	Window	2"	No base/no cover	5% to RF

Additional ratings available upon request.

Notes: .....

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# IRH-3

## 600 V CURRENT TRANSFORMER



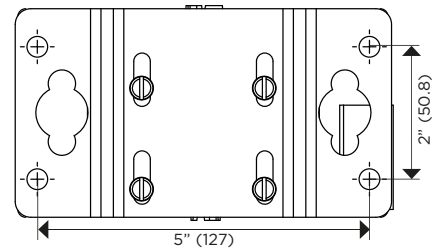
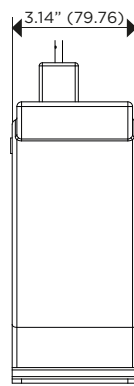
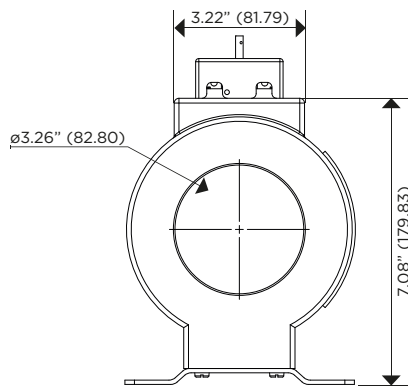
INDOOR-  
OUTDOOR  
60 Hertz

ARTECHE IRH series are dry type indoor/outdoor 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.

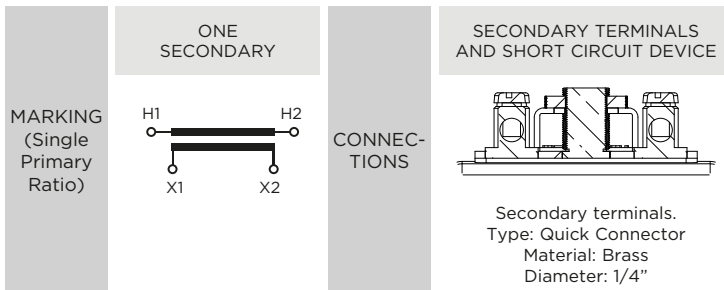
The core is built with high permeability grain oriented silicon steel laminations for low losses. The windings are copper wire with copper plate double isolation. The concentric distribution of the coils prevents magnetic flux leakage, achieving greater accuracy and higher capacity to withstand mechanical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

### Mechanical characteristics

Insulation Material	Color	Weight (lbs.)
Resin	Blue	8.8



Drawing number: 4286166



Approximate dimensions in inches (mm).



# IRH-5

## 600 V CURRENT TRANSFORMER



ARTECHE IRH series are dry type indoor/outdoor 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.

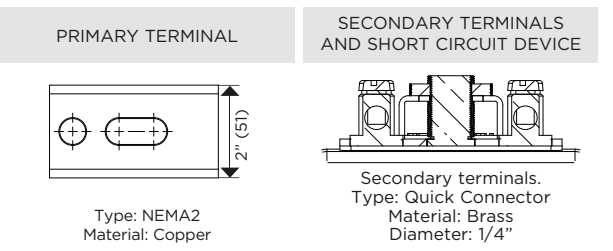
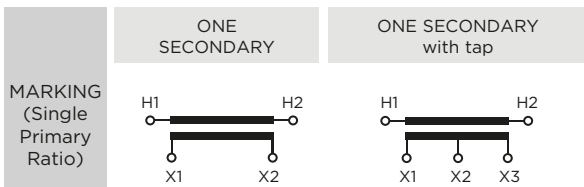
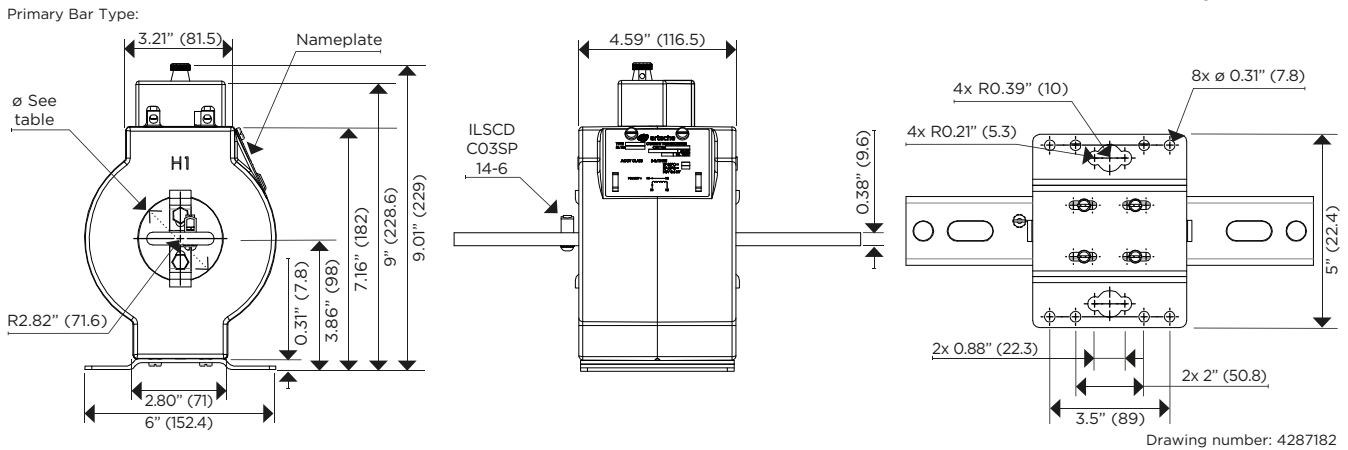
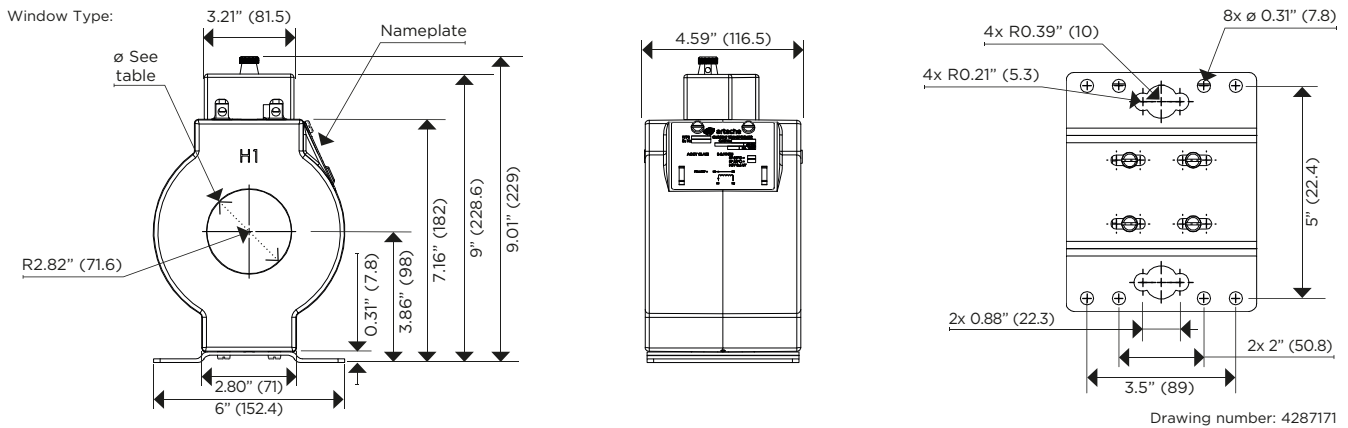
The core is built with high permeability grain oriented silicon steel laminations for low losses. The windings are copper wire with copper plate double isolation. The concentric distribution of the coils prevents magnetic flux leakage, achieving greater accuracy and higher capacity to withstand mechanical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

INDOOR-OUTDOOR  
60 Hertz

**UL** UL Recognized Component File No.:E252140

### Mechanical characteristics

Insulation Material	Color	Weight (lbs.)
Resin	Blue	Window Type: 10/12 / Primary Bar Type: 15



Approximate dimensions in inches (mm).



# IRH-5

## 600 V CURRENT TRANSFORMER

Electrical characteristics								
Code	Current Ratio (Primary: Secondary) (A)	Continuous Thermal Current Rating Factor @ 30°C	Continuous Thermal Current Rating Factor @ 55°C	IEEE Metering Accuracy	Drawing number	Type	Window Size	Accessories
735301010	50:5	4.0	3.0	1.2 B0.1	4287171	Window	2.55"	Complete
735301020	100:5	4.0	3.0	0.3 B0.1	4287171	Window	2.55"	Complete
735301040	200:5	4.0	3.0	0.3 B0.5	4287171	Window	2.55"	Complete
735301060	300:5	4.0	3.0	0.3 B0.5	4287171	Window	3.15"	Complete
735301080	400:5	4.0	3.0	0.3 B0.5	4287171	Window	3.15"	Complete
735301100	500:5	3.0	2.2	0.3 B0.5	4287171	Window	3.15"	Complete
735301120	600:5	2.0	1.5	0.3 B0.5	4287171	Window	3.15"	Complete
735301160	800:5	2.0	1.5	0.3 B0.5	4287171	Window	3.15"	Complete
735301200	1000:5	2.0	1.5	0.3 B0.5	4287171	Window	3.15"	Complete
735301240	1200:5	1.5	1.2	0.3 B1.8	4287171	Window	3.15"	Complete
735302040	200/400:5	4.0/2.0	3.0/1.5	0.3 B0.2/0.3 B0.5	4287171	Window	2.55"	Complete
735302060	300/600:5	3.0/2.0	2.2/1.5	0.3 B0.2/0.3 B0.5	4287171	Window	3.15"	Complete
735302080	400/800:5	2.0/2.0	1.5/1.5	0.3 B0.2/0.3 B0.5	4287171	Window	3.15"	Complete
735300060	50:5	4.0	3.0	1.2 B0.1	4287171	Window	2.55"	No base
735300061	100:5	4.0	3.0	0.3 B0.1	4287171	Window	2.55"	No base
735300062	200:5	4.0	3.0	0.3 B0.5	4287171	Window	2.55"	No base
735300063	300:5	4.0	3.0	0.3 B0.5	4287171	Window	3.15"	No base
735300064	400:5	4.0	3.0	0.3 B0.5	4287171	Window	3.15"	No base
735300065	500:5	3.0	2.2	0.3 B0.5	4287171	Window	3.15"	No base
735300066	600:5	2.0	1.5	0.3 B0.5	4287171	Window	3.15"	No base
735300067	800:5	2.0	1.5	0.3 B0.5	4287171	Window	3.15"	No base
735300068	1000:5	2.0	1.5	0.3 B0.5	4287171	Window	3.15"	No base
735300069	1200:5	1.5	1.2	0.3 B1.8	4287171	Window	3.15"	No base
735300180	200/400:5	4.0/2.0	3.0/1.5	0.3 B0.2/0.3 B0.5	4287171	Window	2.55"	No base
735300181	300/600:5	3.0/2.0	2.2/1.5	0.3 B0.2/0.3 B0.5	4287171	Window	3.15"	No base
735300182	400/800:5	2.0/2.0	1.5/1.5	0.3 B0.2/0.3 B0.5	4287171	Window	3.15"	No base
735300080	50:5	4.0	3.0	1.2 B0.1	4287171	Window	2.55"	No base/no cover
735300081	100:5	4.0	3.0	0.3 B0.1	4287171	Window	2.55"	No base/no cover
735300082	200:5	4.0	3.0	0.3 B0.5	4287171	Window	2.55"	No base/no cover
735300083	300:5	4.0	3.0	0.3 B0.5	4287171	Window	3.15"	No base/no cover
735300084	400:5	4.0	3.0	0.3 B0.5	4287171	Window	3.15"	No base/no cover
735300085	500:5	3.0	2.2	0.3 B0.5	4287171	Window	3.15"	No base/no cover
735300086	600:5	2.0	1.5	0.3 B0.5	4287171	Window	3.15"	No base/no cover
735300087	800:5	2.0	1.5	0.3 B0.5	4287171	Window	3.15"	No base/no cover
735300088	1000:5	2.0	1.5	0.3 B0.5	4287171	Window	3.15"	No base/no cover
735300089	1200:5	1.5	1.2	0.3 B1.8	4287171	Window	3.15"	No base/no cover
735300200	200/400:5	4.0/2.0	3.0/1.5	0.3 B0.2/0.3 B0.5	4287171	Window	2.55"	No base/no cover
735300201	300/600:5	3.0/2.0	2.2/1.5	0.3 B0.2/0.3 B0.5	4287171	Window	3.15"	No base/no cover
735300202	400/800:5	2.0/2.0	1.5/1.5	0.3 B0.2/0.3 B0.5	4287171	Window	3.15"	No base/no cover
735305010	50:5	4.0	3.0	1.2 B0.1	4287182	Nema 2 Bar Type	2.55"	Complete
735305020	100:5	4.0	3.0	0.3 B0.1	4287182	Nema 2 Bar Type	2.55"	Complete
735305040	200:5	4.0	3.0	0.3 B0.5	4287182	Nema 2 Bar Type	2.55"	Complete
735305060	300:5	4.0	3.0	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	Complete
735305080	400:5	4.0	3.0	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	Complete
735305100	500:5	3.0	2.2	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	Complete
735305120	600:5	2.0	1.5	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	Complete
735305160	800:5	2.0	1.5	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	Complete
735305200	1000:5	2.0	1.5	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	Complete
735305240	1200:5	1.5	1.2	0.3 B1.8	4287182	Nema 2 Bar Type	3.15"	Complete
735306040	200/400:5	4.0/2.0	3.0/1.5	0.3 B0.2/0.3 B0.5	4287182	Nema 2 Bar Type	2.55"	Complete
735306060	300/600:5	3.0/2.0	2.2/1.5	0.3 B0.2/0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	Complete
735306080	400/800:5	2.0/2.0	1.5/1.5	0.3 B0.2/0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	Complete
735300100	50:5	4.0	3.0	1.2 B0.1	4287182	Nema 2 Bar Type	2.55"	No base
735300101	100:5	4.0	3.0	0.3 B0.1	4287182	Nema 2 Bar Type	2.55"	No base
735300102	200:5	4.0	3.0	0.3 B0.5	4287182	Nema 2 Bar Type	2.55"	No base
735300103	300:5	4.0	3.0	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base
735300104	400:5	4.0	3.0	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base
735300105	500:5	3.0	2.2	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base
735300106	600:5	2.0	1.5	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base
735300107	800:5	2.0	1.5	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base

Electrical characteristics								
Code	Current Ratio (Primary: Secondary) (A)	Continuous Thermal Current Rating Factor @ 30°C	Continuous Thermal Current Rating Factor @ 55°C	IEEE Metering Accuracy	Drawing number	Type	Window Size	Accessories
735300108	1000:5	2.0	1.5	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base
735300109	1200:5	1.5	1.2	0.3 B1.8	4287182	Nema 2 Bar Type	3.15"	No base
735300220	200/400:5	4.0/2.0	3.0/1.5	0.3 B0.2/0.3 B0.5	4287182	Nema 2 Bar Type	2.55"	No base
735300221	300/600:5	3.0/2.0	2.2/1.5	0.3 B0.2/0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base
735300222	400/800:5	2.0/2.0	1.5/1.5	0.3 B0.2/0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base
735300121	50:5	4.0	3.0	1.2 B0.1	4287182	Nema 2 Bar Type	2.55"	No base/no cover
735300122	100:5	4.0	3.0	0.3 B0.1	4287182	Nema 2 Bar Type	2.55"	No base/no cover
735300123	200:5	4.0	3.0	0.3 B0.5	4287182	Nema 2 Bar Type	2.55"	No base/no cover
735300124	300:5	4.0	3.0	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base/no cover
735300125	400:5	4.0	3.0	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base/no cover
735300126	500:5	3.0	2.2	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base/no cover
735300127	600:5	2.0	1.5	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base/no cover
735300128	800:5	2.0	1.5	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base/no cover
735300129	1000:5	2.0	1.5	0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base/no cover
735300130	1200:5	1.5	1.2	0.3 B1.8	4287182	Nema 2 Bar Type	3.15"	No base/no cover
735300240	200/400:5	4.0/2.0	3.0/1.5	0.3 B0.2/0.3 B0.5	4287182	Nema 2 Bar Type	2.55"	No base/no cover
735300241	300/600:5	3.0/2.0	2.2/1.5	0.3 B0.2/0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base/no cover
735300242	400/800:5	2.0/2.0	1.5/1.5	0.3 B0.2/0.3 B0.5	4287182	Nema 2 Bar Type	3.15"	No base/no cover
735300003	300:5	4.0	3.0	0.3 B0.5	4288843	Nema 4 Bar Type (1)	3.15"	Complete
735300004	400:5	4.0	3.0	0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	Complete
735300005	500:5	3.0	2.2	0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	Complete
735300006	600:5	2.0	1.5	0.3 B0.5	4288843	Nema 4 Bar Type (1)	3.15"	Complete
735300007	800:5	2.0	1.5	0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	Complete
735300008	1000:5	2.0	1.5	0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	Complete
735300009	1200:5	1.5	1.2	0.3 B1.8	4288843	Nema 4 Bar Type (2)	3.15"	Complete
735300021	300/600:5	3.0/2.0	2.2/1.5	0.3 B0.2/0.3 B0.5	4288843	Nema 4 Bar Type (1)	3.15"	Complete
735300022	400/800:5	2.0/2.0	1.5/1.5	0.3 B0.2/0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	Complete
735300143	300:5	4.0	3.0	0.3 B0.5	4288843	Nema 4 Bar Type (1)	3.15"	No base
735300144	400:5	4.0	3.0	0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	No base
735300145	500:5	3.0	2.2	0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	No base
735300146	600:5	2.0	1.5	0.3 B0.5	4288843	Nema 4 Bar Type (1)	3.15"	No base
735300147	800:5	2.0	1.5	0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	No base
735300148	1000:5	2.0	1.5	0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	No base
735300149	1200:5	1.5	1.2	0.3 B1.8	4288843	Nema 4 Bar Type (2)	3.15"	No base
735300261	300/600:5	3.0/2.0	2.2/1.5	0.3 B0.2/0.3 B0.5	4288843	Nema 4 Bar Type (1)	3.15"	No base
735300262	400/800:5	2.0/2.0	1.5/1.5	0.3 B0.2/0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	No base
735300163	300:5	4.0	3.0	0.3 B0.5	4288843	Nema 4 Bar Type (1)	3.15"	No base/no cover
735300164	400:5	4.0	3.0	0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	No base/no cover
735300165	500:5	3.0	2.2	0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	No base/no cover
735300166	600:5	2.0	1.5	0.3 B0.5	4288843	Nema 4 Bar Type (1)	3.15"	No base/no cover
735300167	800:5	2.0	1.5	0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	No base/no cover
735300168	1000:5	2.0	1.5	0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	No base/no cover
735300169	1200:5	1.5	1.2	0.3 B1.8	4288843	Nema 4 Bar Type (2)	3.15"	No base/no cover
735300281	300/600:5	3.0/2.0	2.2/1.5	0.3 B0.2/0.3 B0.5	4288843	Nema 4 Bar Type (1)	3.15"	No base/no cover
735300282	400/800:5	2.0/2.0	1.5/1.5	0.3 B0.2/0.3 B0.5	4288843	Nema 4 Bar Type (2)	3.15"	No base/no cover
735307120	600:5	2.0	1.5	0.15S B0.5	4287171	Window	3.15"	Complete
735300120	600:5	3.0	2.0	0.15S B0.2	4287171	Window	3.15"	Complete
735307200	1000:5	2.0	1.5	0.15S B0.5	4287171	Window	3.15"	Complete
735300300	600:5	2.0	1.5	0.15S B0.5	4287171	Window	3.15"	No base
735300301	600:5	3.0	2.0	0.15S B0.2	4287171	Window	3.15"	No base
735300302	1000:5	2.0	1.5	0.15S B0.5	4287171	Window	3.15"	No base
735300320	600:5	2.0	1.5	0.15S B0.5	4287171	Window	3.15"	No base/no cover
735300321	600:5	3.0	2.0	0.15S B0.2	4287171	Window	3.15"	No base/no cover
735300322	1000:5	2.0	1.5	0.15S B0.5	4287171	Window	3.15"	No base/no cover
735308120	600:5	2.0	1.5	0.15S B0.5	4287182	Nema 2 Bar Type	3.15"	Complete
735309120	600:5	3.0	2.0	0.15S B0.2	4287182	Nema 2 Bar Type	3.15"	Complete
735308200	1000:5	2.0	1.5	0.15S B0.5	4287182	Nema 2 Bar Type	3.15"	Complete
735300340	600:5	2.0	1.5	0.15S B0.5	4287182	Nema 2 Bar Type	3.15"	No base

# IRH-5

## 600 V CURRENT TRANSFORMER

### Electrical characteristics

Code	Current Ratio (Primary: Secondary) (A)	Continuous Thermal Current Rating Factor @ 30°C	Continuous Thermal Current Rating Factor @ 55°C	IEEE Metering Accuracy	Drawing number	Type	Window Size	Accessories
735300341	600:5	3.0	2.0	0.15S B0.2	4287182	Nema 2 Bar Type	3.15"	No base
735300342	1000:5	2.0	1.5	0.15S B0.5	4287182	Nema 2 Bar Type	3.15"	No base
735300360	600:5	2.0	1.5	0.15S B0.5	4287182	Nema 2 Bar Type	3.15"	No base/no cover
735300361	600:5	3.0	2.0	0.15S B0.2	4287182	Nema 2 Bar Type	3.15"	No base/no cover
735300362	1000:5	2.0	1.5	0.15S B0.5	4287182	Nema 2 Bar Type	3.15"	No base/no cover
735300040	600:5	2.0	1.5	0.15S B0.5	4288843	Nema 4 Bar Type (1)	3.15"	Complete
735300041	600:5	3.0	2.0	0.15S B0.2	4288843	Nema 4 Bar Type (2)	3.15"	Complete
735300042	1000:5	2.0	1.5	0.15S B0.5	4288843	Nema 4 Bar Type (2)	3.15"	Complete
735300380	600:5	2.0	1.5	0.15S B0.5	4288843	Nema 4 Bar Type (1)	3.15"	No base
735300381	600:5	3.0	2.0	0.15S B0.2	4288843	Nema 4 Bar Type (2)	3.15"	No base
735300382	1000:5	2.0	1.5	0.15S B0.5	4288843	Nema 4 Bar Type (2)	3.15"	No base
735300400	600:5	2.0	1.5	0.15S B0.5	4288843	Nema 4 Bar Type (1)	3.15"	No base/no cover
735300401	600:5	3.0	2.0	0.15S B0.2	4288843	Nema 4 Bar Type (2)	3.15"	No base/no cover
735300402	1000:5	2.0	1.5	0.15S B0.5	4288843	Nema 4 Bar Type (2)	3.15"	No base/no cover
735300310	600:5	3.0	2.0	0.15 B0.2*	4287182	Nema 2 Bar Type	3.15"	Complete
735300330	1000:5	2.0	1.5	0.15 B0.5*	4287182	Nema 2 Bar Type	3.15"	Complete
735300346	1200:5	2.0	1.5	0.15 B0.5*	4287171	Window	3.15"	Complete
735300206	600:5	3.0	2.0	0.15 B0.2*	4287182	Nema 2 Bar Type	3.15"	No base
735300306	600:5	3.0	2.0	0.15 B0.2*	4288843	Nema 4 Bar Type (2)	3.15"	Complete
735300246	600:5	3.0	2.0	0.15 B0.2*	4288843	Nema 4 Bar Type (2)	3.15"	No base
735301300	600:5	3.0	2.0	0.15 B0.2*	4287171	Window	3.15"	Complete
735300266	600:5	3.0	2.0	0.15 B0.2*	4287171	Window	3.15"	No base
735300208	1000:5	2.0	1.5	0.15 B0.5*	4287182	Nema 2 Bar Type	3.15"	No base
735300308	1000:5	2.0	1.5	0.15 B0.5*	4288843	Nema 4 Bar Type (2)	3.15"	Complete
735300248	1000:5	2.0	1.5	0.15 B0.5*	4288843	Nema 4 Bar Type (2)	3.15"	No base
735301320	1000:5	2.0	1.5	0.15 B0.5*	4287171	Window	3.15"	Complete
735300268	1000:5	2.0	1.5	0.15 B0.5*	4287171	Window	3.15"	No base
735300269	1200:5	2.0	1.5	0.15 B0.5*	4287171	Window	3.15"	No base
735305340	1200:5	2.0	1.5	0.15 B0.5*	4287182	Nema 2 Bar Type	3.15"	Complete
735300209	1200:5	2.0	1.5	0.15 B0.5*	4287182	Nema 2 Bar Type	3.15"	No base
735300309	1200:5	2.0	1.5	0.15 B0.5*	4288843	Nema 4 Bar Type (2)	3.15"	Complete
735300249	1200:5	2.0	1.5	0.15 B0.5*	4288843	Nema 4 Bar Type (2)	3.15"	No base

\* Accuracy range: 1% to RF HAER

### Notes:

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# IRH-7

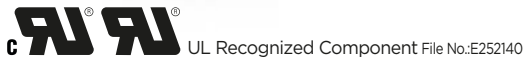
## 600 V CURRENT TRANSFORMER



INDOOR-  
OUTDOOR  
60 Hertz

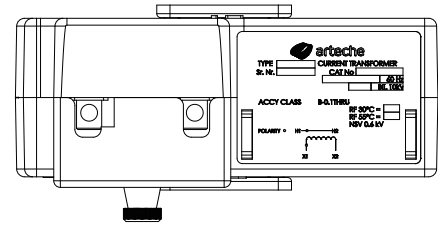
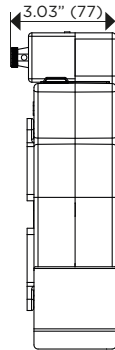
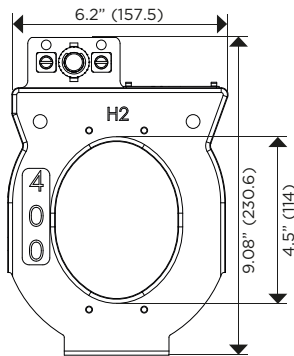
ARTECHE IRH series are dry type indoor/outdoor service current transformers. The core is encapsulated with epoxy resin which provides excellent internal dielectric properties and mechanical strength, ensuring a long mechanical and electrical life. The transformer is maintenance free.

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.



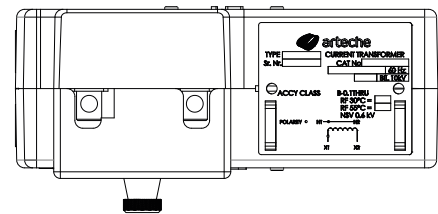
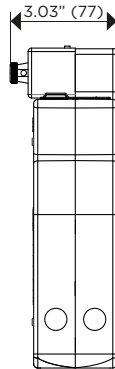
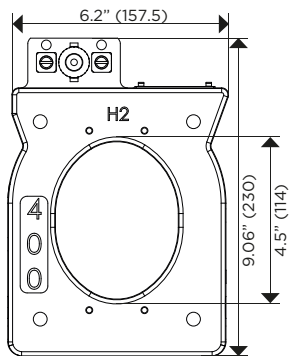
Mechanical characteristics		Weight (lbs.)
Insulation Material	Color	Tapered Type: 7.5 / Wide Type: 8.5
Resin	Blue	

Tapered Type:



Drawing number: 4287265

Wide Type:



Drawing number: 4287356

MARKING (Single Primary Ratio)	ONE SECONDARY	CONNEC- TIONS	SECONDARY TERMINALS AND SHORT CIRCUIT DEVICE
			<p>Secondary terminals. Type: Quick Connector Material: Brass Diameter: 1/4"</p>

Approximate dimensions in inches.

# IRH-7

## 600 V CURRENT TRANSFORMER

Electrical characteristics								
Code	Current Ratio (Primary: Secondary) (A)	Continuous Thermal Current Rating Factor @ 30°C	Continuous Thermal Current Rating Factor @ 55°C	IEEE Metering Accuracy	Drawing number	Type	Window Size	Accuracy metering explanation
735323020	100:5	4.0	3.0	1.2 B0.1	4287265	Tapered	4.5X3.5"	
735323040	200:5	4.0	3.0	0.3 B0.1	4287265	Tapered	4.5X3.5"	
735323060	300:5	4.0	3.0	0.3 B0.2	4287265	Tapered	4.5X3.5"	
735323080	400:5	4.0	3.0	0.3 B0.2	4287265	Tapered	4.5X3.5"	
735323100	500:5	3.0	2.2	0.3 B0.5	4287265	Tapered	4.5X3.5"	
735323120	600:5	3.0	2.2	0.3 B0.5	4287265	Tapered	4.5X3.5"	
735323160	800:5	3.0	2.2	0.3 B0.5	4287265	Tapered	4.5X3.5"	
735323200	1000:5	2.0	1.5	0.3 B0.5	4287265	Tapered	4.5X3.5"	
735323240	1200:5	2.0	1.5	0.3 B0.9	4287265	Tapered	4.5X3.5"	
735323300	1500:5	2.0	1.5	0.3 B0.9	4287265	Tapered	4.5X3.5"	
735323400	2000:5	1.5	1.2	0.3 B1.8	4287265	Tapered	4.5X3.5"	
735323600	3000:5	1.3	1.0	0.3 B1.8	4287265	Tapered	4.5X3.5"	
735323800	4000:5	1.0	Z	0.3 B1.8	4287265	Tapered	4.5X3.5"	
735324020	100:5	4.0	3.0	1.2 B0.1	4287356	Wide	4.5X3.5"	
735324040	200:5	4.0	3.0	0.3 B0.1	4287356	Wide	4.5X3.5"	
735324060	300:5	4.0	3.0	0.3 B0.2	4287356	Wide	4.5X3.5"	
735324080	400:5	4.0	3.0	0.3 B0.2	4287356	Wide	4.5X3.5"	
735324100	500:5	3.0	2.2	0.3 B0.5	4287356	Wide	4.5X3.5"	
735324120	600:5	3.0	2.2	0.3 B0.5	4287356	Wide	4.5X3.5"	
735324160	800:5	3.0	2.2	0.3 B0.5	4287356	Wide	4.5X3.5"	
735324200	1000:5	2.0	1.5	0.3 B0.5	4287356	Wide	4.5X3.5"	
735324240	1200:5	2.0	1.5	0.3 B0.9	4287356	Wide	4.5X3.5"	
735324300	1500:5	2.0	1.5	0.3 B0.9	4287356	Wide	4.5X3.5"	
735324400	2000:5	1.5	1.2	0.3 B1.8	4287356	Wide	4.5X3.5"	
735324600	3000:5	1.3	1.0	0.3 B1.8	4287356	Wide	4.5X3.5"	
735324800	4000:5	1.0	0.75	0.3 B1.8	4287356	Wide	4.5X3.5"	
735327100	500:5	2.0	1.5	0.15S B0.2	4287265	Tapered	4.5X3.5"	5% to RF
735328100	500:5	2.0	1.5	0.15S B0.2	4287356	Wide	4.5X3.5"	5% to RF
735320250	1000:5	2.0	1.5	0.15S B0.5	4287265	Tapered	4.5X3.5"	5% to RF
735327400	2000:5	2.0	1.5	0.15S B0.5	4287265	Tapered	4.5X3.5"	5% to RF
735320230	600:5	2.0	1.5	0.15S B0.5	4287265	Tapered	4.5X3.5"	5% to RF
735328200	1000:5	2.0	1.5	0.15S B0.5	4287356	Wide	4.5X3.5"	5% to RF
735328400	2000:5	2.0	1.5	0.15S B0.5	4287356	Wide	4.5X3.5"	5% to RF
735320220	500:5	2.0	1.5	0.15 B0.2*	4287265	Tapered	4.5X3.5"	* Accuracy range: 1% to RF
735320225	600:5	2.0	1.5	0.15 B0.2*	4287265	Tapered	4.5X3.5"	* Accuracy range: 1% to RF
735320240	800:5	2.0	1.5	0.15 B0.5*	4287265	Tapered	4.5X3.5"	* Accuracy range: 1% to RF
735320010	1000:5	2.0	1.5	0.15 B0.5*	4287265	Tapered	4.5X3.5"	* Accuracy range: 1% to RF
735320260	2000:5	2.0	1.5	0.15 B0.5*	4287265	Tapered	4.5X3.5"	* Accuracy range: 1% to RF

Additional ratings available upon request.

Notes: .....

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# IRH-10

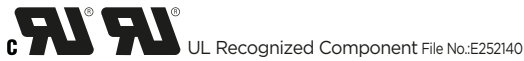
## 600 V CURRENT TRANSFORMER



INDOOR-  
OUTDOOR  
60 Hertz

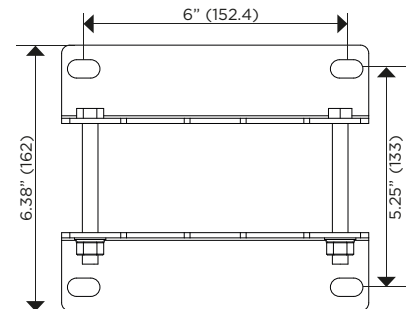
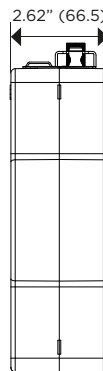
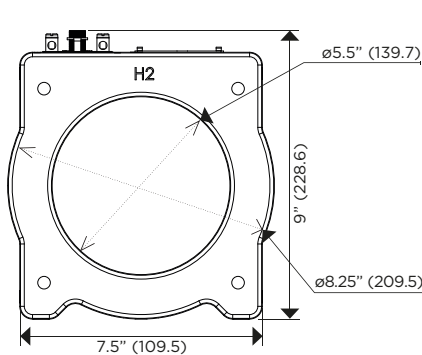
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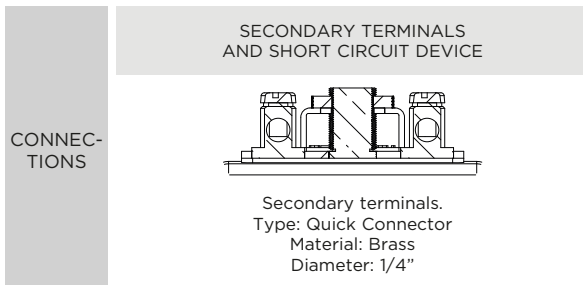
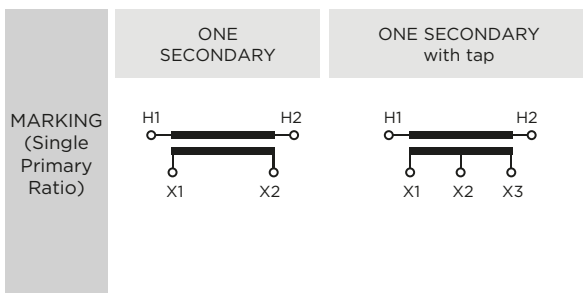


### Mechanical characteristics

Insulation Material	Color	Weight (lbs.)
Resin	Blue	13



Drawing number: 4287273



Approximate dimensions in inches (mm).

# IRH-10

## 600 V CURRENT TRANSFORMER

Electrical characteristics								
Code	Current Ratio (Primary: Secondary) (A)	Continuous Thermal Current Rating Factor @ 30°C	Continuous Thermal Current Rating Factor @ 55°C	IEEE Metering Accuracy	Drawing number	Type	Window Size	Accessories
735341080	400:5	3.0	2.2	0.3 B0.2	4287273	Window	5.5"	Complete
735341100	500:5	4.0	3.0	0.3 B0.5	4287273	Window	5.5"	Complete
735341120	600:5	3.0	2.2	0.3 B0.5	4287273	Window	5.5"	Complete
735341160	800:5	2.0	1.5	0.3 B0.5	4287273	Window	5.5"	Complete
735341200	1000:5	2.0	1.5	0.3 B0.5	4287273	Window	5.5"	Complete
735341240	1200:5	2.0	1.5	0.3 B0.9	4287273	Window	5.5"	Complete
735341300	1500:5	3.0	2.2	0.3 B0.9	4287273	Window	5.5"	Complete
735341400	2000:5	2.0	1.5	0.3 B1.8	4287273	Window	5.5"	Complete
735341600	3000:5	1.5	1.2	0.3 B1.8	4287273	Window	5.5"	Complete
735341800	4000:5	1.33	1.0	0.3 B1.8	4287273	Window	5.5"	Complete
735342120	600/1200:5	3.0/2.0	2.2/1.5	0.3 B0.2/B0.9	4287273	Window	5.5"	Complete
735342160	800/1600:5	3.0/2.0	2.2/1.5	0.3 B0.2/B1.8	4287273	Window	5.5"	Complete
735342200	1000/2000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4287273	Window	5.5"	Complete
735342300	1500/3000:5	2.0/1.5	1.5/1.2	0.3 B0.9/B1.8	4287273	Window	5.5"	Complete
735342400	2000/4000:5	2.0/1.33	1.5/1.0	0.3 B1.8/B1.8	4287273	Window	5.5"	Complete
735340000	400:5	3.0	2.2	0.3 B0.2	4287273	Window	5.5"	No base
735340001	500:5	4.0	3.0	0.3 B0.5	4287273	Window	5.5"	No base
735340002	600:5	3.0	2.2	0.3 B0.5	4287273	Window	5.5"	No base
735340003	800:5	2.0	1.5	0.3 B0.5	4287273	Window	5.5"	No base
735340004	1000:5	2.0	1.5	0.3 B0.5	4287273	Window	5.5"	No base
735340005	1200:5	2.0	1.5	0.3 B0.9	4287273	Window	5.5"	No base
735340006	1500:5	3.0	2.2	0.3 B0.9	4287273	Window	5.5"	No base
735340007	2000:5	2.0	1.5	0.3 B1.8	4287273	Window	5.5"	No base
735340008	3000:5	1.5	1.2	0.3 B1.8	4287273	Window	5.5"	No base
735340009	4000:5	1.33	1.0	0.3 B1.8	4287273	Window	5.5"	No base
735340160	600/1200:5	3.0/2.0	2.2/1.5	0.3 B0.2/B0.9	4287273	Window	5.5"	No base
735340161	800/1600:5	3.0/2.0	2.2/1.5	0.3 B0.2/B1.8	4287273	Window	5.5"	No base
735340162	1000/2000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4287273	Window	5.5"	No base
735340163	1500/3000:5	2.0/1.5	1.5/1.2	0.3 B0.9/B1.8	4287273	Window	5.5"	No base
735340164	2000/4000:5	2.0/1.33	1.5/1.0	0.3 B1.8/B1.8	4287273	Window	5.5"	No base
735340020	400:5	3.0	2.2	0.3 B0.2	4287273	Window	5.5"	No base/no cover
735340021	500:5	4.0	3.0	0.3 B0.5	4287273	Window	5.5"	No base/no cover
735340022	600:5	3.0	2.2	0.3 B0.5	4287273	Window	5.5"	No base/no cover
735340023	800:5	2.0	1.5	0.3 B0.5	4287273	Window	5.5"	No base/no cover
735340024	1000:5	2.0	1.5	0.3 B0.5	4287273	Window	5.5"	No base/no cover
735340025	1200:5	2.0	1.5	0.3 B0.9	4287273	Window	5.5"	No base/no cover
735340026	1500:5	3.0	2.2	0.3 B0.9	4287273	Window	5.5"	No base/no cover
735340027	2000:5	2.0	1.5	0.3 B1.8	4287273	Window	5.5"	No base/no cover
735340028	3000:5	1.5	1.2	0.3 B1.8	4287273	Window	5.5"	No base/no cover
735340029	4000:5	1.33	1.0	0.3 B1.8	4287273	Window	5.5"	No base/no cover
735340180	600/1200:5	3.0/2.0	2.2/1.5	0.3 B0.2/B0.9	4287273	Window	5.5"	No base/no cover
735340181	800/1600:5	3.0/2.0	2.2/1.5	0.3 B0.2/B1.8	4287273	Window	5.5"	No base/no cover
735340182	1000/2000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4287273	Window	5.5"	No base/no cover
735340183	1500/3000:5	2.0/1.5	1.5/1.2	0.3 B0.9/B1.8	4287273	Window	5.5"	No base/no cover
735340184	2000/4000:5	2.0/1.33	1.5/1.0	0.3 B1.8/B1.8	4287273	Window	5.5"	No base/no cover
735340040	400:5	3.0	2.2	0.3 B0.2	4287567	Window plate	5.5"	Complete
735340041	500:5	4.0	3.0	0.3 B0.5	4287567	Window plate	5.5"	Complete
735340042	600:5	3.0	2.2	0.3 B0.5	4287567	Window plate	5.5"	Complete
735340043	800:5	2.0	1.5	0.3 B0.5	4287567	Window plate	5.5"	Complete
735340044	1000:5	2.0	1.5	0.3 B0.5	4287567	Window plate	5.5"	Complete
735340045	1200:5	2.0	1.5	0.3 B0.9	4287567	Window plate	5.5"	Complete
735340046	1500:5	3.0	2.2	0.3 B0.9	4287567	Window plate	5.5"	Complete
735340047	2000:5	2.0	1.5	0.3 B1.8	4287567	Window plate	5.5"	Complete
735340048	3000:5	1.5	1.2	0.3 B1.8	4287567	Window plate	5.5"	Complete
735340049	4000:5	1.33	1.0	0.3 B1.8	4287567	Window plate	5.5"	Complete
735340200	600/1200:5	3.0/2.0	2.2/1.5	0.3 B0.2/B0.9	4287567	Window plate	5.5"	Complete
735340201	800/1600:5	3.0/2.0	2.2/1.5	0.3 B0.2/B1.8	4287567	Window plate	5.5"	Complete
735340202	1000/2000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4287567	Window plate	5.5"	Complete
735340203	1500/3000:5	2.0/1.5	1.5/1.2	0.3 B0.9/B1.8	4287567	Window plate	5.5"	Complete
735340204	2000/4000:5	2.0/1.33	1.5/1.0	0.3 B1.8/B1.8	4287567	Window plate	5.5"	Complete

Electrical characteristics								
Code	Current Ratio (Primary: Secondary) (A)	Continuous Thermal Current Rating Factor @ 30°C	Continuous Thermal Current Rating Factor @ 55°C	IEEE Metering Accuracy	Drawing number	Type	Window Size	Accessories
735340060	400:5	3.0	2.2	0.3 B0.2	4287567	Window plate	5.5"	No base
735340061	500:5	4.0	3.0	0.3 B0.5	4287567	Window plate	5.5"	No base
735340062	600:5	3.0	2.2	0.3 B0.5	4287567	Window plate	5.5"	No base
735340063	800:5	2.0	1.5	0.3 B0.5	4287567	Window plate	5.5"	No base
735340064	1000:5	2.0	1.5	0.3 B0.5	4287567	Window plate	5.5"	No base
735340065	1200:5	2.0	1.5	0.3 B0.9	4287567	Window plate	5.5"	No base
735340066	1500:5	3.0	2.2	0.3 B0.9	4287567	Window plate	5.5"	No base
735340067	2000:5	2.0	1.5	0.3 B1.8	4287567	Window plate	5.5"	No base
735340068	3000:5	1.5	1.2	0.3 B1.8	4287567	Window plate	5.5"	No base
735340069	4000:5	1.33	1.0	0.3 B1.8	4287567	Window plate	5.5"	No base
735340220	600/1200:5	3.0/2.0	2.2/1.5	0.3 B0.2/B0.9	4287567	Window plate	5.5"	No base
735340221	800/1600:5	3.0/2.0	2.2/1.5	0.3 B0.2/B1.8	4287567	Window plate	5.5"	No base
735340222	1000/2000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4287567	Window plate	5.5"	No base
735340223	1500/3000:5	2.0/1.5	1.5/1.2	0.3 B0.9/B1.8	4287567	Window plate	5.5"	No base
735340224	2000/4000:5	2.0/1.33	1.5/1.0	0.3 B1.8/B1.8	4287567	Window plate	5.5"	No base
735340080	400:5	3.0	2.2	0.3 B0.2	4287567	Window plate	5.5"	No base/no cover
735340081	500:5	4.0	3.0	0.3 B0.5	4287567	Window plate	5.5"	No base/no cover
735340082	600:5	3.0	2.2	0.3 B0.5	4287567	Window plate	5.5"	No base/no cover
735340083	800:5	2.0	1.5	0.3 B0.5	4287567	Window plate	5.5"	No base/no cover
735340084	1000:5	2.0	1.5	0.3 B0.5	4287567	Window plate	5.5"	No base/no cover
735340085	1200:5	2.0	1.5	0.3 B0.9	4287567	Window plate	5.5"	No base/no cover
735340086	1500:5	3.0	2.2	0.3 B0.9	4287567	Window plate	5.5"	No base/no cover
735340087	2000:5	2.0	1.5	0.3 B1.8	4287567	Window plate	5.5"	No base/no cover
735340088	3000:5	1.5	1.2	0.3 B1.8	4287567	Window plate	5.5"	No base/no cover
735340089	4000:5	1.33	1.0	0.3 B1.8	4287567	Window plate	5.5"	No base/no cover
735340228	600/1200:5	3.0/2.0	2.2/1.5	0.3 B0.2/B0.9	4287567	Window plate	5.5"	No base/no cover
735340241	800/1600:5	3.0/2.0	2.2/1.5	0.3 B0.2/B1.8	4287567	Window plate	5.5"	No base/no cover
735340242	1000/2000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4287567	Window plate	5.5"	No base/no cover
735340243	1500/3000:5	2.0/1.5	1.5/1.2	0.3 B0.9/B1.8	4287567	Window plate	5.5"	No base/no cover
735340244	2000/4000:5	2.0/1.33	1.5/1.0	0.3 B1.8/B1.8	4287567	Window plate	5.5"	No base/no cover
735340100	400:5	3.0	2.2	0.3 B0.2	4288844	Nema 4 Bar Type (1)	5.5"	Complete
735340101	500:5	4.0	3.0	0.3 B0.5	4288844	Nema 4 Bar Type (2)	5.5"	Complete
735340102	600:5	3.0	2.2	0.3 B0.5	4288844	Nema 4 Bar Type (2)	5.5"	Complete
735340103	800:5	2.0	1.5	0.3 B0.5	4288844	Nema 4 Bar Type (1)	5.5"	Complete
735340104	1000:5	2.0	1.5	0.3 B0.5	4288844	Nema 4 Bar Type (2)	5.5"	Complete
735340105	1200:5	2.0	1.5	0.3 B0.9	4288844	Nema 4 Bar Type (2)	5.5"	Complete
735340106	1500:5	3.0	2.2	0.3 B0.9	4288844	Nema 4 Bar Type (3)	5.5"	Complete
735340107	2000:5	2.0	1.5	0.3 B1.8	4288844	Nema 4 Bar Type (3)	5.5"	Complete
735340108	3000:5	1.5	1.2	0.3 B1.8	4288844	Nema 4 Bar Type (3)	5.5"	Complete
735340109	4000:5	1.33	1.0	0.3 B1.8	4288844	Nema 4 Bar Type (4)	5.5"	Complete
735340158	600/1200:5	3.0/2.0	2.2/1.5	0.3 B0.2/B0.9	4288844	Nema 4 Bar Type (2)	5.5"	Complete
735340261	800/1600:5	3.0/2.0	2.2/1.5	0.3 B0.2/B1.8	4288844	Nema 4 Bar Type (2)	5.5"	Complete
735340262	1000/2000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4288844	Nema 4 Bar Type (3)	5.5"	Complete
735340263	1500/3000:5	2.0/1.5	1.5/1.2	0.3 B0.9/B1.8	4288844	Nema 4 Bar Type (3)	5.5"	Complete
735340264	2000/4000:5	2.0/1.33	1.5/1.0	0.3 B1.8/B1.8	4288844	Nema 4 Bar Type (4)	5.5"	Complete
735340120	400:5	3.0	2.2	0.3 B0.2	4288844	Nema 4 Bar Type (1)	5.5"	No base
735340121	500:5	4.0	3.0	0.3 B0.5	4288844	Nema 4 Bar Type (2)	5.5"	No base
735340122	600:5	3.0	2.2	0.3 B0.5	4288844	Nema 4 Bar Type (2)	5.5"	No base
735340123	800:5	2.0	1.5	0.3 B0.5	4288844	Nema 4 Bar Type (1)	5.5"	No base
735340124	1000:5	2.0	1.5	0.3 B0.5	4288844	Nema 4 Bar Type (2)	5.5"	No base
735340125	1200:5	2.0	1.5	0.3 B0.9	4288844	Nema 4 Bar Type (2)	5.5"	No base
735340126	1500:5	3.0	2.2	0.3 B0.9	4288844	Nema 4 Bar Type (3)	5.5"	No base
735340127	2000:5	2.0	1.5	0.3 B1.8	4288844	Nema 4 Bar Type (3)	5.5"	No base
735340128	3000:5	1.5	1.2	0.3 B1.8	4288844	Nema 4 Bar Type (3)	5.5"	No base
735340129	4000:5	1.33	1.0	0.3 B1.8	4288844	Nema 4 Bar Type (4)	5.5"	No base
735340280	600/1200:5	3.0/2.0	2.2/1.5	0.3 B0.2/B0.9	4288844	Nema 4 Bar Type (2)	5.5"	No base
735340281	800/1600:5	3.0/2.0	2.2/1.5	0.3 B0.2/B1.8	4288844	Nema 4 Bar Type (2)	5.5"	No base
735340282	1000/2000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4288844	Nema 4 Bar Type (3)	5.5"	No base
735340283	1500/3000:5	2.0/1.5	1.5/1.2	0.3 B0.9/B1.8	4288844	Nema 4 Bar Type (3)	5.5"	No base
735340284	2000/4000:5	2.0/1.33	1.5/1.0	0.3 B1.8/B1.8	4288844	Nema 4 Bar Type (4)	5.5"	No base



# IRH-10

## 600 V CURRENT TRANSFORMER

Electrical characteristics								
Code	Current Ratio (Primary: Secondary) (A)	Continuous Thermal Current Rating Factor @ 30°C	Continuous Thermal Current Rating Factor @ 55°C	IEEE Metering Accuracy	Drawing number	Type	Window Size	Accessories
735340140	400:5	3.0	2.2	0.3 B0.2	4288844	Nema 4 Bar Type (1)	5.5"	No base/no cover
735340141	500:5	4.0	3.0	0.3 B0.5	4288844	Nema 4 Bar Type (2)	5.5"	No base/no cover
735340142	600:5	3.0	2.2	0.3 B0.5	4288844	Nema 4 Bar Type (2)	5.5"	No base/no cover
735340143	800:5	2.0	1.5	0.3 B0.5	4288844	Nema 4 Bar Type (1)	5.5"	No base/no cover
735340144	1000:5	2.0	1.5	0.3 B0.5	4288844	Nema 4 Bar Type (2)	5.5"	No base/no cover
735340145	1200:5	2.0	1.5	0.3 B0.9	4288844	Nema 4 Bar Type (2)	5.5"	No base/no cover
735340146	1500:5	3.0	2.2	0.3 B0.9	4288844	Nema 4 Bar Type (3)	5.5"	No base/no cover
735340147	2000:5	2.0	1.5	0.3 B1.8	4288844	Nema 4 Bar Type (3)	5.5"	No base/no cover
735340148	3000:5	1.5	1.2	0.3 B1.8	4288844	Nema 4 Bar Type (3)	5.5"	No base/no cover
735340149	4000:5	1.33	1.0	0.3 B1.8	4288844	Nema 4 Bar Type (4)	5.5"	No base/no cover
735340303	600/1200:5	3.0/2.0	2.2/1.5	0.3 B0.2/B0.9	4288844	Nema 4 Bar Type (2)	5.5"	No base/no cover
735340304	800/1600:5	3.0/2.0	2.2/1.5	0.3 B0.2/B1.8	4288844	Nema 4 Bar Type (2)	5.5"	No base/no cover
735340305	1000/2000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4288844	Nema 4 Bar Type (3)	5.5"	No base/no cover
735340306	1500/3000:5	2.0/1.5	1.5/1.2	0.3 B0.9/B1.8	4288844	Nema 4 Bar Type (3)	5.5"	No base/no cover
735340307	2000/4000:5	2.0/1.33	1.5/1.0	0.3 B1.8/B1.8	4288844	Nema 4 Bar Type (4)	5.5"	No base/no cover
735340210	600:5	3.0	2.0	0.15 B0.2*	4287273	Window	5.5"	Complete
735340226	800:5	3.0	2.0	0.15 B0.5*	4287273	Window	5.5"	Complete
735340230	1000:5	2.5	1.8	0.15 B0.9*	4287273	Window	5.5"	Complete
735340240	1200:5	2.5	1.8	0.15 B0.9*	4287273	Window	5.5"	Complete
735340250	1500:5	2.5	1.8	0.15 B0.9*	4287273	Window	5.5"	Complete
735340266	2000:5	2.5	1.8	0.15 B0.9*	4287273	Window	5.5"	Complete
735340270	3000:5	1.5	1.0	0.15 B0.9*	4287273	Window	5.5"	Complete

Additional ratings available upon request.

\* Accuracy range: 1% to RF HAER

### Notes:

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# IRH-12

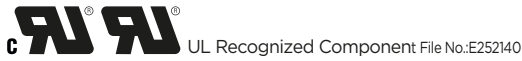
## 600 V CURRENT TRANSFORMER



INDOOR-  
OUTDOOR  
60 Hertz

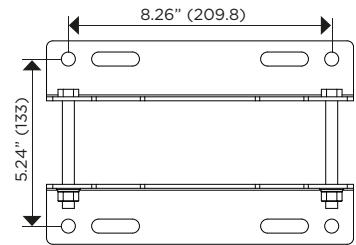
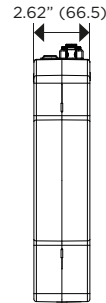
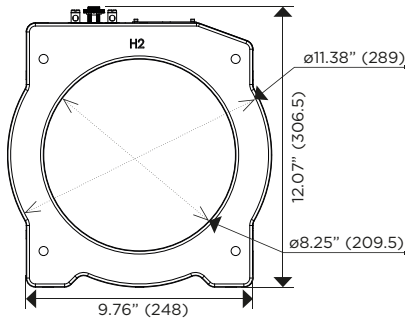
ARTECHE IRH series are dry type indoor/outdoor service current transformers. The core is encapsulated with epoxy resin which provides excellent internal dielectric properties and mechanical strength, ensuring a long mechanical and electrical life. The transformer is maintenance free.

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.

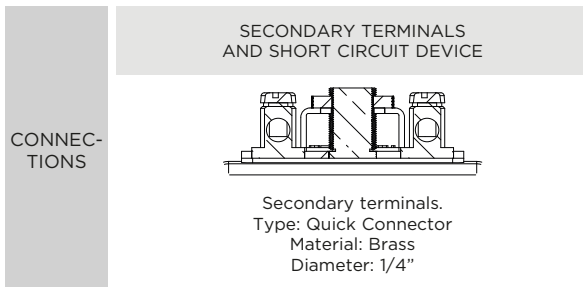
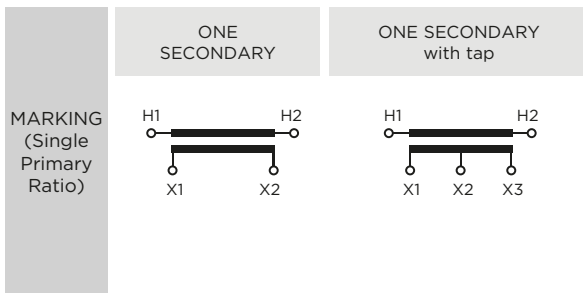


### Mechanical characteristics

Insulation Material	Color	Weight (lbs.)
Resin	Blue	19



Drawing number: 4287275



Approximate dimensions in inches (mm).

# IRH-12

## 600 V CURRENT TRANSFORMER

Electrical characteristics									
Code	Current Ratio (Primary: Secondary) (A)	Continuous Thermal Current Rating Factor @ 30°C	Continuous Thermal Current Rating Factor @ 55°C	IEEE Metering Accuracy	Drawing number	Type	Window Size	Accessories	Accuracy metering explanation
735361400	2000:5	2.0	1.5	0.3 B1.8	4287275	Window	8.25"	Complete	
735361600	3000:5	2.0	1.5	0.3 B1.8	4287275	Window	8.25"	Complete	
735361800	4000:5	1.5	1.2	0.3 B1.8	4287275	Window	8.25"	Complete	
735361100	5000:5	1.33	1.0	0.3 B1.8	4287275	Window	8.25"	Complete	
735361120	6000:5	1.0	0.75	0.3 B1.8	4287275	Window	8.25"	Complete	
735362200	1000/2000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4287275	Window	8.25"	Complete	
735362300	1500/3000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4287275	Window	8.25"	Complete	
735362400	2000/4000:5	2.0/1.5	1.5/1.2	0.3 B0.9/B1.8	4287275	Window	8.25"	Complete	
735369991	2500/5000:5	2.0/1.33	1.5/1.0	0.3 B1.8/B1.8	4287275	Window	8.25"	Complete	
735369992	3000/6000:5	1.33/1.0	1.0/0.75	0.3 B1.8/B1.8	4287275	Window	8.25"	Complete	
735360000	2000:5	2.0	1.5	0.3 B1.8	4287275	Window	8.25"	No base	
735360001	3000:5	2.0	1.5	0.3 B1.8	4287275	Window	8.25"	No base	
735360002	4000:5	1.5	1.2	0.3 B1.8	4287275	Window	8.25"	No base	
735360003	5000:5	1.33	1.0	0.3 B1.8	4287275	Window	8.25"	No base	
735360004	6000:5	1.0	0.75	0.3 B1.8	4287275	Window	8.25"	No base	
735360030	1000/2000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4287275	Window	8.25"	No base	
735360031	1500/3000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4287275	Window	8.25"	No base	
735360032	2000/4000:5	2.0/1.5	1.5/1.2	0.3 B0.9/B1.8	4287275	Window	8.25"	No base	
735360033	2500/5000:5	2.0/1.33	1.5/1.0	0.3 B1.8/B1.8	4287275	Window	8.25"	No base	
735360034	3000/6000:5	1.33/1.0	1.0/0.75	0.3 B1.8/B1.8	4287275	Window	8.25"	No base	
735360015	2000:5	2.0	1.5	0.3 B1.8	4287275	Window	8.25"	No base/no cover	
735360016	3000:5	2.0	1.5	0.3 B1.8	4287275	Window	8.25"	No base/no cover	
735360017	4000:5	1.5	1.2	0.3 B1.8	4287275	Window	8.25"	No base/no cover	
735360018	5000:5	1.33	1.0	0.3 B1.8	4287275	Window	8.25"	No base/no cover	
735360019	6000:5	1.0	0.75	0.3 B1.8	4287275	Window	8.25"	No base/no cover	
735360045	1000/2000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4287275	Window	8.25"	No base/no cover	
735360046	1500/3000:5	3.0/2.0	2.2/1.5	0.3 B0.5/B1.8	4287275	Window	8.25"	No base/no cover	
735360047	2000/4000:5	2.0/1.5	1.5/1.2	0.3 B0.9/B1.8	4287275	Window	8.25"	No base/no cover	
735360048	2500/5000:5	2.0/1.33	1.5/1.0	0.3 B1.8/B1.8	4287275	Window	8.25"	No base/no cover	
735360049	3000/6000:5	1.33/1.0	1.0/0.75	0.3 B1.8/B1.8	4287275	Window	8.25"	No base/no cover	
735360210	2000:5	2.5	1.8	0.15 B0.9*	4287275	Window	8.25"	Complete	* Accuracy range: 1% to RF

Additional ratings available upon request.

Notes: .....

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# IFD-1

# 600 V CURRENT TRANSFORMER



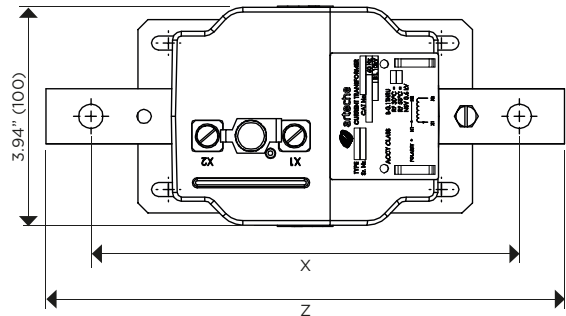
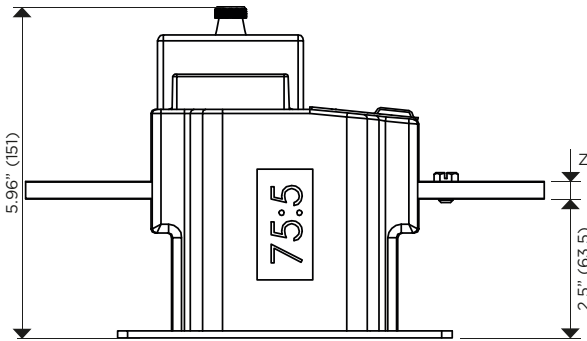
INDOOR  
60 Hertz

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).

# IFD-1

## 600 V CURRENT TRANSFORMER

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.

Notes: .....

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# IFD-3

## 600 V CURRENT TRANSFORMER



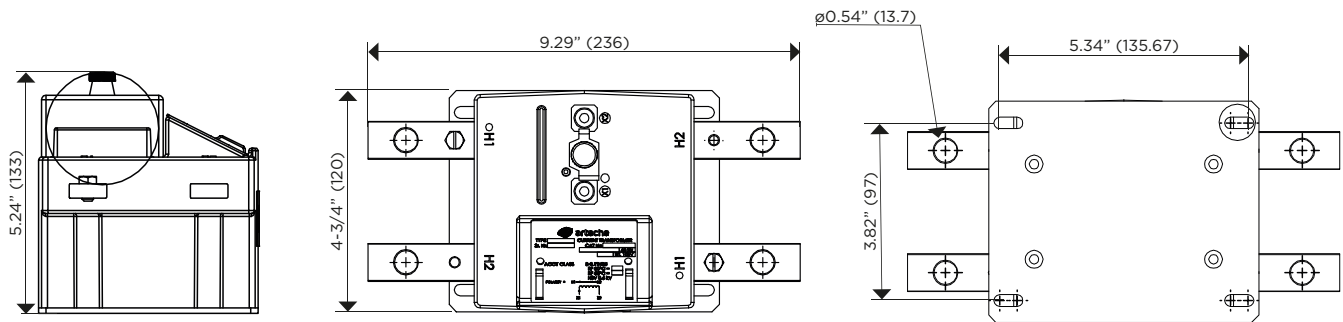
INDOOR  
60 Hertz

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: 8.3



Drawing number: 4288335

Approximate dimensions in inches (mm).



# ICP-3

## 600 V CURRENT TRANSFORMER



INDOOR  
60 Hertz

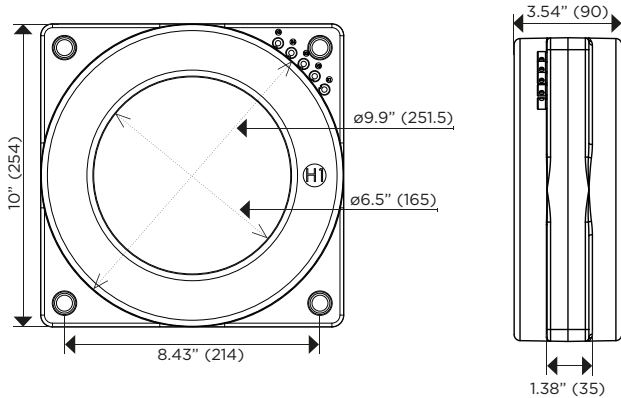
ARTECHE ICP series are dry type indoor service current transformers. The core is encapsulated with an impact-resistant polycarbonate which provides excellent internal dielectric properties and mechanical strength, ensuring a long mechanical and electrical life. The transformer is maintenance free.

The core is built with high permeability grain oriented silicon steel laminations for low losses.

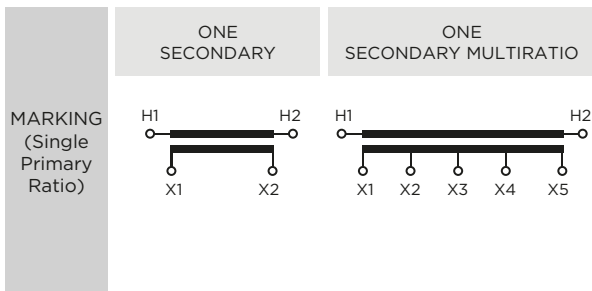
The windings are copper wire with copper plate double isolation. The concentric distribution of the coils prevents magnetic flux leakage, achieving greater accuracy and higher capacity to withstand mechanical stresses in adverse operating conditions.

### Mechanical characteristics

Insulation Material	Color	Weight (lbs.)
Polycarbonate	Black	26



Drawing number: 4287899



Approximate dimensions in inches (mm).



# ICP-3

## 600 V CURRENT TRANSFORMER

Electrical characteristics										
Code	Current Ratio (Primary: Secondary) (A)	Continuous Thermal Current Rating Factor @ 30°C	Continuous Thermal Current Rating Factor @ 55°C	IEEE Metering Accuracy	Relay Accuracy	Nominal Voltage System (kV)	BIL (kV)	Power-Frequency Withstand Voltage (1 min)		Type
								Primary & Secondary (kV <sub>rms</sub> )	Secondary Winding (kV <sub>rms</sub> )	
735131015	75:5	2.0	1.5	2.4B0.2	C10	0.6	10	4	2.5	Window (6.5")
735131020	100:5	2.0	1.5	1.2B0.1/2.4B0.2	C10	0.6	10	4	2.5	Window (6.5")
735131030	150:5	2.0	1.5	0.6B0.1/1.2B0.2/2.4B0.5	C20	0.6	10	4	2.5	Window (6.5")
735131040	200:5	2.0	1.5	0.6B0.2/1.2B0.5	C20	0.6	10	4	2.5	Window (6.5")
735131050	250:5	2.0	1.5	0.6B0.2/1.2B0.5/2.4B0.9	C20	0.6	10	4	2.5	Window (6.5")
735131060	300:5	2.0	1.5	0.3B0.1/0.6B0.2/1.2B0.9/2.4B1.8	C20	0.6	10	4	2.5	Window (6.5")
735131080	400:5	2.0	1.5	0.3B0.2/0.6B0.5/1.2B1.8	C50	0.6	10	4	2.5	Window (6.5")
735131100	500:5	2.0	1.5	0.3B0.5/0.6B0.9/1.2B1.8	C50	0.6	10	4	2.5	Window (6.5")
735131120	600:5	2.0	1.5	0.3B0.5/0.6B1.8	C100	0.6	10	4	2.5	Window (6.5")
735131160	800:5	2.0	1.5	0.3B0.9/0.6B1.8	C100	0.6	10	4	2.5	Window (6.5")
735131200	1000:5	2.0	1.5	0.3B1.8	C100	0.6	10	4	2.5	Window (6.5")
735131240	1200:5	2.0	1.5	0.3B1.8	C200	0.6	10	4	2.5	Window (6.5")
735131300	1500:5	2.0	1.5	0.3B1.8	C200	0.6	10	4	2.5	Window (6.5")
735131400	2000:5	2.0	1.5	0.3B1.8	C200	0.6	10	4	2.5	Window (6.5")
735131500	2500:5	2.0	1.5	0.3B1.8	C200	0.6	10	4	2.5	Window (6.5")
735131600	3000:5	2.0	1.5	0.3B1.8	C200	0.6	10	4	2.5	Window (6.5")
735131800	4000:5	1.5	1.2	0.3B1.8	C200	0.6	10	4	2.5	Window (6.5")
735132120	600:5 MR	2.0	1.5	0.3B0.5/0.6B1.8	C100	0.6	10	4	2.5	Window (6.5")
735132240	1200:5 MR	2.0	1.5	0.3B1.8	C200	0.6	10	4	2.5	Window (6.5")
735132400	2000:5 MR	2.0	1.5	0.3B1.8	C200	0.6	10	4	2.5	Window (6.5")
735132600	3000:5 MR	2.0	1.5	0.3B1.8	C200	0.6	10	4	2.5	Window (6.5")
735132800	4000:5 MR	1.5	1.2	0.3B1.8	C200	0.6	10	4	2.5	Window (6.5")

Additional ratings available upon request.

Notes: .....

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# ICP-5

## 600 V CURRENT TRANSFORMER



INDOOR  
60 Hertz

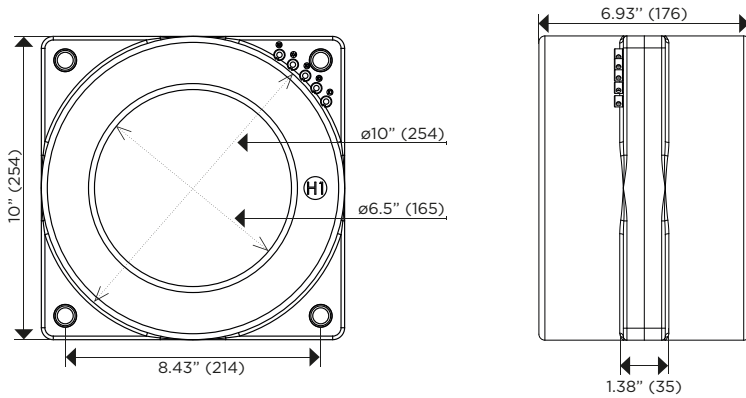
ARTECHE ICP series are dry type indoor service current transformers. The core is encapsulated with an impact-resistant polycarbonate which provides excellent internal dielectric properties and mechanical strength, ensuring a long mechanical and electrical life. The transformer is maintenance free.

The core is built with high permeability grain oriented silicon steel laminations for low losses.

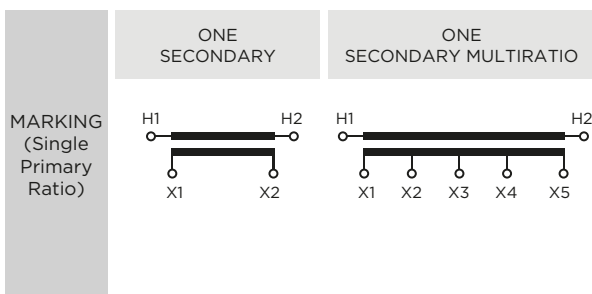
The windings are copper wire with copper plate double isolation. The concentric distribution of the coils prevents magnetic flux leakage, achieving greater accuracy and higher capacity to withstand mechanical stresses in adverse operating conditions.

### Mechanical characteristics

Insulation Material	Color	Weight (lbs.)
Polycarbonate	Black	54.8



Drawing number: 4287900



Approximate dimensions in inches (mm).

# ICP-5

## 600 V CURRENT TRANSFORMER

Electrical characteristics										
Code	Current Ratio (Primary: Secondary) (A)	Continuous Thermal Current Rating Factor @ 30°C	Continuous Thermal Current Rating Factor @ 55°C	IEEE Metering Accuracy	Relay Accuracy	Nominal Voltage System (kV)	BIL (kV)	Power-Frequency Withstand Voltage (1 min)		Type
								Primary & Secondary (kV <sub>rms</sub> )	Secondary Winding (kV <sub>rms</sub> )	
735151010	50:5	2.0	1.5	1.2B0.1/2.4B0.2	C10	0.6	10	4	2.5	Window (6.5")
735151015	75:5	2.0	1.5	1.2B0.2/2.4B0.5	C20	0.6	10	4	2.5	Window (6.5")
735151020	100:5	2.0	1.5	0.6B0.1/1.2B0.2/2.4B0.5	C20	0.6	10	4	2.5	Window (6.5")
735151030	150:5	2.0	1.5	0.6B0.2/1.2B0.5/2.4B0.9	C50	0.6	10	4	2.5	Window (6.5")
735151040	200:5	2.0	1.5	0.3B0.2/0.6B0.5/1.2B0.9/2.4B1.8	C50	0.6	10	4	2.5	Window (6.5")
735151050	250:5	2.0	1.5	0.3B0.2/0.6B0.5/1.2B0.9/2.4B1.8	C50	0.6	10	4	2.5	Window (6.5")
735151060	300:5	2.0	1.5	0.3B0.5/0.6B0.9/1.2B1.8	C100	0.6	10	4	2.5	Window (6.5")
735151080	400:5	2.0	1.5	0.3B0.5/0.6B1.8	C100	0.6	10	4	2.5	Window (6.5")
735151100	500:5	2.0	1.5	0.3B0.9/0.6B1.8	C100	0.6	10	4	2.5	Window (6.5")
735151120	600:5	2.0	1.5	0.3B0.9/0.6B1.8	C200	0.6	10	4	2.5	Window (6.5")
735151160	800:5	2.0	1.5	0.3B1.8	C200	0.6	10	4	2.5	Window (6.5")
735151200	1000:5	2.0	1.5	0.3B1.8	C200	0.6	10	4	2.5	Window (6.5")
735151240	1200:5	2.0	1.5	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")
735151300	1500:5	2.0	1.5	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")
735151400	2000:5	2.0	1.5	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")
735151500	2500:5	2.0	1.5	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")
735151600	3000:5	2.0	1.5	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")
735151800	4000:5	1.5	1.2	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")
735159991	5000:5	1.2	1	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")
735159992	6000:5	1.0	0.75	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")
735152120	600:5 MR	2.0	1.5	0.3B0.9/0.6B1.8	C200	0.6	10	4	2.5	Window (6.5")
735152240	1200:5 MR	2.0	1.5	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")
735152400	2000:5 MR	2.0	1.5	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")
735152600	3000:5 MR	2.0	1.5	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")
735152800	4000:5 MR	1.5	1.2	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")
735159993	5000:5 MR	1.2	1	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")
735159994	6000:5 MR	1.0	0.75	0.3B1.8	C400	0.6	10	4	2.5	Window (6.5")

Additional ratings available upon request.

Notes: .....

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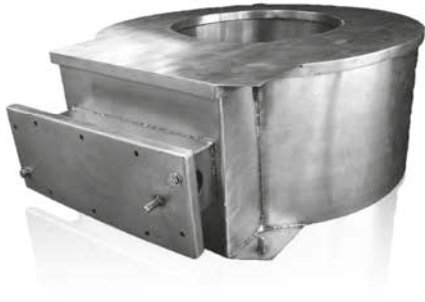
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## OVER BUSHING CURRENT TRANSFORMER



## 600 V CURRENT TRANSFORMER

The ARTECHE Over Bushing CT series are 600 V rated units designed to fit over a variety of specified bushing sizes. Primary current ratios are available from 200:5 thru 5000:5 at 60 Hz with a Rating Factor of up to 4.0.

This Slip-Over type CT will operate with high accuracy for metering or relay applications.

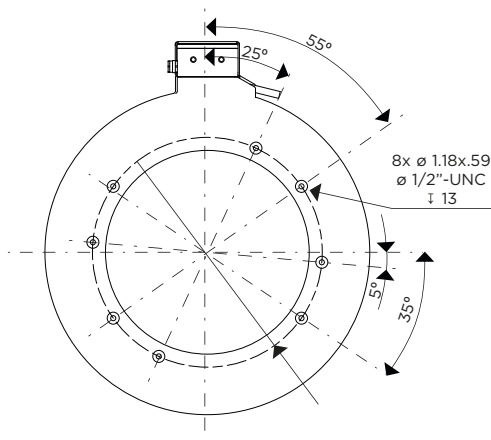
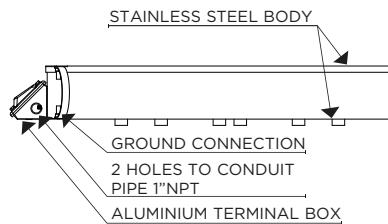
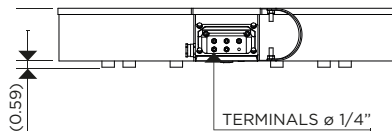
OUTDOOR  
60 Hertz  
Single, Dual and Multi Ratios, Window  
Type, Metering/Relaying

### Mechanical characteristics

The core and coil assembly is wound and tape wrapped and is available in window sizes from 2.5 to 45 inches. The secondary leads are typically #10 AWG or #12 AWG. The bushing insulation provides the dielectric protection for the CT.

A metal housing covers the whole Current Transformer.

The core of the CT is constructed from high permeability grain oriented silicon steel laminations which provide low core losses. The windings are constructed with copper wire and copper plate double isolation. Concentric distribution of the CT coils prevents magnetic flux leakage, achieving greater accuracy and higher capacity to withstand mechanical stresses under adverse operating conditions.



## OVER BUSHING CURRENT TRANSFORMER

## 600 V CURRENT TRANSFORMER

### Accuracy performance

The ARTECHE Bushing CT provides 0.3 metering class accuracy with burdens from B0.1 to B1.8 and up to class C800 for relay applications. The transformer is accurate through its Rating Factor, and can be used continuously to this level.

### Mounting

The ARTECHE Bushing CT is designed to be externally mounted around the bushings of power transformers, circuit breakers, underground potheads or in switchgear.

### How to order

When ordering an ARTECHE Over Bushing CT, include the following information:

- 1. Minimum inside diameter (ID) \_\_\_\_\_ in [mm]
- 2. Maximum outside diameter (OD) \_\_\_\_\_ in [mm]
- 3. Maximum allowable height (HT) \_\_\_\_\_ in [mm]
- 4. Current ratio and taps, if any \_\_\_\_\_ (:5A or :1A | SR, DR, MR)
- 5. Accuracy and burden requirements, for example.
  - Metering - \_\_\_\_\_ (0.3 B0.1 thru B1.8)
  - Relaying - \_\_\_\_\_ (C-100, C-200, C-400, or C-800 or other)
  - If IEC ratings, list class and burden \_\_\_\_\_ (e.g. class 0.2-20 VA, 5P20-40 VA)
- 6. Continuous Rating Factor \_\_\_\_\_ (standard is RF=2.0)
- 7. Frequency \_\_\_\_\_ (standard is 60 Hz)
- 8. Lead length & type \_\_\_\_\_ size - \_\_\_\_\_ (standard is #10 AWG TW)

NOTE - Due to the many variations of mounting, Arteche does not supply mounting hardware. Units are custom manufactured to customer specifications. Contact factory to discuss other options.

### Testing

The ARTECHE Bushing CT is individually tested per the IEEE C57.13 standard, including dielectric tests, accuracy and polarity.

### Options

Through careful calculation, steel selection and testing, existing current transformer characteristics can be matched with the ARTECHE Bushing CT. Existing characteristic curve would be required. Contact factory for other needs.

**Notes:** .....

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# BUSHING CURRENT TRANSFORMER

# 600 V CURRENT TRANSFORMER



INDOOR  
60 Hertz  
Single, Dual and  
Multi Ratios,  
Window Type,  
Metering/Relaying

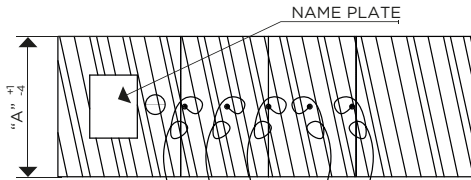
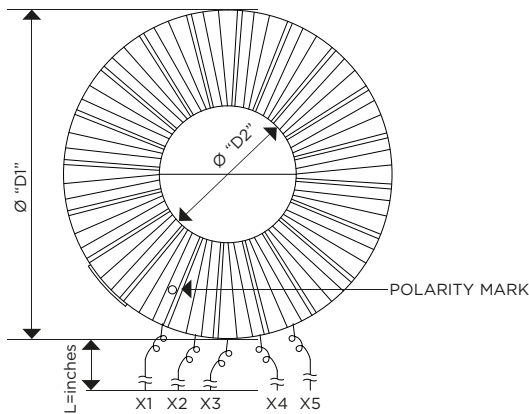
ARTECHE Bushing CT series are designed to fit over a variety of specified bushing sizes. Primary current ratios are available from 200:5 thru 5000:5 at 60 Hz with a Rating Factor up to 4.0. This tape-wound CT will operate for metering or relaying applications.

### Mechanical characteristics

The core and coil assembly is wound and tape wrapped and is available in window sizes from 2.5 to 45 inches.

The secondary leads are typically #10 AWG or #12 AWG. The bushing insulation provides the dielectric protection for the CT. Optional TEFZEL insulation for the CT is also available.

The core of the CT is constructed from high permeability grain oriented silicon steel laminations which provide low core losses. The windings are constructed with copper wire and copper plate double insulated. All secondary windings are fully distributed around the core, which provides low leakage reactance on each ratio, achieving greater accuracy and higher capacity to withstand mechanical stresses under adverse operating conditions.

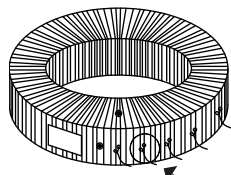


$\varnothing 'D1''$     $\varnothing 'D2''$    "'A'"   "'L'"=inches   WEIGHT lbs.

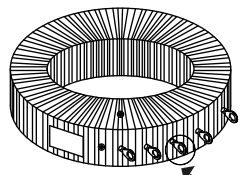
Specs and dimensions available upon request.

Drawing number: 4285816

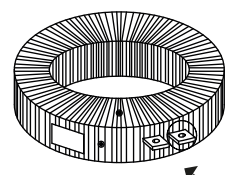
TYPE OF CONNECTIONS  
(Secondary terminal)



COPPER WIRE 10-12 AWG



FLAT CONNECTION 1/4"



COPPER TERMINAL

## BUSHING CURRENT TRANSFORMER

## 600 V CURRENT TRANSFORMER

### Accuracy performance

The ARTECHE Bushing CT provides 0.3 metering class accuracy with burdens from B0.1 to B1.8 and class C-800 for relaying applications. The transformer is accurate through its Rating Factor for continuous operation.

### Mounting

The ARTECHE Bushing CT is designed to be internally mounted around the bushings of power transformers, circuit breakers and switchgear.

### How to order

When ordering an ARTECHE Bushing CT. include the following information:

1. Minimum inside diameter (D2)  in
2. Maximum outside diameter (D1)  in
3. Maximum allowable height (A)  in
4. Current ratio and taps, if any  (:5A or :1A | Single Ratio, Double Ratio or Multi Ratio)
5. Accuracy and burden requirements, for example.
  - Metering -  (0.3 B0.1 thru B1.8 or other)
  - Relaying -  (C-100, C-200, C-400, or C-800 or other)
6. Continuous Rating Factor  (standard is RF=2.0)
7. Frequency  (standard is 60 Hz)
8. Lead length & type . size -  (standard is #10 AWG)
9. Used in or above oil  (Yes/No). or in dry surroundings -  (Yes/No)

NOTE - Due to the many variations of mounting. Arteche does not supply mounting hardware. Please. don't hesitate to contact us to discuss other options.

### Testing

The Arteche Bushing CT is individually tested and certified to IEEE C57.13 or CSA/IEC 61869.

### Features and quality

- › Customized solutions can be developed to satisfy specific customer needs.
- › Consistent accuracy during the transformer's entire life cycle, providing maximum reliability.
- › ISO 9001:2008 quality system certificate.

Notes: .....

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# URC-3

## 600 V VOLTAGE TRANSFORMER



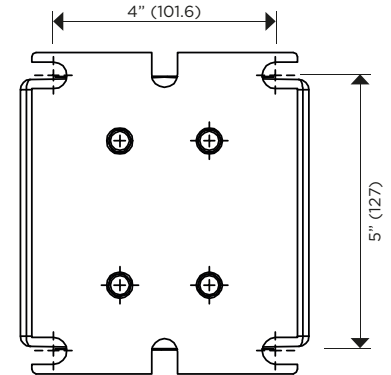
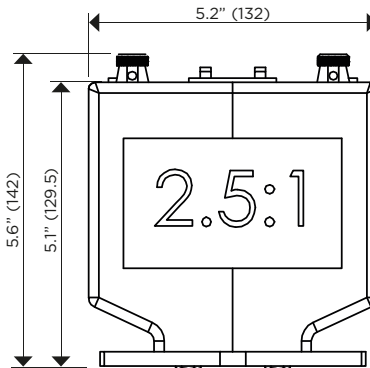
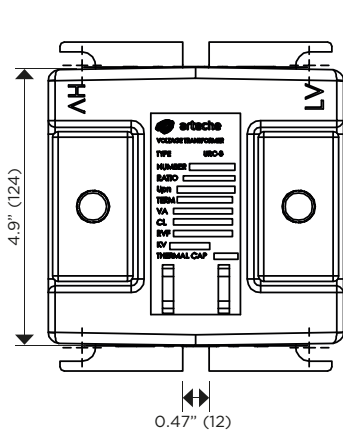
INDOOR/OUTDOOR  
60 Hertz

ARTECHE URC series are dry type indoor/outdoor service voltage 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.

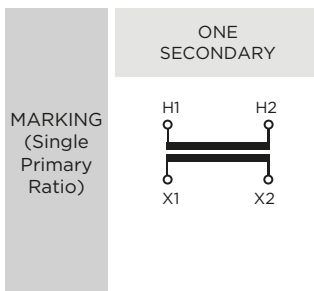
The core is built with high permeability grain oriented silicon steel laminations for low losses. The windings are copper wire with copper plate double isolation. The concentric distribution of the coils prevents magnetic flux leakage, achieving greater accuracy and higher capacity to withstand mechanical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

### Mechanical characteristics

Insulation Material	Colors	Weight (lbs.)
Resin	Blue	15.43



Drawing number: 4216163



Approximate dimensions in inches (mm).





# URC-5

## 600 V VOLTAGE TRANSFORMER



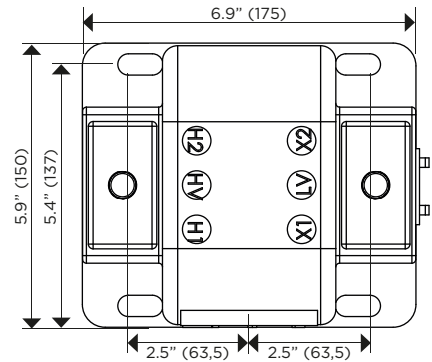
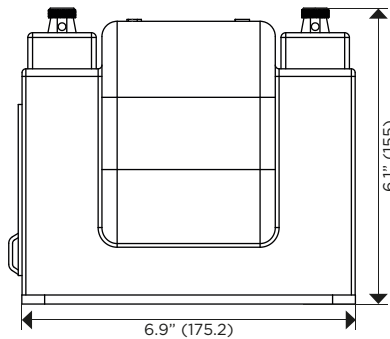
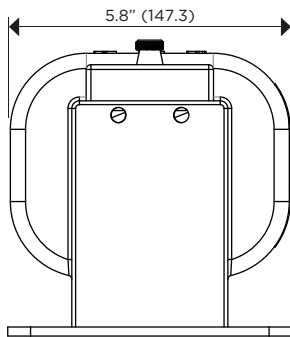
ARTECHE URC series are dry type indoor/outdoor service voltage transformers. The core is encapsulated with epoxy resin which provides excellent internal dielectric properties and mechanical strength, ensuring a long mechanical and electrical life. The transformer is maintenance free.

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.

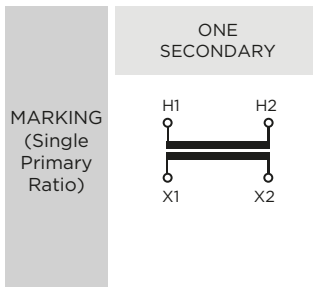
INDOOR/OUTDOOR  
60 Hertz

### Mechanical characteristics

Insulation Material	Colors	Weight (lbs.)
Resin	Blue	15.6



Drawing number: 4287986



Approximate dimensions in inches (mm).