



Distribution transformers

Micro-pole overhead transformers 1- 3 kVA, single phase, outdoor

Product overview

Application

ABB Micro-Pole single phase overhead transformers (Control voltage transformers) are ideal for small load applications such as providing control power for capacitor bank switches, recloser installations, switchgear control power, billboard lighting, intersection stoplights, street lighting pumping stations and other applications.

Advantages

- Small, light weight designs, will provide for easy handling and installation and require less pole space.
- Reduced system losses by substituting for under-utilized higher kVA units in light-load applications.
- The same quality and reliability expected of all ABB distribution transformers.

Ratings

- Power (kVA): 1 - 3
- High Voltage (V): 600 - 22900
- Low Voltage (V): 120 , 120/240 or 250
- Frequency (Hz): 60 or 50
- Temperature Rise: 65 degree C.
- Weight (lbs.): 80 to 90

Basic Impulse Insulation Levels (BIL)

HV Rating (V)	BIL Winding	BIL Bushing (kV)
	(kV)	(kV)
600-4800	75	95
6900-8320	95	95
9960-22900	125	125

Options

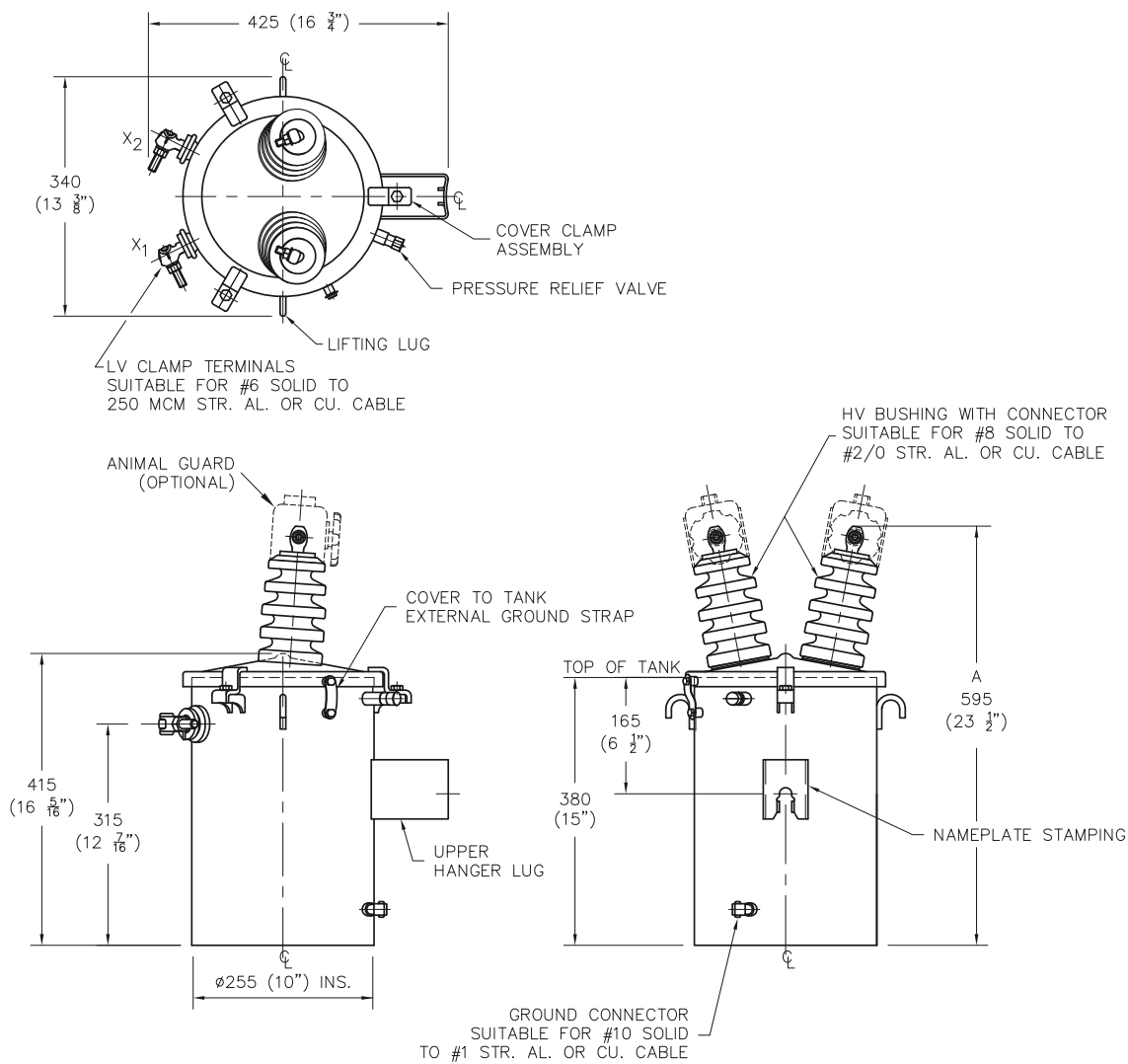
- High voltage wildlife protective cap(s).
- Low voltage 5-pin connector.
- Primary protective fuse link.
- Stainless steel tank.
- Arrestor bracket.
- Two hanger bracket.

Standard features

- The micro-pole transformer design is based on IEEE Std. C57.12.00, IEEE Std. C57.12.90 and CSA C2.2-06
- One or two high voltage bushing(s).
- Two low voltage bushings each with an one eyebolt connector for #6 solid to 250MCM str. AL or CU conductor.
- One Type A hanger bracket as described in ANSI Std. C57.12.20.
- One tank grounding connector suitable for #10 solid to #1 str. AL or CU conductor.
- Pressure relief valve.
- Final paint finish per ANSI Std. C57.12.28.
- Two lifting lugs per the ANSI Std. C57.12.20.
- Secured sealing via multiple cover clamps.



Outline dimensions



Bushings		
BIL	95k V	125k V
A (inches)	23,5	25,75
A (mm)	595	655

Contact us

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