

LVTC42

42" LOW VOLTAGE TERMINATION CABINET



FEATURES

Available for 120-600VAC in both Single-Phase and Three-Phase configurations. Designed to replace "flush to grade" junction boxes, Ideal for sub-divisions to increase the number of termination spots per transformer.

Lifting Eye Nuts provided on either side to allow for easy lifting with crane. Hardware to fasten pedestal to pre-cast concrete base is included with every pedestal, matching base available from several pre-cast concrete manufacturers.

Copper bus bars can be configured for a choice of conductor connection methods. Holes drilled through the bus to bolt compression lugs crimped onto conductors or provided with solderless lugs capable of handling 12 conductors per phase from #2AWG to 500MCM conductors.

Pedestal Enclosure is NEMA 3R Tested and backed with a 10 year warranty.

CONSTRUCTION

Constructed from heavy-gauge aluminum. Electrostatic UV and Corrosive resistant powdercoat in "Equipment Green" as standard. All doors constructed to prevent weather intrusion without the means of rubber gasket.

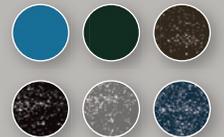
Concealed Ventilation under lid to prevent condensation build-up. Stainless-steel fasteners used to mount all internal and external components. Access door fastened with Penta Bolt and is also padlockable. Also available in 316 Stainless Steel.

Pedestal Enclosure Sits 42" tall x 18" wide x 20" deep.



CUSTOMIZATION

Can be designed to include timers, contractors, photocells etc, for any type of motor and lighting control.



HUNDREDS OF CUSTOM COLOURS
AND TEXTURES AVAILABLE.

APPLICATIONS/MARKETS



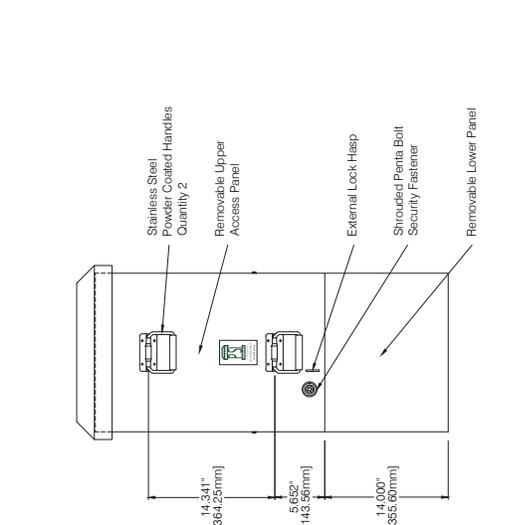
TYPICAL PART NUMBER

LVTC42-1P-3W

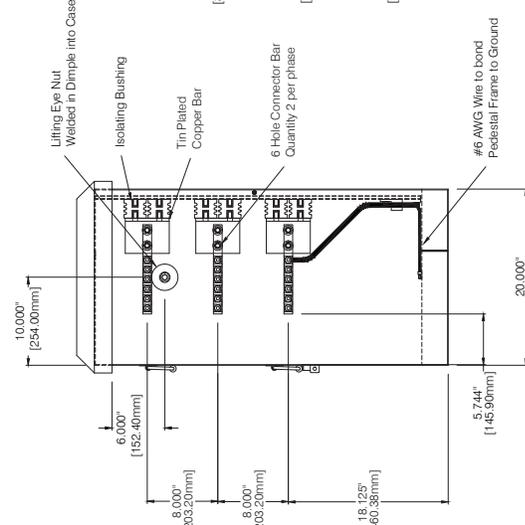


Materials Notes:

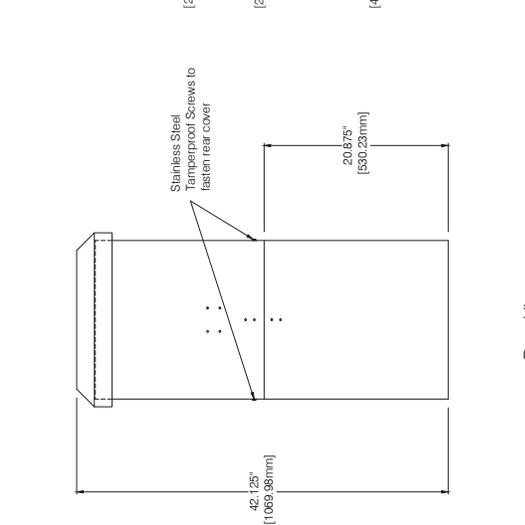
- Enclosure Mat: 10 gauge (0.100") thick aluminum sheet metal
- Paint Colour: Equipment Green, a dark forest green colour. Project P5211058 powder coat
- Fasteners:
 - Plated hex head bolts: 1/2"x1 3/8" Grade 2 or better
 - Plated 1/2" Flat washers
 - Plated 1/2" Flat nuts
 - for mounting into concrete mounting base
- Connector Bar:
 - 6 Hole Connector
 - #2 AWG to #500 MCM, AL/CU conductors
 - Quantity 2 per phase and Neutral
- Isolating Bushing:
 - Polycast PMO, Part # 105-703-41
 - 1.25V/50M/BL-ANSI C29.1
- Large/Ground Lug:
 - Ilco TA-250
 - #6 AWG to 250 MCM, AL/CU Conductors
 - Quantity 2
- Small Bonding Lug:
 - CNC AB-70
 - #14 AWG to #2AWG, AL/CU Conductors



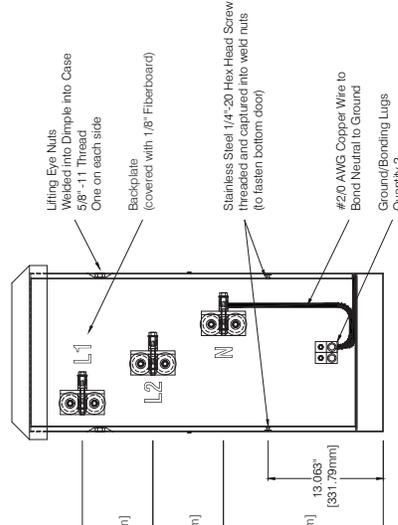
Front View of Connection Compartment with Panel in place



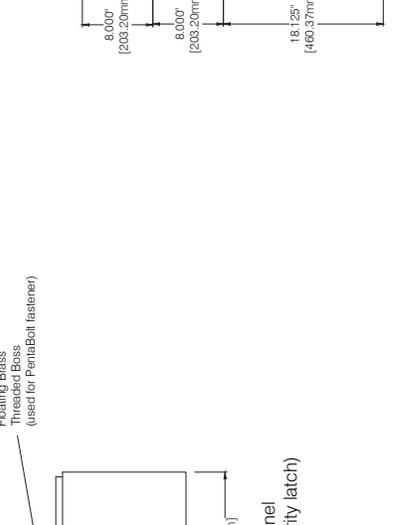
Side View



Rear View Spare Compartment Outside with Panel in place



Front View of Connection Compartment with Lower Panel Removed



Lower Panel (showing security latch)

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PEDESTAL SOLUTIONS INC.
 LOW VOLTAGE TERMINATION CABINET
 PEDESTAL VIEWS

DRAWN BY	RAD	PART NO.	LVTC42-1P-3W-HO
CHECKED BY	BP	DWG NO.	LVTC42-1P-3W-HO
SCALE	NONE		
DATE	APRIL 16, 2020	REVISION	F
		PAGE	1 OF 2

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Low Voltage Termination Cabinet for Hydro One

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