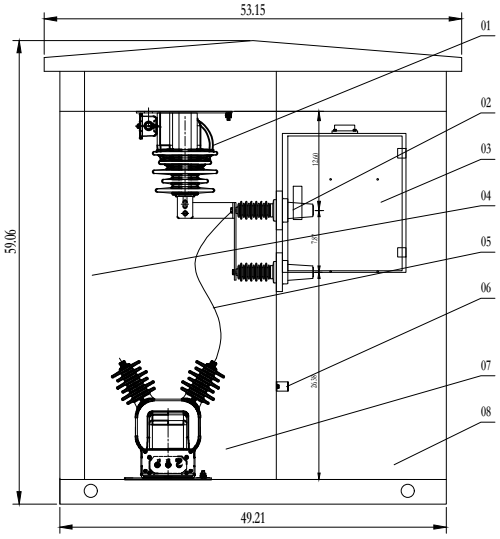
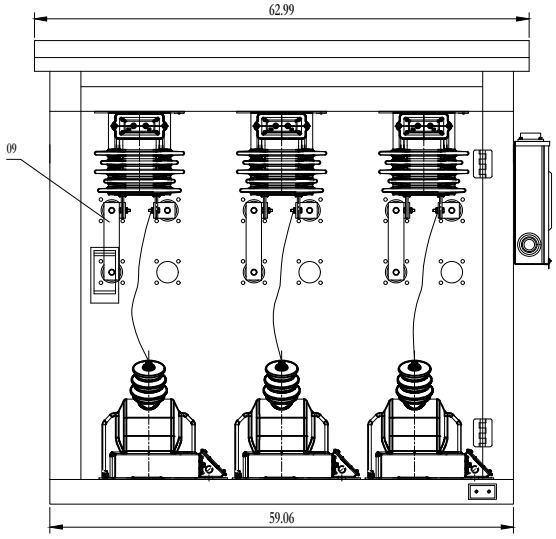
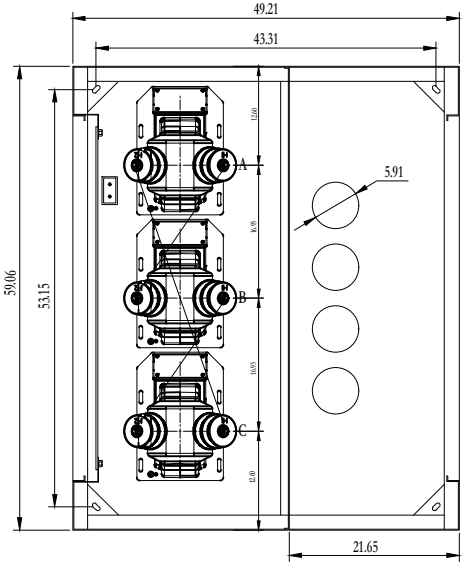
Side view



Front view



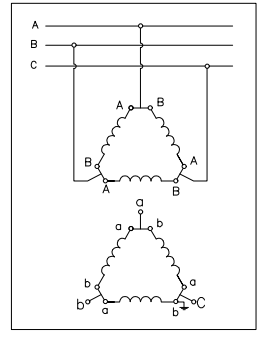


Bottom view

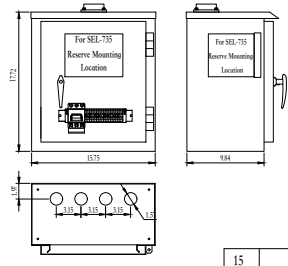
Technical Parameters		
01	Enclosure Color	Munsel™ 7GY 3.29/1.5 Bell Green
02	Enclosure Material	T2.5 Stainless Steel Plate
03	Operating Altitude	⩽2000M
04	Operating Environment	Outdoor, floor-mounted
05	Protection Rating	NEMA 3R
06	Wiring Configuration	Bottom Entry & Exit(Cable)
07	Busbar Configuration	Three-Phase Three-Wire,Copper Busbar
08	Connection Cable	
09	Rated Voltage	12470V
10	Rated Current	100A
11	Frequency	60Hz
12	Dimensions Unit	Inches

The unit is converted from millimeters to inches, and the value is rounded to two decimal places.

PT Wiring Diagram



SEL-735 Install Terminal Box



Single Line Diagram		
Switchgear Dimensions(W*D*H)	W-59.06*D-49.21*H-59.06	
Switchgear Name	Outdoor Metering Cabinet	
MC	Equipment Name	Specification / Qty
	Current Transformer	3
	Potential Transformer	3
	Cable Connector(mm) 2	
	Voltage Indicator	
	HV Surge Arrester	
Equipment Capacity/Calculated Current		
Cable Type & Spec.(mm) 2		
Remarks		

No.	Name	Type & Spec.	Qty	Note
15				
14				
13				
12				
11				
10				
09	Main Busbar			
08	Outdoor Enclosure	W-59.06*D-49.21*H-59.06	1	
07	Potential Transformer		3	
06	Neutral Grounding Busbar			
05	Voltage Connections		3	PT Dedicated
04	Inner Protective Barrier		1	
03	Terminal Box	Internal Mounting Terminals for SEL-735	1	Not included SEL-735
02	Bushing	630A	9	
01	Current Transformer		3	

Loan (common) registration
CAD Drawing
Previous Drawing No.
Master Drawing No.
Signature
Date

Project Name	Mark	Number	Changed file No.	Signature	Date

Process		Standardization	
Design		Approval	
Verification		Date	2026-04-30

Outdoor Metering Cabinet General Installation Drawing

Drawing Name
Number

LARSON MAGNETICS

No. 1 Page
Tot. 1 Page

Electrical Metering Cabinet Combinations (CT/PT).1	SPECS	CAN COMPLY WITH SPECS, "YES OR NO"	IF NOT PLEASE EXPLAIN
Unit Type	Electrical Metering Cabinet (EMC)	YES	
Unit Configuration	Combinations Current & Voltage Transformer (CT/PT), Dry Type	YES	
Rated Frequency	60 Hz	YES	
Phase	Three Phase	YES	
Rated Current	200A	YES	
Wiring Configuration	4-Wire	YES	
CT Specifications (Included Provisions Only)			
Quantity	(3)	YES	
Type	Bar Primary Type	YES	
Rated Voltage	15.5 kV	YES	
Current Ratio	100:5	YES	
Accuracy Class	0.3% Metering	YES	
Continuous Thermal Rating Factor (@30°C)	2.0	YES	
PT Specifications (Included Provisions Only)			
Quantity	(3)	YES	
Primary Voltage	12470V (Line-to-Line)	YES	
Primary Voltage Class	15 kV	YES	
Primary BIL	95 kV	YES	
Secondary Voltage	240Y/120	YES	
Secondary Voltage Class	1.2 kV	YES	
Voltage Ratio	60:1	YES	
Thermal Rating (@30°C)	1000 VA	YES	
Metering Accuracy Class	0.3%	YES	
Input Configuration	200 amp dead break elbow, Set 31” max. above fixed floor	YES	
Output Configuration	200 amp dead break elbow, Set 23” max. above fixed floor	YES	
Power Quality and Revenue Meter	Included, SEL 735, w/o Meter Socket, Included in Its Own Cabinet	YES	
Insulating Material	Air, Dry Type	YES	
Ground Pads	Included in CT/PT Sides	YES	
Phase To Ground Compartment Barriers	Red Reinforced Polyester	NO	Not Included
Winding Material	Copper	YES	
Service Condition	Outdoor	YES	
Altitude	N/A	-	
Ambient Temperature Rating	N/A	-	
Hardware Materials	Stainless Steel	YES	
Enclosure Class	NEMA 3R Weatherproof	YES	
Nameplate Materials	Corrosion Resistant Stainless Steel w/ Stainless Steel Screws or Rivets For CT & VT	YES	
Paint Color	Munsell™ 7GY 3.29/1.5 Bell Green	YES	
Mounting Provisions	Pad Mount	YES	
Lifting Provisions	Included	YES	
Dimensions	31.5 x 78.7 x 31.5	NO	W-59.06*D-49.21*H-59.06
Weight	661.4 lbs	NO	1300lbs