

Minimum Dimensions
for CT Cabinets

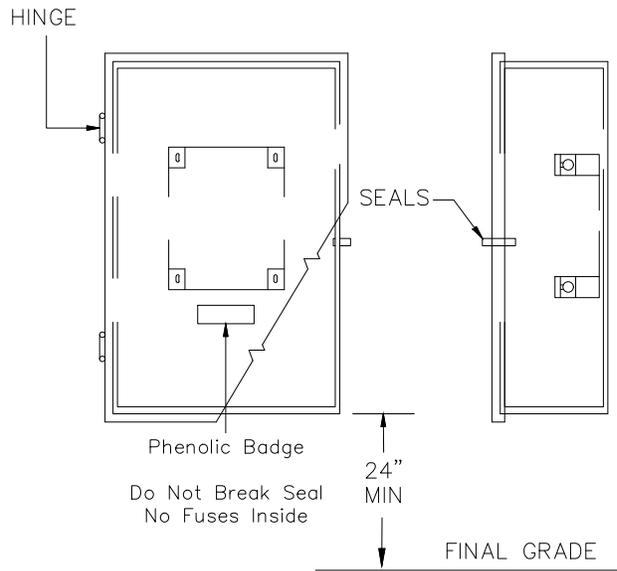
3-Phase 4-Wire 120/208V or 240V

Amps	Height	Width	Depth
400	N/A	N/A	N/A
600	40	30	8-1/4
800	48	30	11
1200	48	33	11
1600	60	33	11
2000	60	39	15
3000	75	39	24

DIFFERENT VARIATIONS EXIST BETWEEN MANUFACTURERS

3-Phase 4-Wire 277/480V
with dedicated PT mounting provisions

Amps	Height	Width	Depth
400	48	36	15
600	48	36	15
800	48	36	15
1200	60	51	24
1600	75	63	24
2000	75	63	24
3000	75	63	24



NOTES:

- 277/480 VOLT SERVICES 401 AMPS OR MORE, REQUIRE PTS, A CABINET WITH MANUFACTURED FACTORY-INSTALLED PROVISIONS FOR UNOBSTRUCTED MOUNTING OF THE PT'S INSIDE THE SAME COMPARTMENT AS THE CT'S.
- SERVICE DISCONNECT MUST BE OUTSIDE OF THE BUILDING AND CONTINUOUSLY ACCESSIBLE. AN EXCEPTION IS ALLOWED FOR INTERNAL MOUNTING OF DISCONNECTS FOR FIRE PUMPS AS REQUIRED BY NFPA 20, APPENDIX A.3.
- INSTRUMENT TRANSFORMERS (CT'S/PT'S) SHALL ONLY BE INSTALLED IN APPROVED NEMA TYPE 3R CT CABINETS WITH A HINGED DOOR, LOCKABLE HASP (KEYED DOORS ARE NOT ALLOWED) AND FASTENERS THAT CANNOT BE REMOVED FROM THE EXTERIOR AND SHALL BE OF SUFFICIENT SIZE FOR LOAD AND VOLTAGE CONDITIONS.
- THE METER SOCKET SHALL BE MOUNTED SO THAT IT IS NOT OBSTRUCTED WITH THE CABINET DOOR IN THE FULLY OPEN POSITION AND IF POSSIBLE, ATTACHED TO THE CT CABINET.
- METERS WILL NOT BE INSTALLED UNTIL ALL SOCKETS AND INSTRUMENT TRANSFORMER CABINETS ARE BADGED AS SHOWN ON THE ONE-LINE DIAGRAM WITH PHENOLIC BADGES AND RIVETED PERMANENTLY TO THE ASSOCIATED ELECTRIC EQUIPMENT.
- REFER TO MTR-11 FOR CT & PT METERING SPECIFICATIONS
- REFER TO MTR-13 FOR COMMERCIAL SWITCHGEAR SPECIFICATIONS
- REFER TO SECTION 703.00 FOR METERING REQUIREMENTS

CALL 1-800-922-1987 TO OBTAIN UTILITY LOCATES

NOT TO SCALE



1100 S SHERMAN ST
LONGMONT, CO 80501

CT CABINET SPECIFICATIONS

PHONE: 303-651-8386
FAX: 303-651-8796

Revision #:
Approved by:
DATE APPROVED: 2024
File: MTR DRAWINGS_2024.dwg
DETAIL
MTR-10