

CATALOG NO. MM0303L3100EY

TYPE 3R ENCLOSURE (RAINPROOF) TOP FEED ONLY.

SUITABLE FOR USE AS SERVICE EQUIPMENT WHEN NOT MORE THAN SIX MAIN DISCONNECTING MEANS ARE PROVIDED. WHEN USED AS SERVICE EQUIPMENT, BOND NEUTRAL AND APPLY \*SERVICE DISCONNECT\* LABEL NEAR THE DISCONNECT HANDLE.

DEVICE RATING: 100 AMPS MAXIMUM; 200/120 VAC OR 240/120 VAC DELTA\*, THREE PHASE, FOUR WIRE, LIMITED TO THREE POLE BREAKERS.

METER SOCKET RATING: 100 AMPS CONTINUOUS.

\*LINE CONNECTION OF DELTA HIGH PHASE (200 VAC TO GROUND) IS TO THE RIGHT HAND TEST BLOCK. THIS DEVICE HAS A MAXIMUM SHORT CIRCUIT RATING OF 65,000 RMS SYMMETRICAL AMPERES AT 240 VAC MAXIMUM. (WATTHOUR METER NOT INCLUDED IN THE SHORT CIRCUIT CURRENT RATING). THE ACTUAL RATING IS DEPENDENT ON THE BRANCH BREAKER INSTALLED IN THIS PANELBOARD AND THE REMOTE MAIN BREAKER OR FUSE DEVICE, IF ANY, INSTALLED AHEAD OF THIS PANELBOARD. THE CORRECT BRANCH BREAKERS AND MAIN SERIES COMBINATIONS TO BE USED WITH THE VARIOUS SHORT CIRCUIT CURRENT RATINGS ARE LISTED IN THE TABULATION BELOW. ANY CIRCUIT BREAKER INSTALLED OR REPLACED IN THIS PANELBOARD MUST BE MANUFACTURED BY SIEMENS AND MUST BE OF THE CORRECT TYPE AS INDICATED IN THE TABULATION BELOW

| MAX short circuit current rating in RMS symmetrical Amperes | BRANCH BREAKERS                              |                               | MAIN                                   |
|---|--|-------------------------------|--|
|   | FIELD INSTALLED 2 POLE CIRCUIT BREAKER TYPES | When protected by a remote    |  |
| 65,000  | Murray MP-MT, MP-MT or Siemens QP, QPH, HQP  | 100A MAX 300 VAC CLASS T FUSE |  |
| 42,000  | Murray MP-MT or Siemens HQP                  |                               |  |
| 22,000  | Murray MP-HT, MP-MT or Siemens QPH, HQP      |                               | NONE OR ANY 100A MAX *FUSE OR *BREAKER |
| 10,000  | MURRAY MP-T, MP-GT OR Siemens QP, QPF        |                               |  |

\*FUSE or \*BREAKER RATING MUST BE GREATER THAN OR EQUAL TO THE DEVICE SHORT CIRCUIT CURRENT RATING.

TERMINAL RANGES - AWG AND TORQUE (LB-IN) TERMINALS RATED AL/CU EXCEPT AS NOTED.

PHASE LINE: #2/0-6; TORQUE (110)

NEUTRAL LINE: #1/0-14;

TORQUE #1/0-3 (50), #4-6 (45), #6 (40), #10-14 (35)

NEUTRAL LOAD, SERVICE GROUND: #1/0-14CU, #1/0-12AL (LARGE TERMINALS):

TORQUE #1/0-6 (45), #8 (40), #10-14 (35)

EQUIPMENT GROUND: #6-14CU, #6-12AL (SMALL TERMINALS):

TORQUE #6 (35), #8 (25), #10-14 (20).

TEST BLOCK CONTACT NUT (5/8" ACROSS FLATS); TORQUE 50 LB-IN.

TERMINALS SUITABLE FOR USE WITH 60/75° C, AL/CU INSULATED WIRE.

FOR EQUIPMENT GROUND BAR ORDER ECLX SERIES, FOR 5TH JAW ORDER EC5J, IF HUB IS REQUIRED SELECT FROM LIST BELOW.

RX TYPE HUBS

| SIZE   | CAT. NO |
|--------|---------|
| 1 1/4" | EC38597 |
| 1 1/2" | EC38598 |
| 2"     | EC38599 |
| 2 1/2" | EC38600 |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES:

.XX

.XXX

HOLE DIAMETER

ANGULAR

UNDIMENSIONED 90° ANGLES

DWN CJD DATE 10-19-07

CHK DATE

APVD DATE

SIZE B

ISSUE RELEASE NO. DWG NO. MM0303L3100EY

REV

SCALE

DO NOT SCALE DRAWING

SHEET 1 OF 1

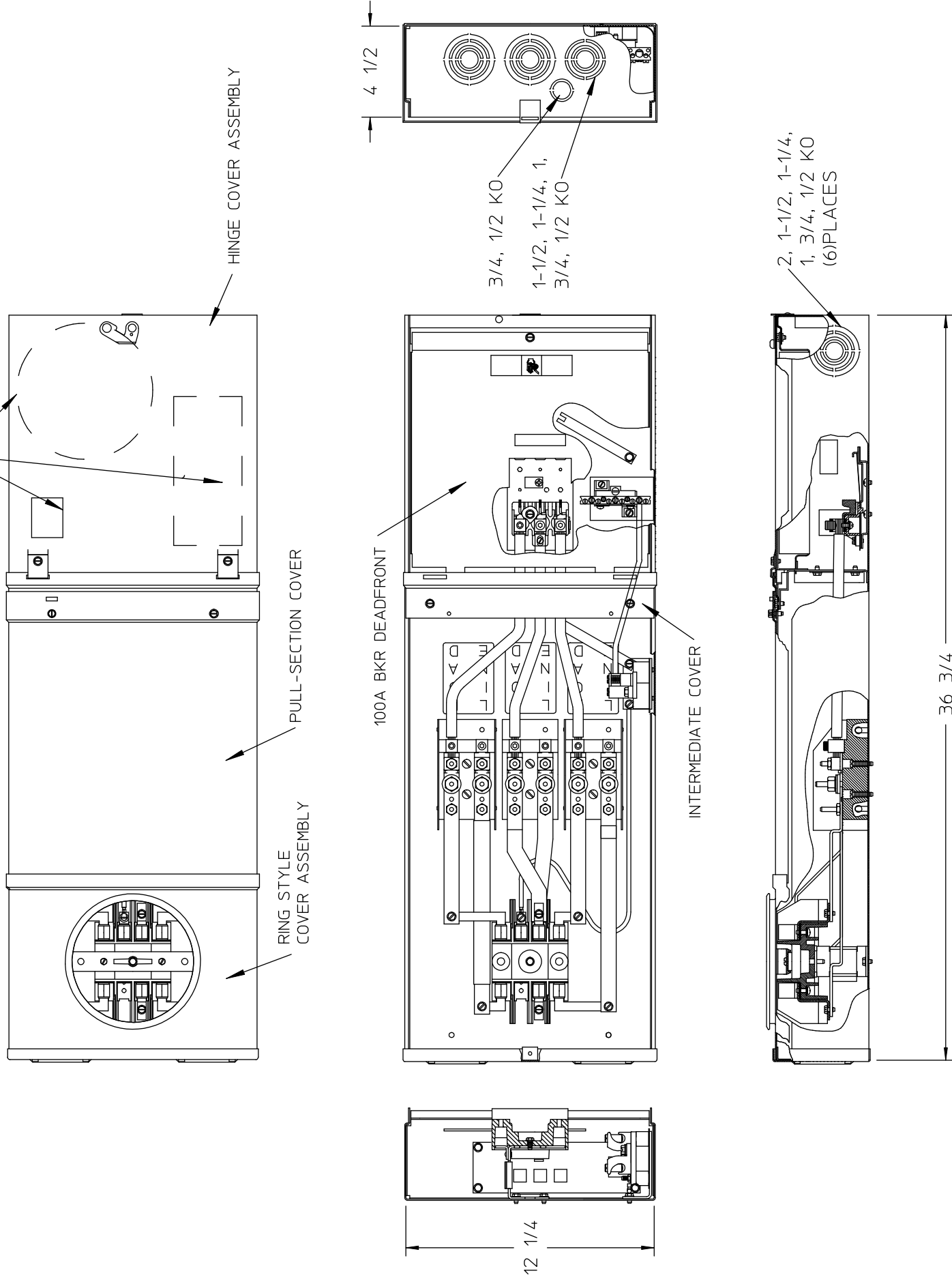
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Residential Products Division

SKT 100A 3P (2)HO EUSERC

SEE NOTE 4



NOTES:

1. FINISH: GRAY
2. CABINET: 16 GA GALV STEEL.
3. 100 AMP, 120/240 VAC, 1PHASE, 3 WIRE
4. SEALING RING, HUB COVER PLATE ASSEMBLY, AND NEMA INSTRUCTION SHEET PLACED IN INSIDE OF BOX BEFORE DEADFRONT IS SECURED.
5. UL LISTED - FILE E30413