

# METER-RITE®

Grade-Level Double-Throw / Meter Socket Combo Unit

Catalog Nos. 7406MS & 7406MS-X

NEMA 3R Rainproof Enclosure 240 Vac

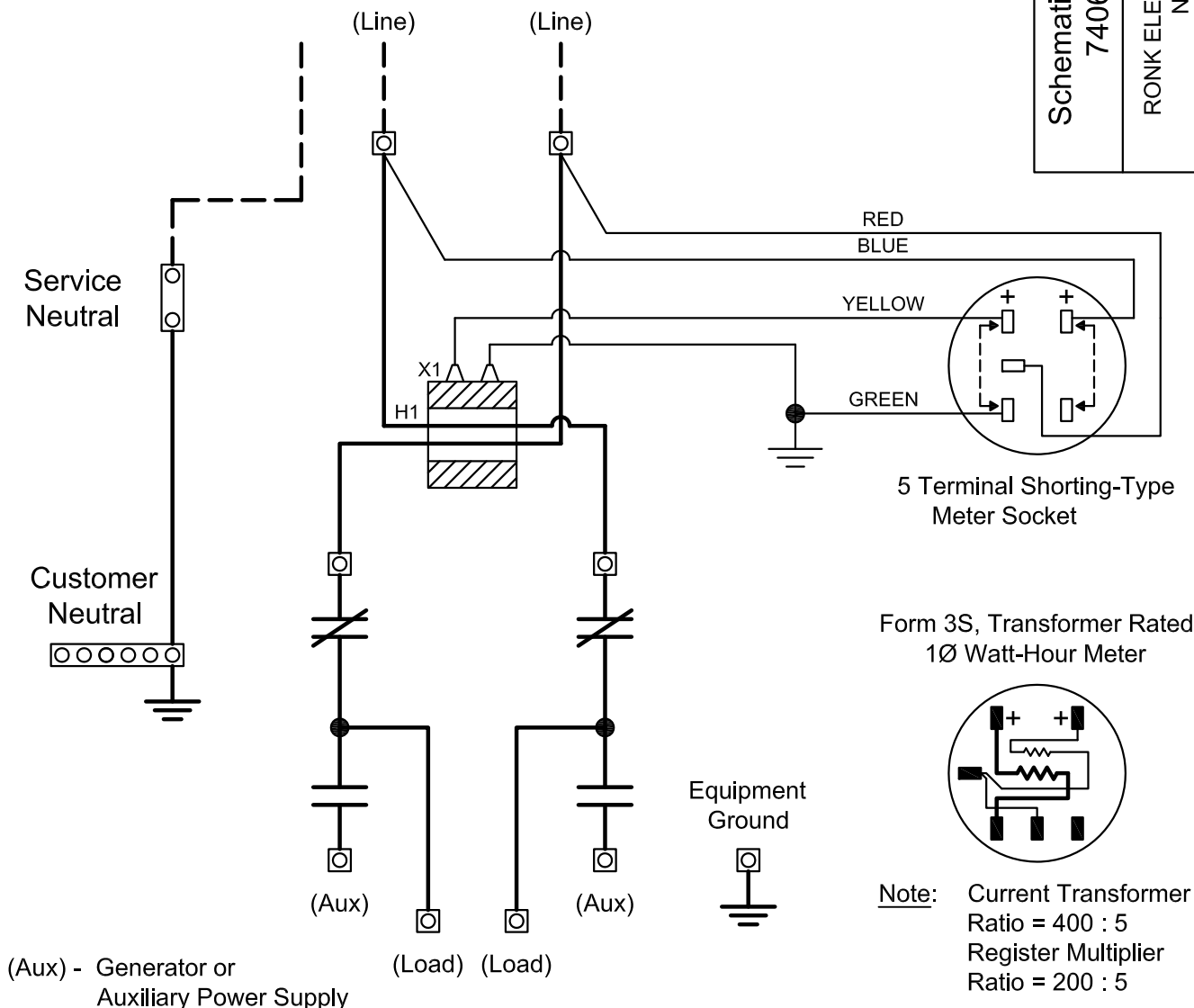
Schematic for Catalog Numbers  
7406MS & 7406MS-X

RONK ELECTRICAL INDUSTRIES, INC.  
NOKOMIS, ILLINOIS

Drawing Number

2-5411A

## 240 VOLT SINGLE-PHASE SERVICE LINE



| SWITCH CATALOG NUMBER | SERVICE CONNECTIONS                                      |                                                          | CUSTOMER CONNECTIONS                                     |                              |                              |
|-----------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|------------------------------|------------------------------|
|                       | LINE LUGS                                                | NEUTRAL                                                  | AUX LUGS                                                 | LOAD LUGS                    | NEUTRAL                      |
| 7406MS<br>7406MS-X    | (2) 250 MCM - 1/0<br>OR (1) 600 MCM - #4<br>(1-HOLE LUG) | (2) 250 MCM - 1/0<br>OR (1) 600 MCM - #4<br>(1-HOLE LUG) | (2) 250 MCM - 1/0<br>OR (1) 600 MCM - #4<br>(1-HOLE LUG) | 250 MCM - #6<br>(4-HOLE LUG) | 350 MCM - #6<br>(5-HOLE BAR) |

| TIGHTENING TORQUE  |                |
|--------------------|----------------|
| SOCKET SIZE (INCH) | TORQUE (IN-LB) |
| 1/8                | 45             |
| 5/32               | 100            |
| 3/16               | 120            |
| 7/32               | 150            |
| 1/4                | 200            |
| 5/16               | 250            |
| 3/8                | 375            |
| 1/2                | 500            |
| 9/16               | 600            |

USE COPPER WIRE RATED 75° C FOR AUXILIARY AND LOAD CONNECTIONS.

WIRE BENDING SPACE IN THE ENCLOSURE BASED ON (2) 250 MCM, NOT (1) 600 MCM.

**WARNING:** ALL ADJUSTMENTS ON SWITCH HAVE BEEN MADE AT FACTORY AND MUST NOT BE CHANGED IN THE FIELD.

Revision Description  
Updated Catalog Numbers.

|      |         |      |
|------|---------|------|
| Rev  | CN      | 0044 |
| Date | 4/17/12 |      |
| BY   | NCL     |      |
|      | A       |      |