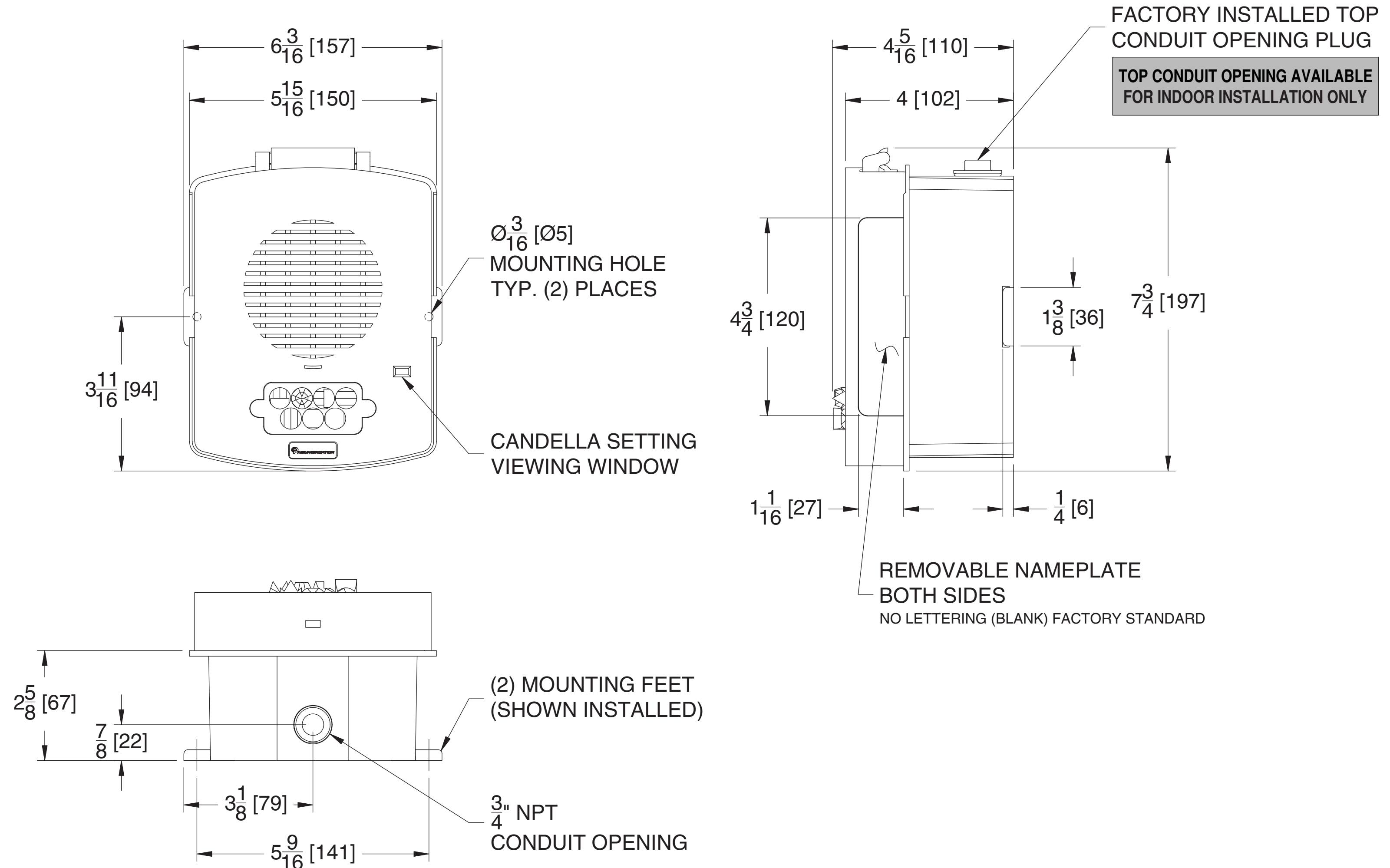


## OUTLINE AND WIRING - RA210 SERIES

### OUTLINE DRAWING (CONT'D ON PAGE 2)

(SEE NOTES 1-7)



#### IMPORTANT NOTES - READ CAREFULLY BEFORE INSTALLATION

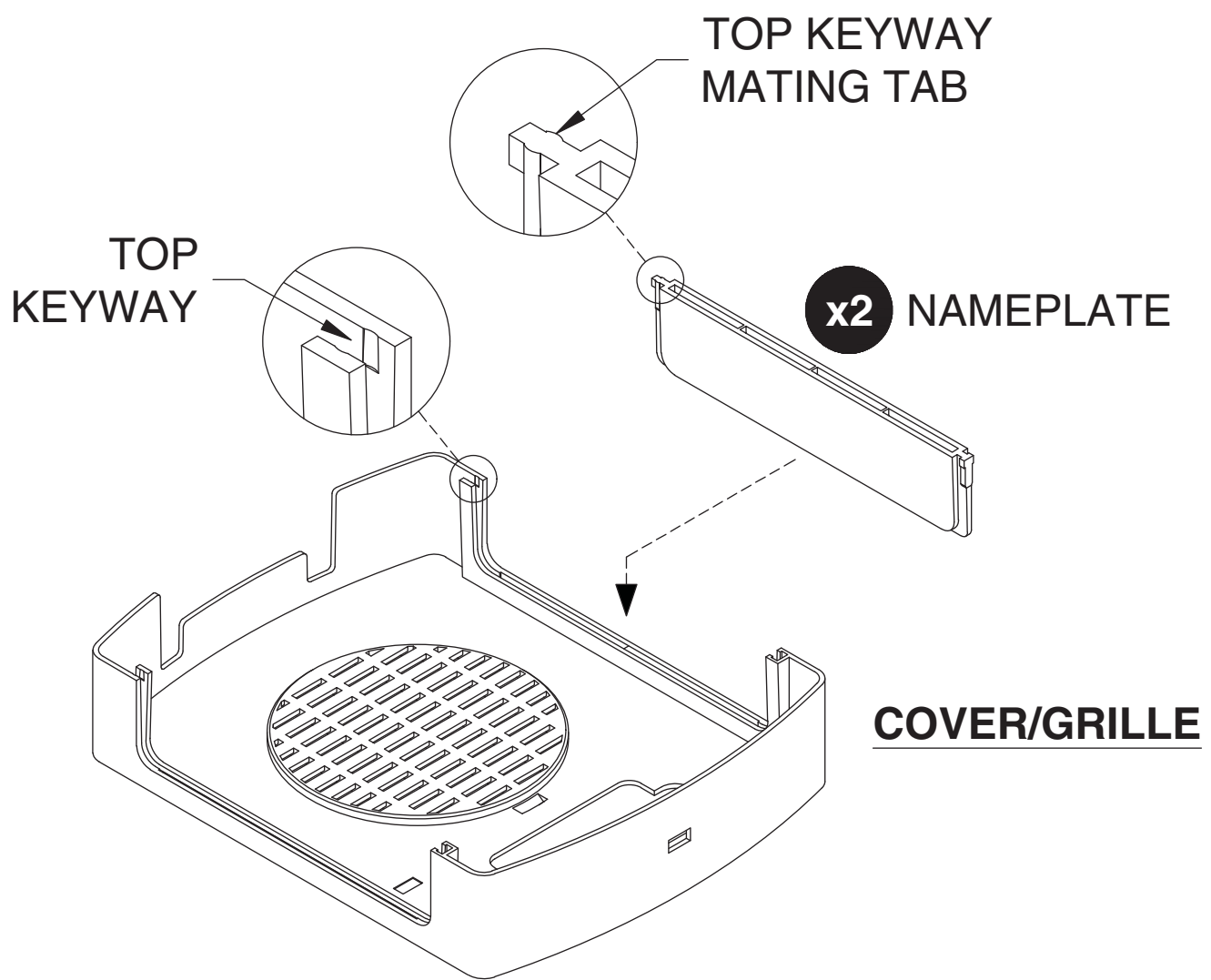
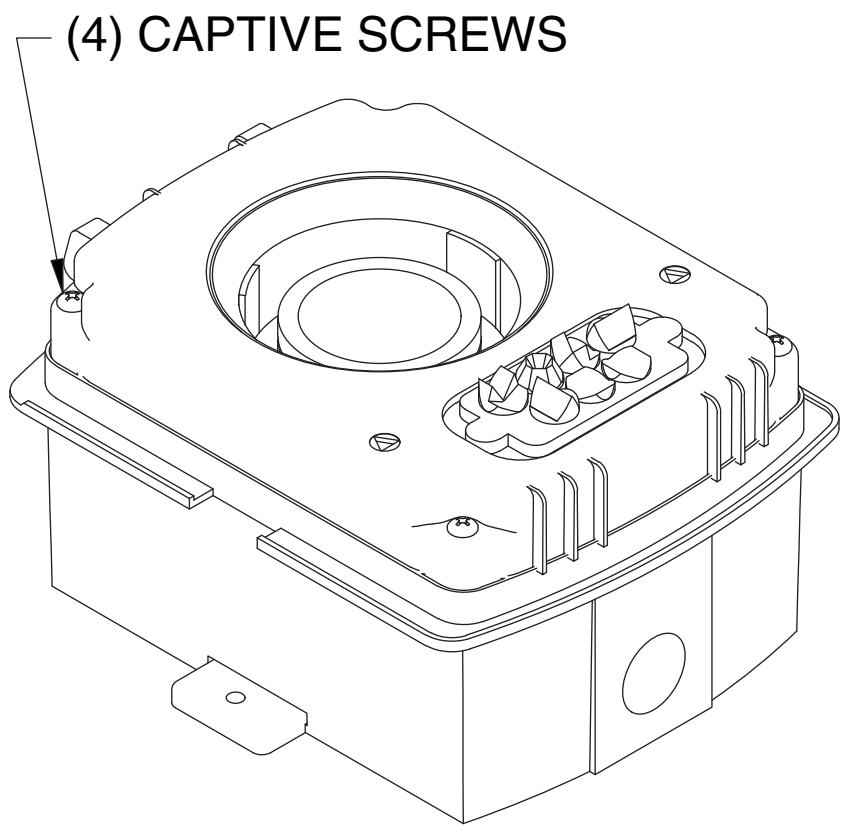
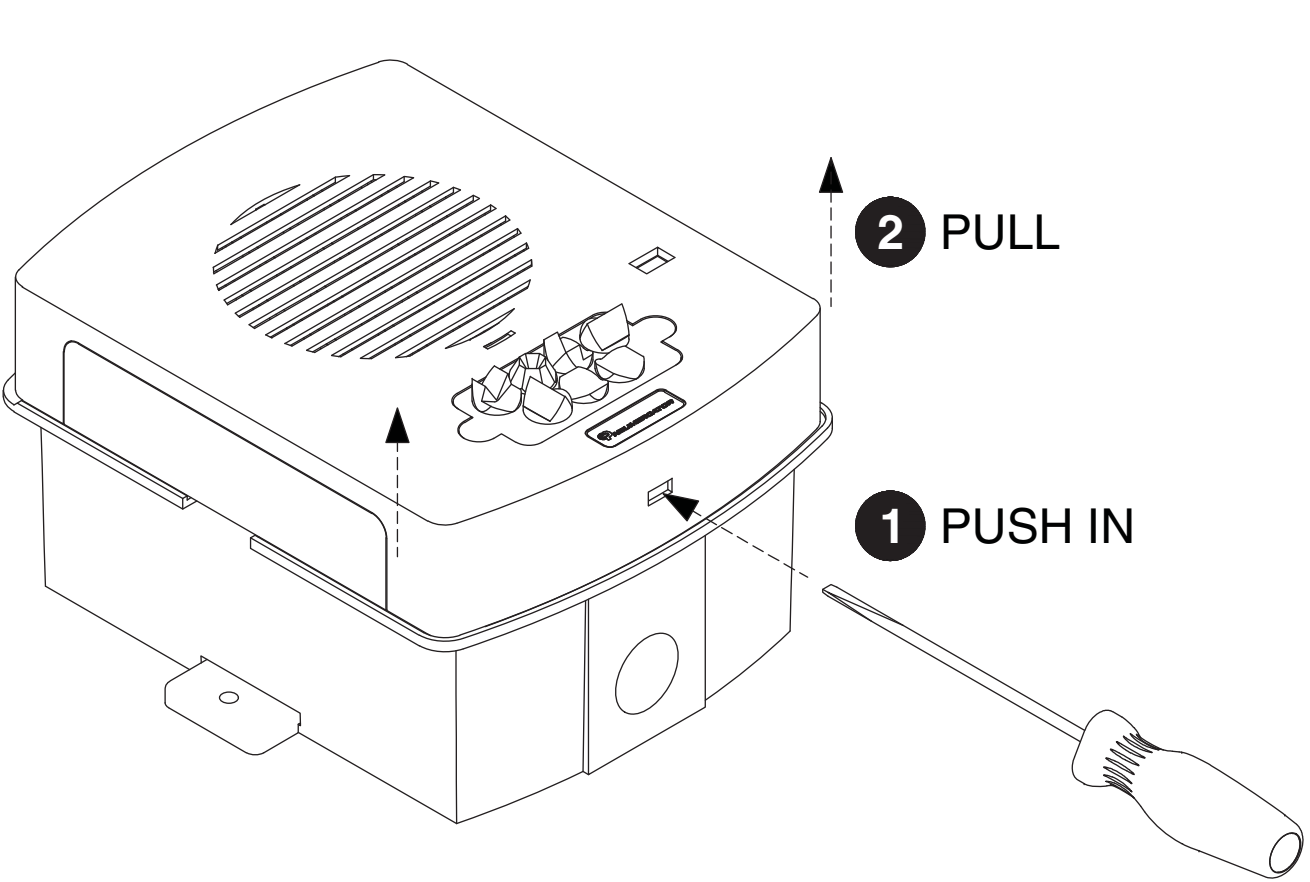
NOTES 8 AND 9 DO NOT APPLY TO THIS PAGE (SEE PAGE 3).

1. ENCLOSURE: NON-METALLIC, NEMA RATED TYPE 4X (IP66).
2. USE ONLY HUBS OF A SUITABLE SIZE WHICH ARE UL/cUL (OR EQUIVALENT) APPROVED FOR WATERTIGHT USE IF LOCATED OUTDOORS.
3. AUDIBLE (HORN): 110dBA @ 3' (1m), 8 PROGRAMMABLE TONES.
4. STROBE (AMBER LIGHT): 75 cd.
5. OPERATING TEMPERATURE: -40°F TO +150°F (-40°C TO +66°C).
6. DIMENSIONS: INCHES [MM].
7. SCALE: 1/2.

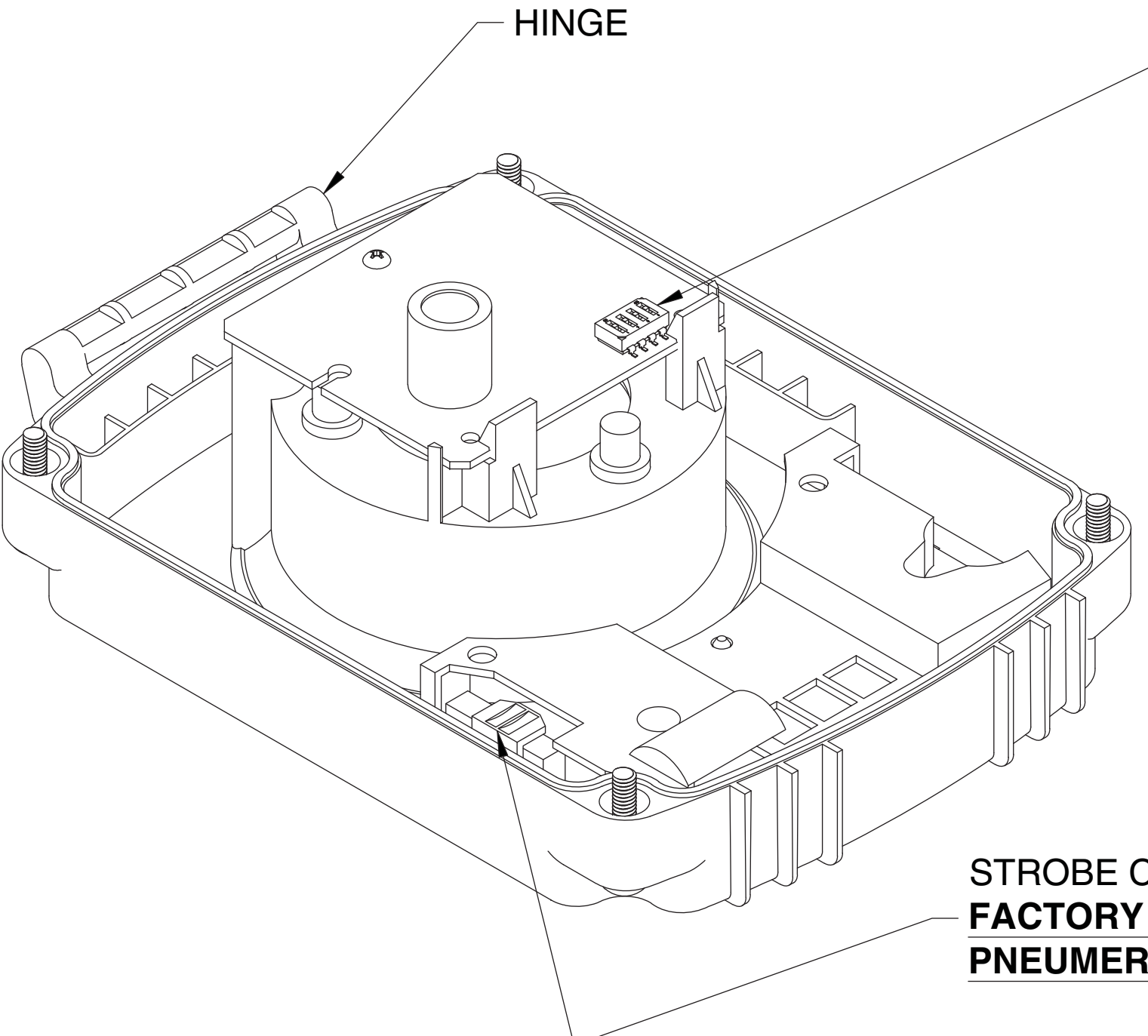
# OUTLINE AND WIRING - RA210 SERIES

OUTLINE DRAWING (CONT'D FROM PAGE 1)

## COVER/GRILLE REMOVED



(2) 1/4 [6] EXTENDED HEX NUTS

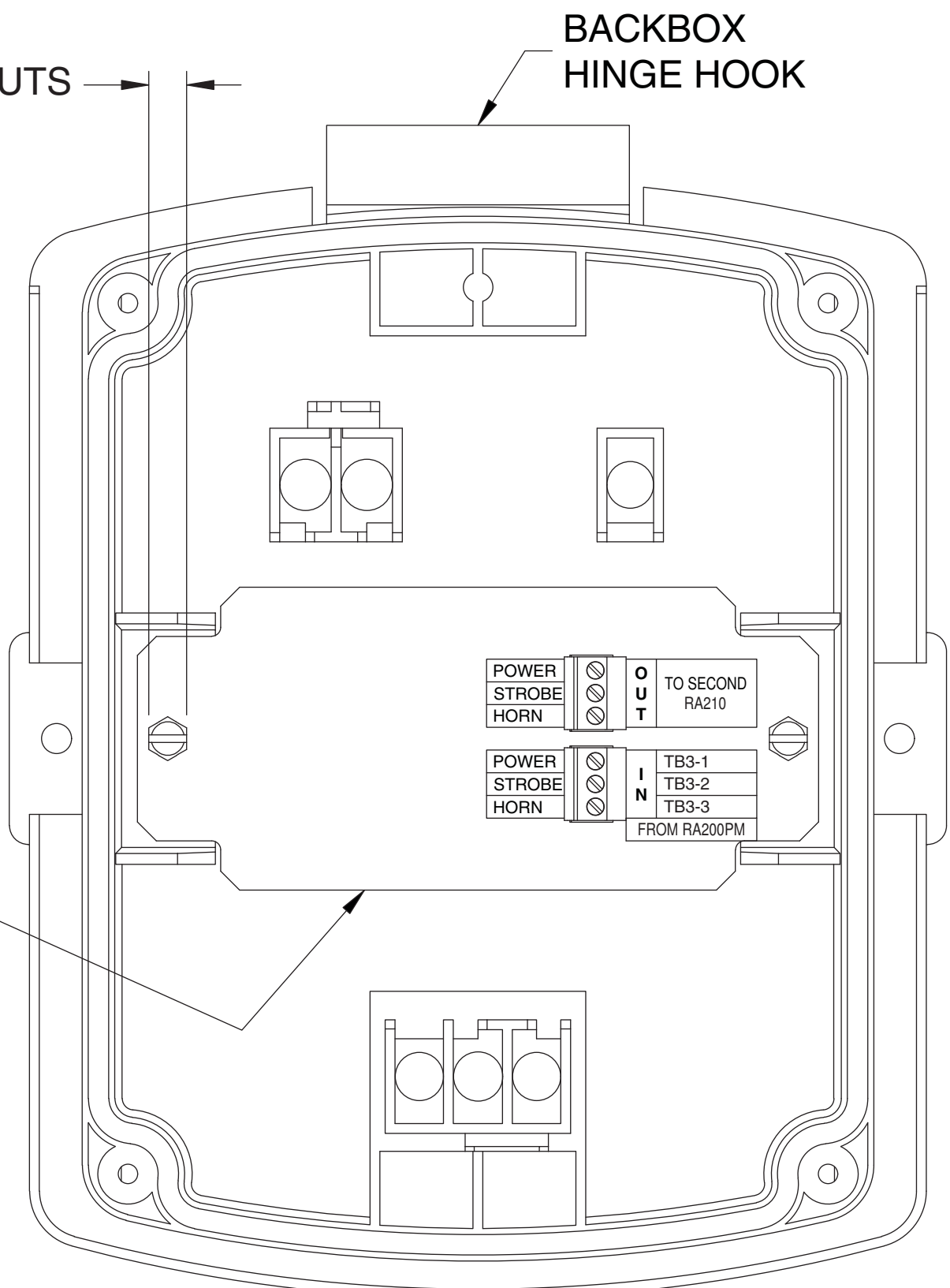


HORN TONE OPTIONS DIP SWITCHES  
FACTORY DEFAULT "MARCH TIME"  
1 = ON, 2 = OFF, 3 = OFF, 4 = ON

| SWITCH POSITIONS |         |            |    |         |            |  |  |
|------------------|---------|------------|----|---------|------------|--|--|
| ON               |         | HORN       | ON |         | CODES TONE |  |  |
| ON               |         | BELL       | ON |         | SLOW WHOOP |  |  |
| ON               |         | MARCH TIME | ON |         | SIREN      |  |  |
| ON               |         | CODES HORN | ON |         | HI/LO      |  |  |
|                  | 1 2 3 4 |            |    | 1 2 3 4 |            |  |  |

STROBE CANDELLA SETTING SLIDE SWITCH  
FACTORY DEFAULT 75 cd, CONSULT  
PNEUMERCATOR BEFORE CHANGING

SEE WIRING  
ON PAGE 3



# OUTLINE AND WIRING - RA210 SERIES

## RA210 WIRING

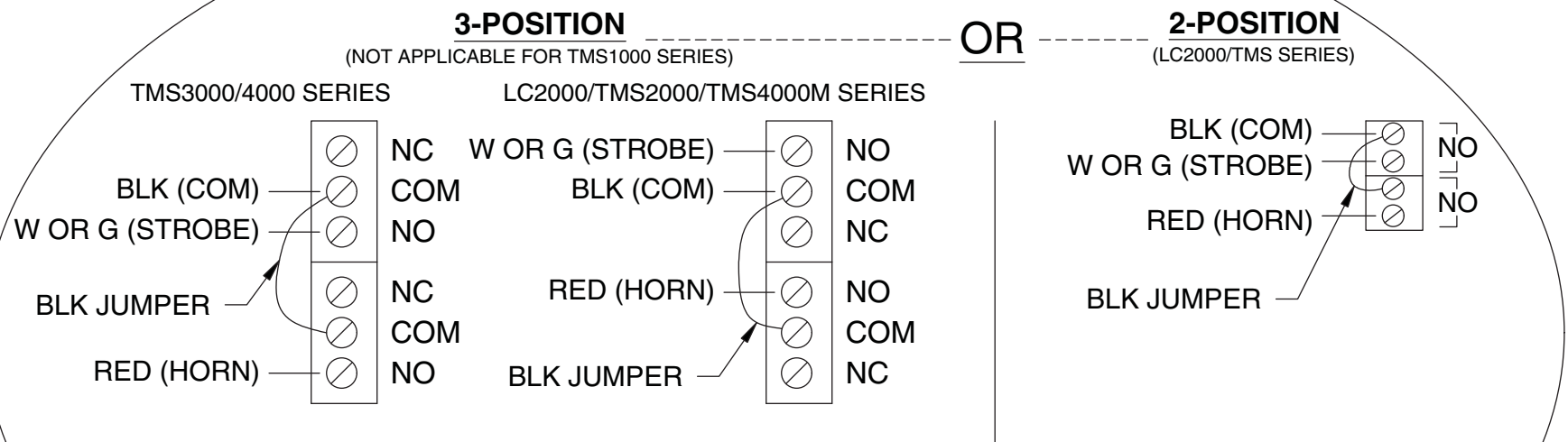
(SEE OPTIONAL RS2 WIRING ON PAGE 4)

### ⚠ WARNING

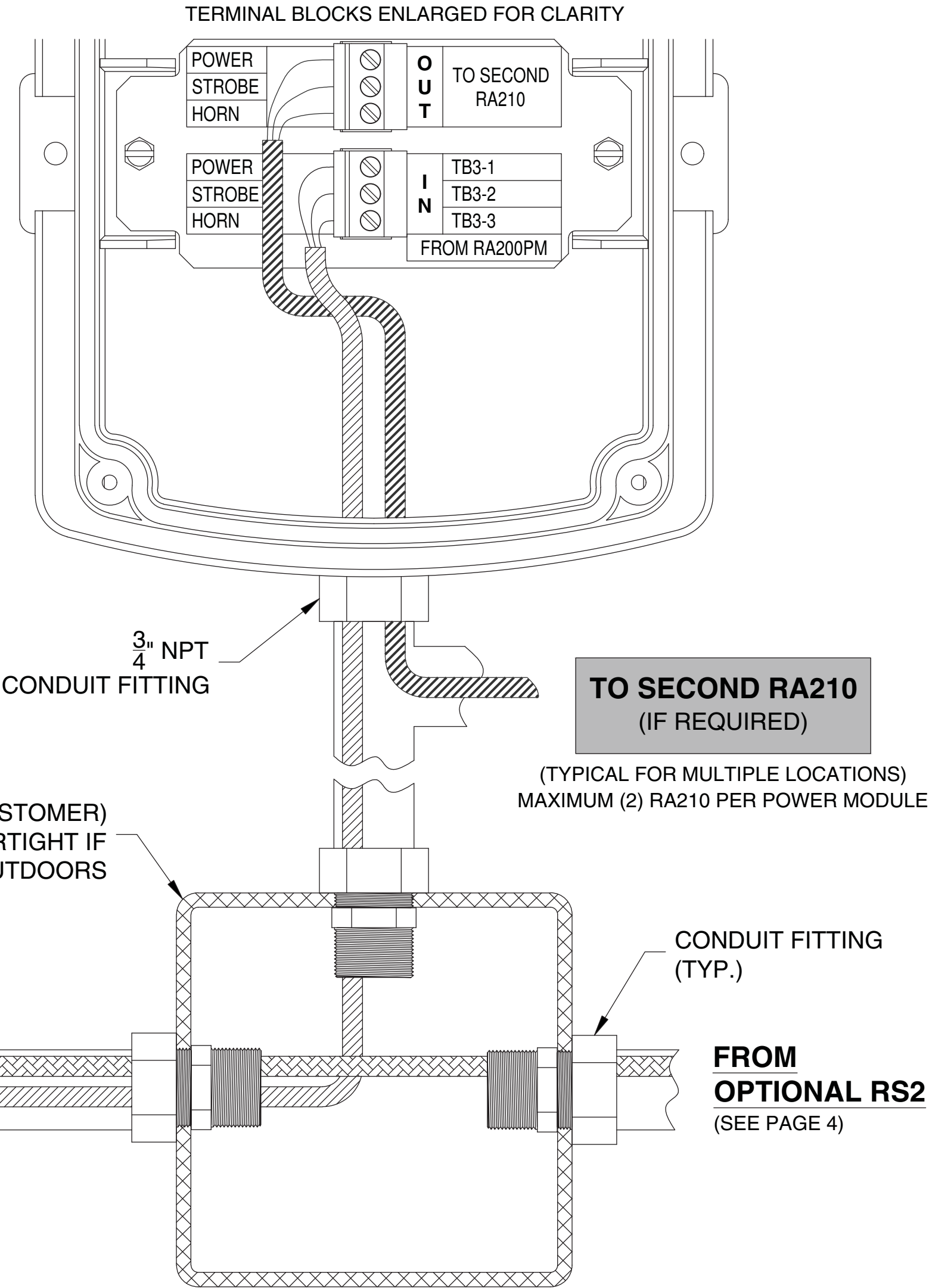
THE RA200PM AND RA210 ARE NOT INTRINSICALLY SAFE OR EXPLOSION PROOF. DO NOT INSTALL INSIDE THE HAZARDOUS AREA.

### TMS/LC2000 SERIES RELAY OUTPUTS

(SEE NOTES 8 & 9)



"BLK" = BLACK; "G" OR "GRN" = GREEN; "W" OR "WHT" = WHITE



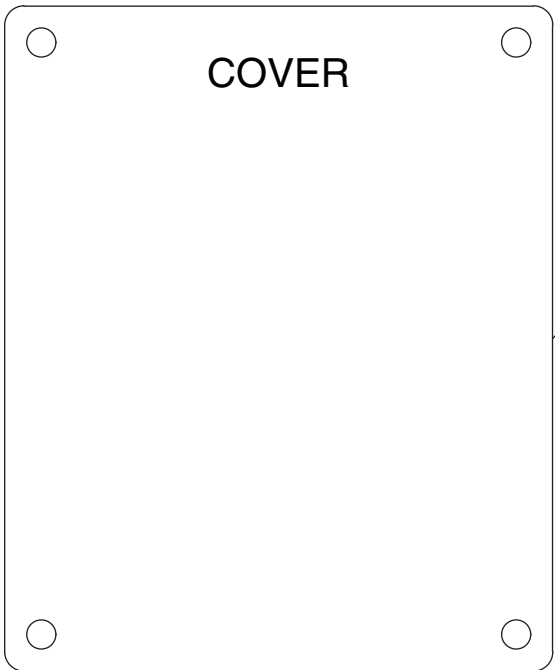
3-CONDUCTOR 22 AWG CABLE  
BELDEN 8443 OR EQUIVALENT

TO CONTACT  
CLOSURE INPUTS  
(SEE PAGE 4)

JUNCTION BOX (BY CUSTOMER)  
MUST BE WATERTIGHT IF  
LOCATED OUTDOORS

|       |                 |
|-------|-----------------|
| TB2-1 | BLK (COM)       |
| TB2-2 | W OR G (STROBE) |
| TB2-3 | RED (HORN)      |

|       |        |
|-------|--------|
| TB3-1 | BLK    |
| TB3-2 | W OR G |
| TB3-3 | RED    |



### RA200PM POWER MODULE

MAXIMUM (2) RA210 PER POWER MODULE

115/230 VAC

50/60Hz

14 AWG/2.5 MM<sup>2</sup> MIN.  
12 AWG/2.5 MM<sup>2</sup> MAX.

SWITCH MUST BE SET TO 115V  
FOR 115V OPERATION AND 230V  
FOR 230V OPERATION

### IMPORTANT NOTES - READ CAREFULLY BEFORE INSTALLATION

NOTES 1-7 DO NOT APPLY TO THIS PAGE (SEE PAGE 1).

8. THIS PRODUCT REQUIRES TWO RELAY OUTPUTS FOR THE RA210 HORN/STROBE, AND TWO CONTACT CLOSURE INPUTS IF THE OPTIONAL RS2 TEST/RESET PUSHBUTTON ASSEMBLY IS USED. IF FACTORY-PROGRAMMED, PLEASE CHECK SYSTEM DOCUMENTATION FOR ASSIGNED RELAY OUTPUTS AND CONTACT CLOSURE INPUTS. IF FIELD-PROGRAMMED, ANY TWO RELAY OUTPUTS AND CONTACT CLOSURE INPUTS MAY BE USED.

9. ALL RELAY OUTPUT AND CONTACT CLOSURE INPUT RECOMMENDED WIRING SHOULD BE STRANDED, 18-22 AWG. AC POWER WIRING TO THE RA200PM MUST FOLLOW LOCAL CODES, TYPICALLY SOLID CONDUCTOR, 12-14 AWG.

# OUTLINE AND WIRING - RA210 SERIES

## RS2 WIRING (IF ORDERED)

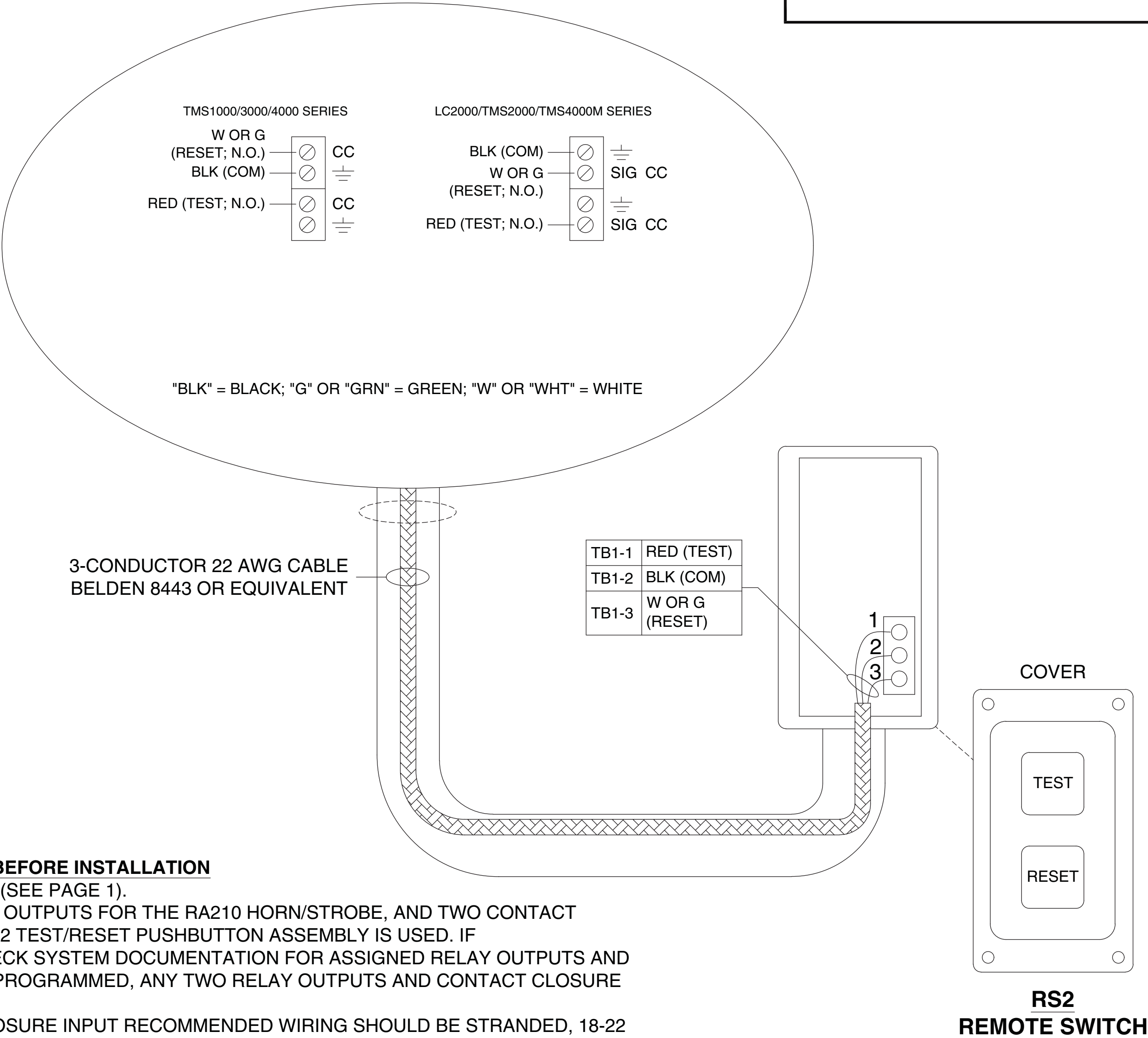
(SEE RA210 WIRING ON PAGE 3)

### TMS/LC2000 SERIES CONTACT CLOSURE INPUTS

(SEE NOTES 8 & 9)

#### ⚠ WARNING

THE RS2 IS NOT INTRINSICALLY SAFE OR EXPLOSION PROOF.  
DO NOT INSTALL INSIDE THE HAZARDOUS AREA.



#### IMPORTANT NOTES - READ CAREFULLY BEFORE INSTALLATION

NOTES 1-7 DO NOT APPLY TO THIS PAGE (SEE PAGE 1).

- THIS PRODUCT REQUIRES TWO RELAY OUTPUTS FOR THE RA210 HORN/STROBE, AND TWO CONTACT CLOSURE INPUTS IF THE OPTIONAL RS2 TEST/RESET PUSHBUTTON ASSEMBLY IS USED. IF FACTORY-PROGRAMMED, PLEASE CHECK SYSTEM DOCUMENTATION FOR ASSIGNED RELAY OUTPUTS AND CONTACT CLOSURE INPUTS. IF FIELD-PROGRAMMED, ANY TWO RELAY OUTPUTS AND CONTACT CLOSURE INPUTS MAY BE USED.
- ALL RELAY OUTPUT AND CONTACT CLOSURE INPUT RECOMMENDED WIRING SHOULD BE STRANDED, 18-22 AWG. AC POWER WIRING TO THE RA200PM MUST FOLLOW LOCAL CODES, TYPICALLY SOLID CONDUCTOR, 12-14 AWG.

