

WIRING DRAWING - RA100 TO LC2000 & TMS SERIES

TO LC2000/TMS
(SEE PAGE 3)

TO LC2000/TMS
(SEE PAGE 2)

* RA100 REMOTE AUDIBLE/VISUAL ANNUNCIATOR

TO CONTACT CLOSURE INPUTS
3-CONDUCTOR 22 AWG CABLE
BELDEN 8443 OR EQUIVALENT

TO RELAY OUTPUTS

COVER
(FRONT VIEW)

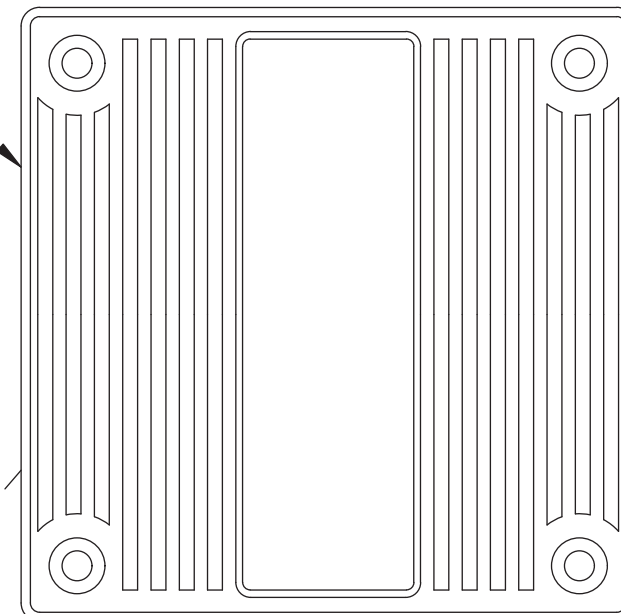
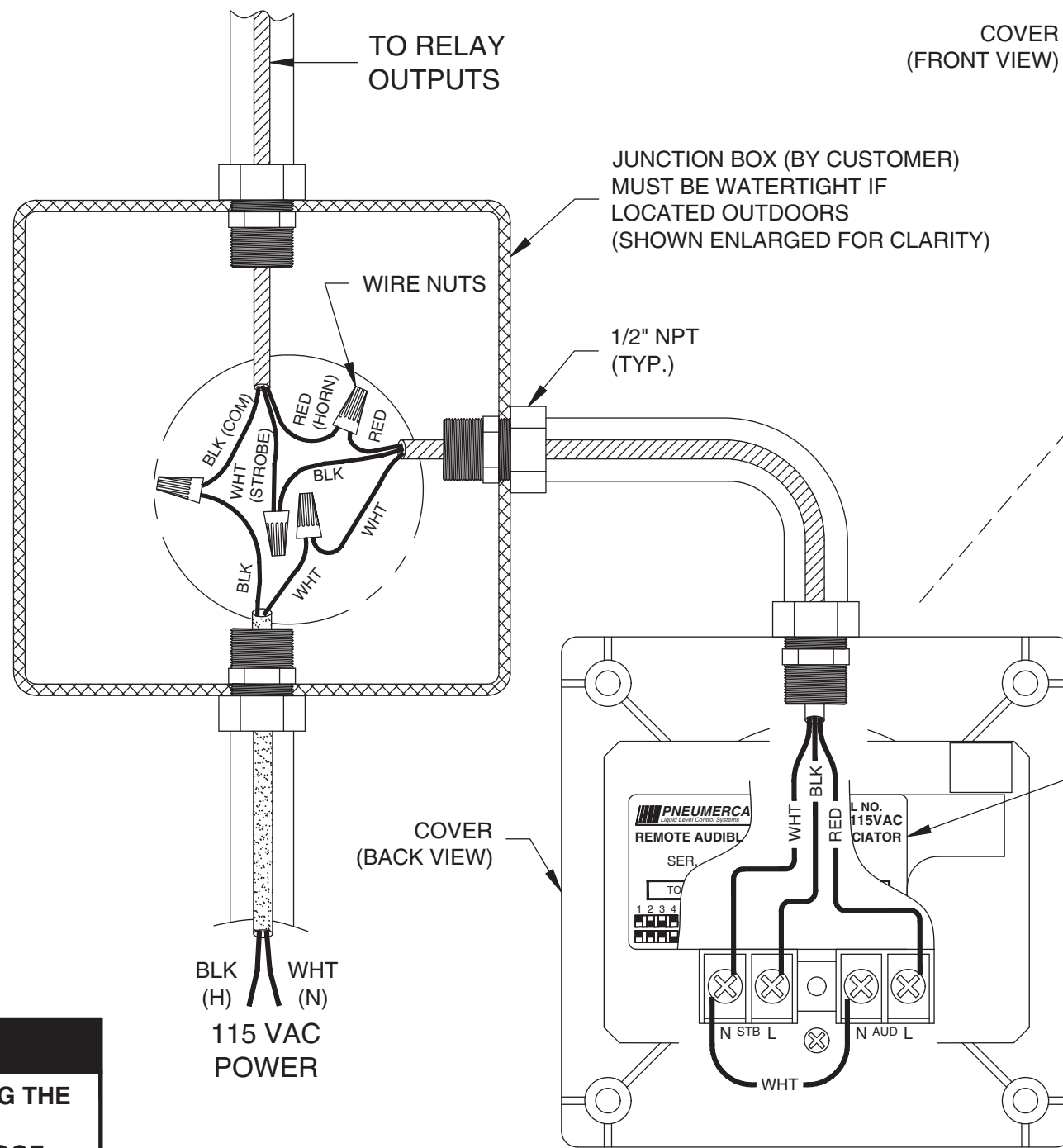
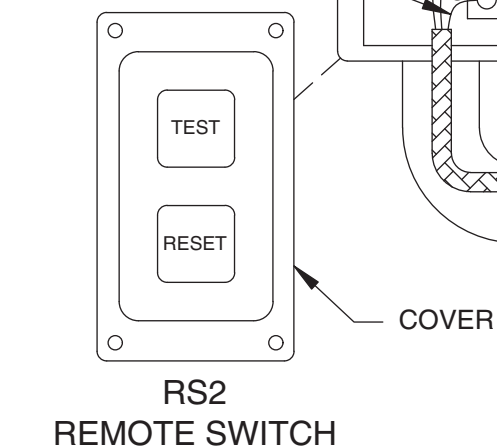
JUNCTION BOX (BY CUSTOMER)
MUST BE WATERTIGHT IF
LOCATED OUTDOORS
(SHOWN ENLARGED FOR CLARITY)

WIRE NUTS

1/2" NPT
(TYP.)

COVER
(BACK VIEW)

- 1 = RED (TEST)
- 2 = BLACK (COM)
- 3 = WHT OR GRN (RESET)



* INSTALL SO THAT THE DRIP HOLES ARE LOCATED ON THE BOTTOM (SEE OUTLINE DRAWING 10506). IF NOT SUPPLIED, DRAWING MAY BE DOWNLOADED FROM www.pneumercator.com

PNEUMERCATOR MODEL NO. RA100-115VAC
Liquid Level Control Systems
REMOTE AUDIBLE/VISUAL ANNUNCIATOR

SER. NO.

TONE OPTIONS/SW1 SWITCH POSITIONS

1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
MARCH TIME				SIREN				HORN				CODE 3 TONE			
CODE 3 HORN				HI/LO				BELL				SLOW WOOP			

3 COND. CABLE	COND. COLOR	FUNCTION
[Cross-hatched box] (SEE PAGES 1 & 3)	RED	TEST (N.O.)
	BLACK W OR G	SWITCH COMMON RESET (N.O.)
[Diagonal-hatched box] (SEE PAGES 1 & 2)	RED	HORN
	BLACK W OR G	HORN/STROBE COMMON STROBE

"W" = WHITE; "G" = GREEN

⚠ WARNING

- DO NOT USE THE TMS POWER AS THE SOURCE FOR POWERING THE RA100.
- THIS SYSTEM IS NOT INTRINSICALLY SAFE OR EXPLOSION PROOF. DO NOT INSTALL INSIDE THE HAZARDOUS AREA.



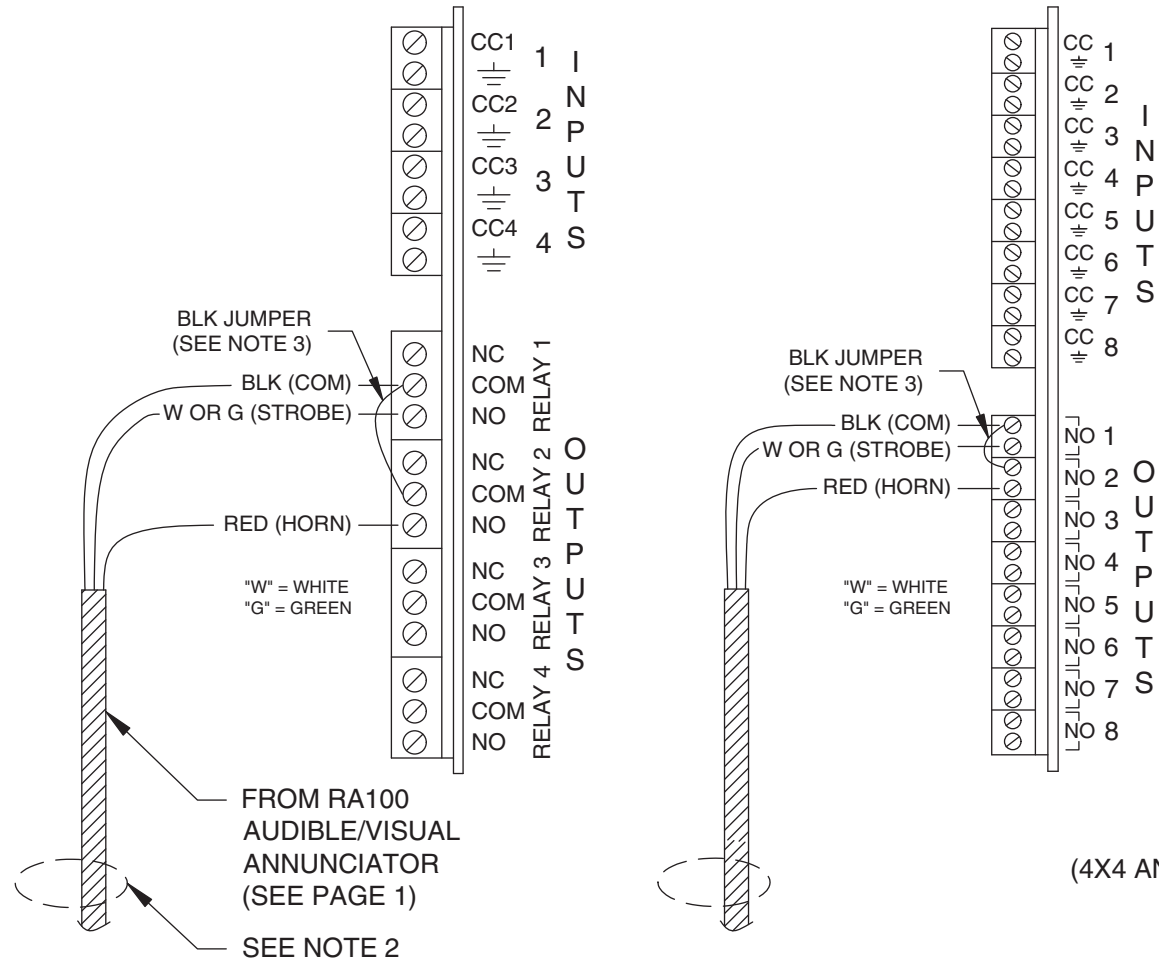
Questions? Contact Technical Support at (800) 209-7858

WIRING DRAWING - RA100 TO LC2000 & TMS SERIES

TMS3000/TMS4000

WIRING TERMINATION EXAMPLES SHOWN FOR REFERENCE
(SEE NOTES)

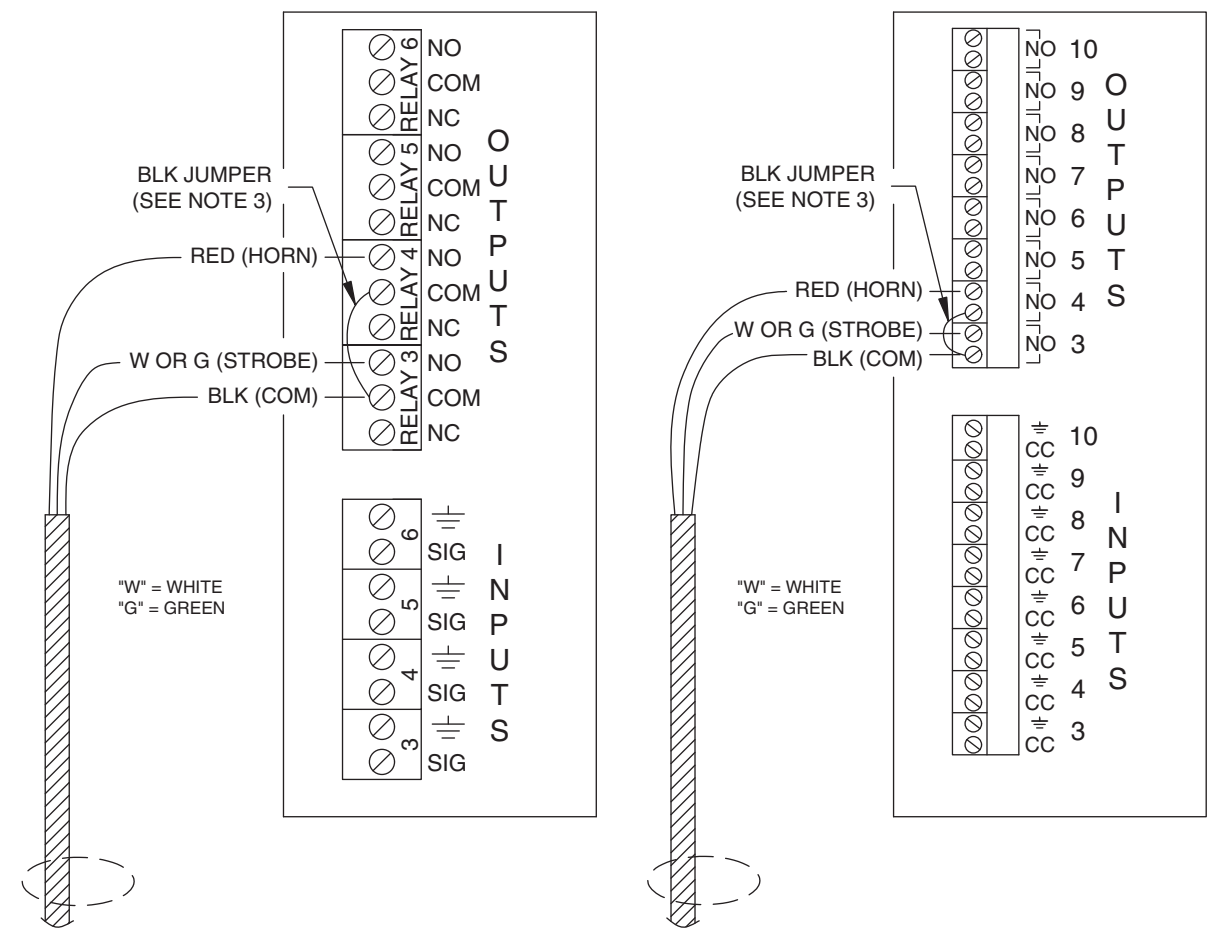
4X4 RELAY I/O CARD — OR — 8X8 RELAY I/O CARD



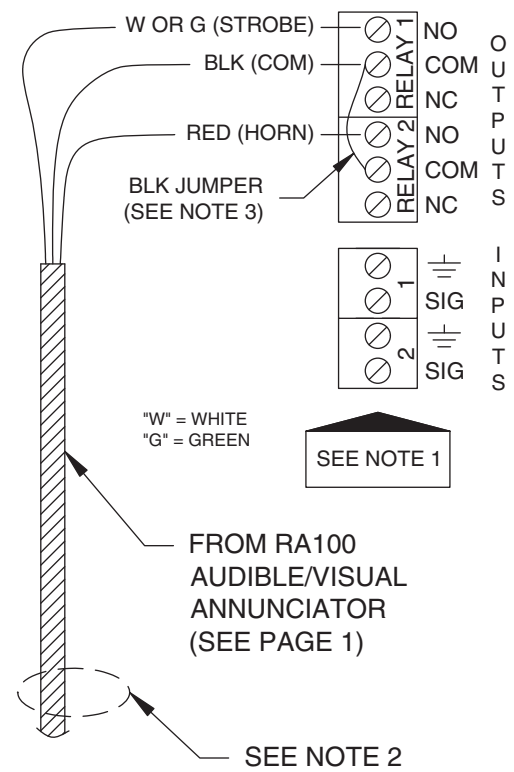
LC2000/TMS2000/TMS4000M

WIRING TERMINATION EXAMPLES SHOWN FOR REFERENCE
(SEE NOTES)

OR * 4X4 (10A) RELAY I/O CARD OR * 4X4 (5A) RELAY I/O CARD OR * 8X8 RELAY I/O CARD



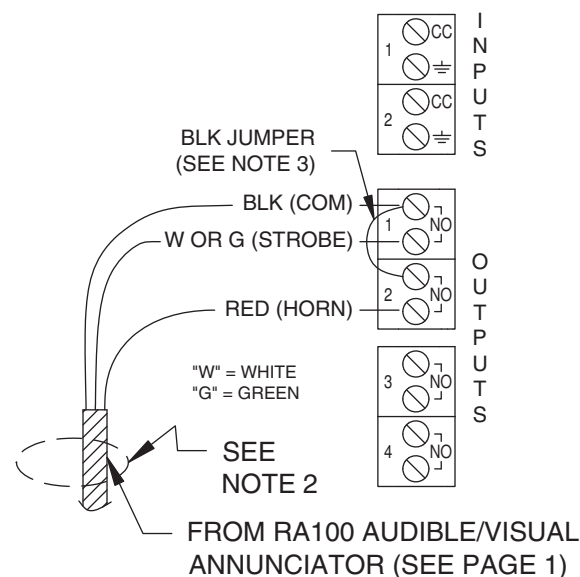
MAIN BD. RELAY I/Os



TMS1000

(4X4 AND 8X8 RELAY CARDS ARE NOT SUPPORTED)

MAIN BD. RELAY I/Os



NOTES:

1. WIRING MAY BE TERMINATED ON ANY TMS RELAY INPUT/OUTPUT. HOWEVER, IF REQUESTED WITH ORDER, WIRING MUST BE TERMINATED ON THE SPECIFIED PRE-PROGRAMMED INPUTS/OUTPUTS (I/Os). REMINDER: PROGRAMMING STARTS WITH THE BUILT-IN MAIN BOARD RELAY I/Os FOR LC2000, TMS2000 AND TMS4000M. THE TMS4000M MAIN BOARD RELAY I/Os LAYOUT IS NOT SHOWN BUT IS THE SAME OR SIMILAR 2X2 I/Os AND TERMINAL BLOCK MARKINGS/NAMES AS SHOWN ABOVE.
2. LC2000/TMS1000/TMS2000 COMMS AND TMS3000/TMS4000 COMMS OR 2ND NON I.S. CONDUITS MUST BE USED FOR RS2 LOW VOLTAGE WIRING. IF DESIGNATED CONDUITS ARE UNAVAILABLE TO SEPARATE HIGH AND LOW VOLTAGE WIRING, USE THE PREFERRED RA200 REMOTE ALARM SYSTEM FOR LC2000/TMS SERIES PER DRAWING 50214. DO NOT MODIFY LC2000/TMS ENCLOSURE.
3. JUMPER WIRE GREATER THAN 18 AWG MUST BE DONE IN A JUNCTION BOX BELOW LC2000/TMS ENCLOSURE.

* 4X4 (5A) RELAY I/O CARD (TMS4000M ONLY) SAME LAYOUT AS 8X8 CARD EXCEPT THE NUMBER OF INPUTS/OUTPUTS. THE TMS4000M DOES NOT SUPPORT 4X4 (10A) AND 8X8 RELAY I/O CARDS

3 COND. CABLE	COND. COLOR	FUNCTION
(SEE PAGES 1 & 3)	RED	TEST (N.O.)
	BLACK	SWITCH COMMON
(SEE PAGES 1 & 2)	W OR G	RESET (N.O.)
	RED	HORN
	BLACK	HORN/STROBE COMMON
	W OR G	STROBE

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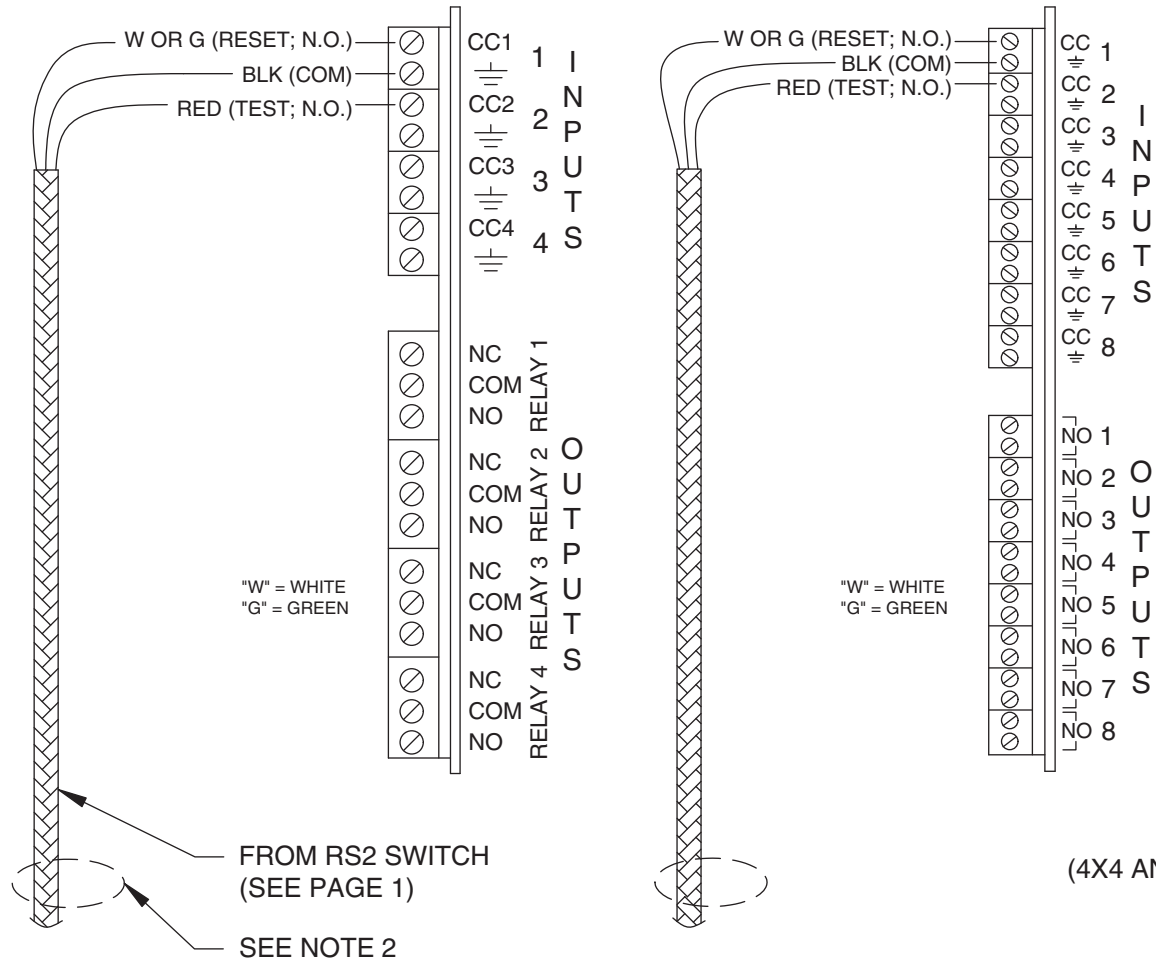
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WIRING DRAWING - RA100 TO LC2000 & TMS SERIES

TMS3000/TMS4000

WIRING TERMINATION EXAMPLES SHOWN FOR REFERENCE
(SEE NOTES)

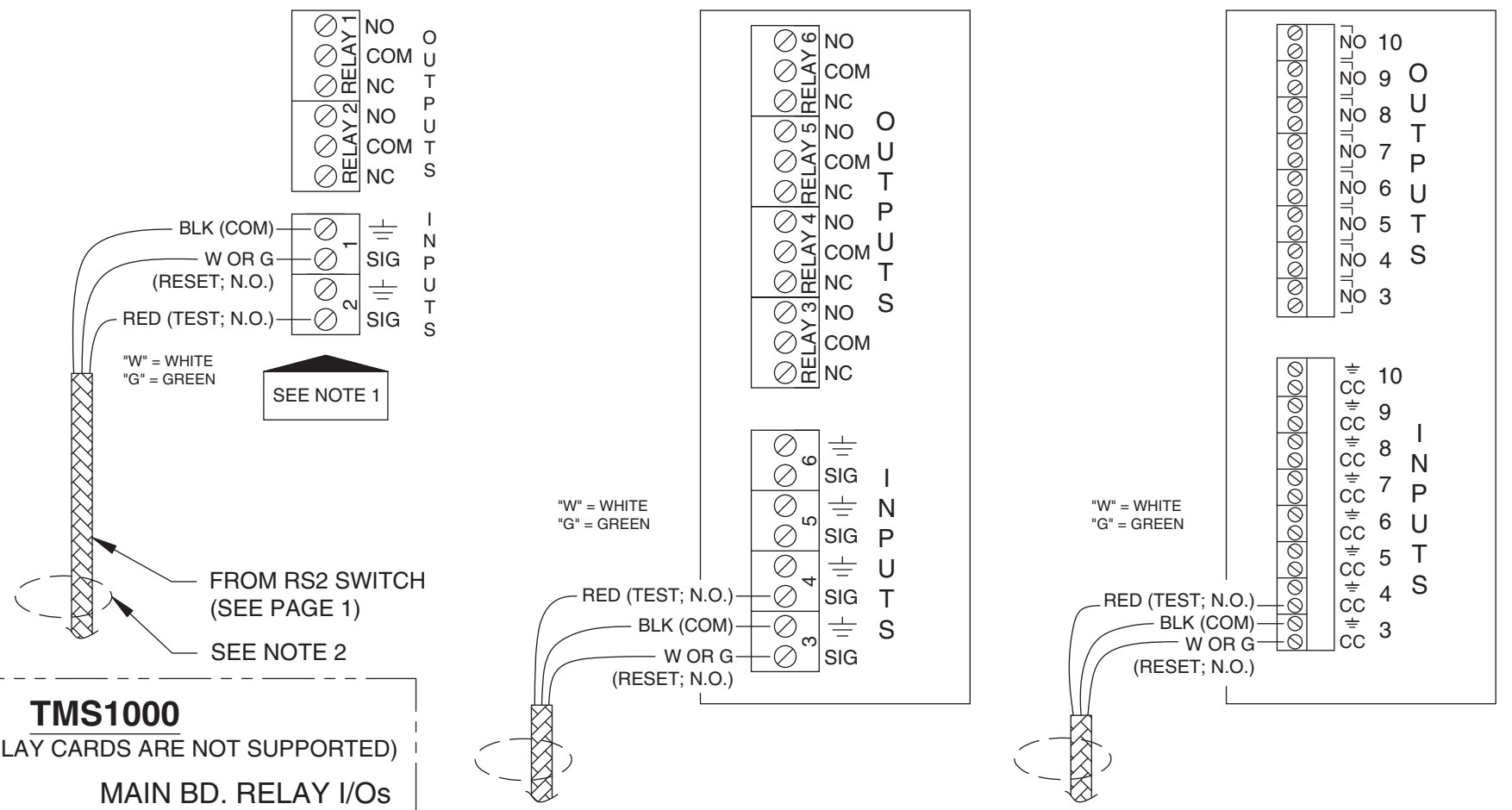
4X4 RELAY I/O CARD — OR — 8X8 RELAY I/O CARD



LC2000/TMS2000/TMS4000M

WIRING TERMINATION EXAMPLES SHOWN FOR REFERENCE
(SEE NOTES)

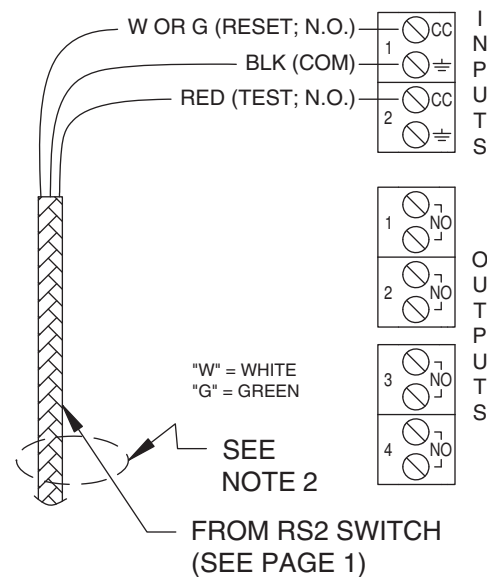
MAIN BD. RELAY I/Os OR * 4X4 (10A) RELAY I/O CARD OR * 4X4 (5A) RELAY I/O CARD OR * 8X8 RELAY I/O CARD



TMS1000

(4X4 AND 8X8 RELAY CARDS ARE NOT SUPPORTED)

MAIN BD. RELAY I/Os



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(SEE PAGES 1 & 3)	RED	TEST (N.O.)
	BLACK	SWITCH COMMON
	W OR G	RESET (N.O.)
(SEE PAGES 1 & 2)	RED	HORN
	BLACK	HORN/STROBE COMMON
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