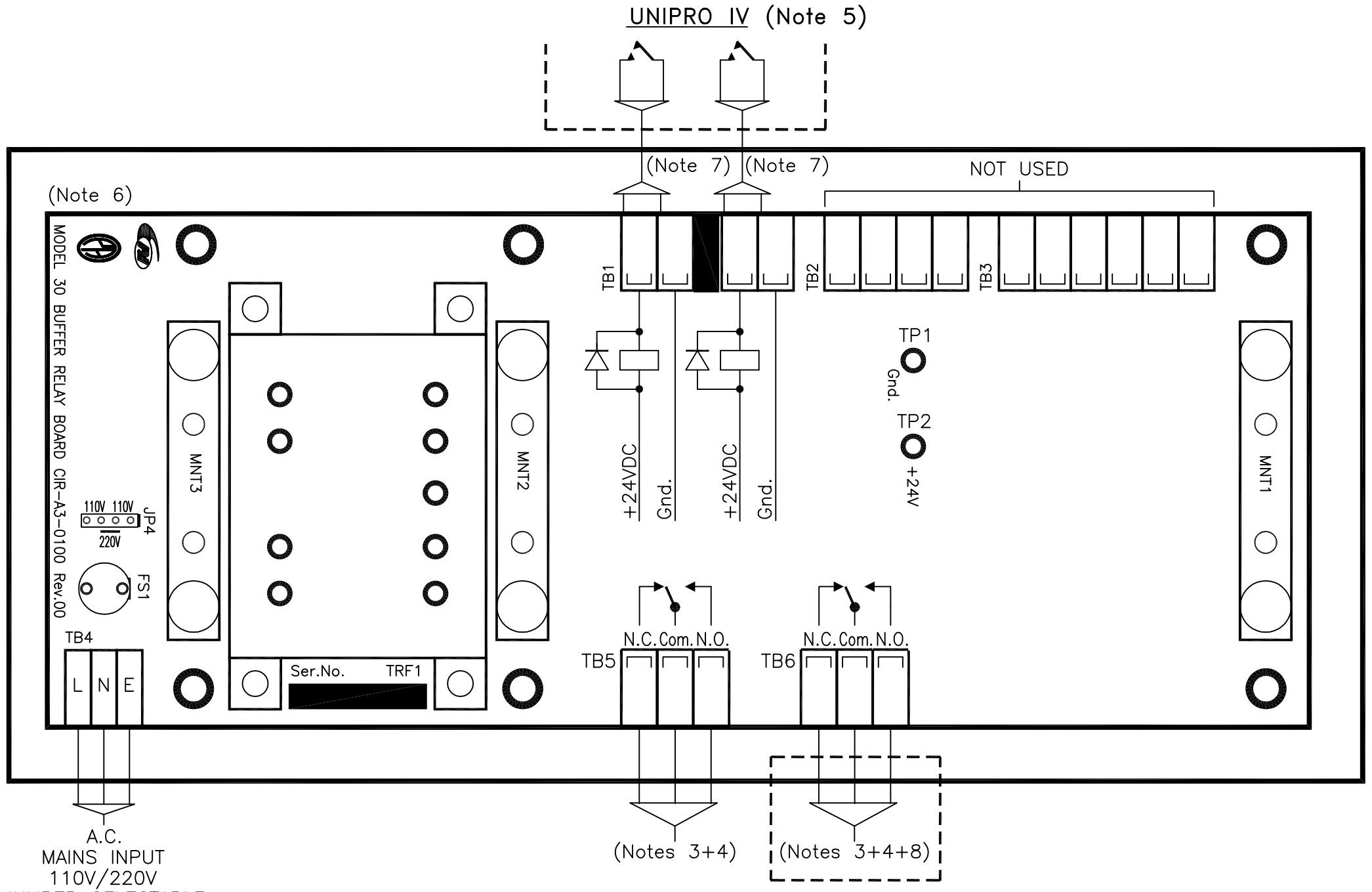


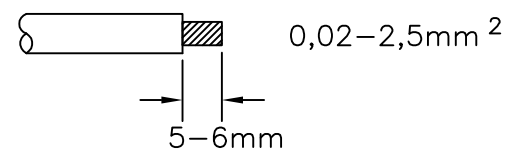
POWER SUPPLY
MAINS VOLTAGE SELECTION

220V	JP4 POSITION (2to3)
110V	JP4 POSITION (1to2)+(3to4)

MAXIMUM RELAY CONTACT RATING
(Note 3)

RESISTIVE LOAD	INDUCTIVE LOAD
5A at 250VAC 5A at 30VDC	2A at 250VAC 3A at 30VDC

PREPARATION OF INTERCONNECTING WIRES



NOTES:–

1. BEFORE APPLYING MAINS POWER ENSURE THAT THE CORRECT MAINS VOLTAGE HAS BEEN SELECTED ON JP4 (SEE MAINS VOLTAGE SELECTION TABLE.)
2. MAXIMUM A.C. MAINS POWER CONSUMPTION IS 10VA.
3. TO PROTECT RELAY CONTACTS AND PREVENT EMI FIT A SNUBBER OR MOV FOR A.C. LOADS, SUITABLY RATED REVERSE BIASED DIODE FOR D.C. LOAD. FIT AS CLOSE TO THE LOAD AS POSSIBLE.
4. SEE MAXIMUM CONTACT RATING TABLE FOR PERMISSIBLE LOAD.
5. UNIPRO TOTALIZER OR EXPANSION I/O DIGITAL OUTPUT (DRY CONTACT VOLT FREE RELAY.)
6. STANDARD ENCLOSURE RATED IP55 REFER TO ENC040–001–200 FOR DIMENSIONS.
7. MAXIMUM CABLE LENGTH LIMITED BY VOLTAGE DROP. RELAY REQUIRES AT LEAST 22mA AT 17V TO OPERATE.
8. OPTIONAL. NUMBER OF CONTACTS TO BE SPECIFIED AT THE TIME OF ORDER.

ISSUED BY
J.BORNMAN

ISSUED DATE
REFER MANUAL RELEASE DATE

DEPARTMENT ISSUED TO
DOCUMENTATION DEPT.

PURPOSE
PA MANUAL

DATE WITHDRAWN

WITHDRAWN BY

Rev.	Date		Description	Eng Approved	Reviewed
01	29.11.2017	J.BORNMAN	REMOVED DIN RAIL MOUNTING HARDWARE	M.E'Silva	I.Thornton

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Engineer I.Thornton	Date 13.12.06	**INTERCONNECT WIRING DIAGRAM -MODEL 30 "BUFFER RELAY BOARD"- to allow voltages greater than 50V to be switched from UNIPRO IV**	
Drawn by J.m.J.	Date 13.12.06		
Checked I.Thornton	Date 13.12.06		
S.O. No.	Tolerance Dim. ±.5mm Angles ±,25°	Scale	Drg. No. **WIR-A3-0672**
Sheet of		Revision No. **01**	