



NOTES:

- IDENTIFICATION:  
NETWORK ZONE SYSTEM, 100-240VAC INPUT, REDUNDANT 24VDC POWER SUPPLIES, (2) 100W MAINTENANCE FREE UPS FIELD WIRING DIAGRAM PART NO. 15V510RK
- USE OF COPPER CONDUCTORS ONLY
- FIELD WIRING CONDUCTORS TO BE 14 GA
- MINIMUM FIELD WIRE TEMPERATURE RATING 60°C
- TERMINAL TIGHTENING TORQUE OF 5.0 TO 5.6 IN-LBS FOR LINE (HOT) (TB-L1) AND NEUTRAL (TB-N) CONNECTIONS.
- TERMINAL TIGHTENING TORQUE OF 35 IN-LBS FOR GROUND BAR TERMINAL.
- MAX BRANCH CIRCUIT PROTECTION RATING OF 15 AMPS REQUIRED AT FIELD INSTALL.
- VOLTAGE RANGE IS 100-240 VAC, 50-60 HZ SINGLE PHASE ONLY.
- CONDUIT FITTINGS TO MATCH ENCLOSURE RATINGS TYPE 4, 4X, 12 REQUIRED.
- THE 24 VOLT DC POWER SUPPLY (PS-2) HAS A MAX RATING OF 240 WATTS. MAINTENANCE FREE UPS HAS A MAX RATING OF 100 WATTS.
- THE 24 VOLT DC POWER SUPPLY (PS-1) HAS A MAX RATING OF 91.2 WATTS.
- FOR APPLICATIONS WITH CUSTOMER SUPPLIED SWITCH
  - REMOVE DC WIRES (4,5,8,9,10,11 AND 12) FROM TERMINAL BLOCKS
  - REMOVE TERMINAL BLOCKS
  - INSTALL SWITCH
  - INSTALL THE SUPPLIED 24 VOLT WIRES FOR THE SWITCH, WIRE NUMBERS 4,5,8,9,10,11 AND 12. CHECK WIRE DIAGRAM FOR POLARITY. TORQUE TO SPECIFIED RATINGS.
  - INSTALL SUPPLIED GROUND WIRE TO SWITCH. TORQUE TO SPECIFIED RATINGS.
- BEFORE APPLYING POWER:
  - TURN ON CONTACT BLOCKS 1 AND 2. (CTB-1 AND CTB-2)
  - TURN ON PANDUIT-UPS-1 AND PANDUIT UPS-2. (UPS-1 AND UPS-2)

							TITLE NETWORK ZONE SYSTEM, 100-240VAC INPUT, REDUNDANT 24VDC POWER SUPPLIES, (2) 100W MAINTENANCE FREE UPS FIELD WIRING DIAGRAM	
							ITEM REVISION NAME 15V510RK/01.PRT	
							DATASET FILE NAME 15V510RK_DC/01A.PRT	
							UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: INCHES: .03, .015, .007   METRIC: .8, .4, .2   ANGLE: 1°	
							MATERIAL/COLOR: N/A	
							DRAWING NUMBER: 15V510RK	
							THIRD ANGLE PROJECTION	
							ECN-1N1-0001/02	
							GRAN BY: JBO   DATE: 1-9-17   CHK: TIMH   SCALE: N/A	
							SHT 1 OF 1   SIZE: C	
01A	2-1-18	RHG	NWW	TIMH	RELEASED TO CUSTOMER	ECN-1N1-0001/02		
REV	DATE	BY	CHK	APR	DESCRIPTION	ECN		