



NOTES:

1. IDENTIFICATION:  
UNIVERSAL ZONE SYSTEM, 100-240VAC INPUT, REDUNDANT 24VDC POWER SUPPLIES, (2) 100W MAINTENANCE FREE UPS  
FIELD WIRING DIAGRAM  
PART NO. 15V510WK
2. USE OF COPPER CONDUCTORS ONLY
3. FIELD WIRING CONDUCTORS TO BE 14 GA
4. MINIMUM FIELD WIRE TEMPERATURE RATING 60°C
5. TERMINAL TIGHTENING TORQUE OF 5.0 TO 5.6 IN-LBS FOR LINE (HOT) (TB-L1) AND NEUTRAL (TB-N) CONNECTIONS.
6. TERMINAL TIGHTENING TORQUE OF 35 IN-LBS FOR GROUND BAR TERMINAL.
7. MAX BRANCH CIRCUIT PROTECTION RATING OF 15 AMPS REQUIRED AT FIELD INSTALL.
8. VOLTAGE RANGE IS 100-240 VAC, 50-60 HZ SINGLE PHASE ONLY.
9. CONDUIT FITTINGS TO MATCH ENCLOSURE RATINGS TYPE 4, 4X, 12 REQUIRED.
10. THE 24 VOLTS DC POWER SUPPLIES (PS-1 AND PS-2) HAVE A MAX RATING OF 91.2 WATTS. MAINTENANCE FREE UPS HAS A MAX RATING OF 100 WATTS.
11. FOR APPLICATIONS WITH CUSTOMER SUPPLIED SWITCH
  1. REMOVE DC WIRES (4,5,8,9,10,11 AND 12) FROM TERMINAL BLOCKS
  2. REMOVE TERMINAL BLOCKS
  3. INSTALL SWITCH
  4. 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.
  5. INSTALL SUPPLIED GROUND WIRE TO SWITCH. TORQUE TO SPECIFIED RATINGS.
12. BEFORE APPLYING POWER:
  1. TURN ON CONTACT BLOCKS 1 AND 2. (CTB-1 AND CTB-2)
  2. TURN ON PANDUIT-UPS-1 AND PANDUIT UPS-2. (UPS-1 AND UPS-2)

							TITLE UNIVERSAL ZONE SYSTEM, 100-240VAC INPUT, REDUNDANT 24VDC POWER SUPPLIES, (2) 100W MAINTENANCE FREE UPS FIELD WIRING DIAGRAM		
							ITEM REVISION NAME 15V510WK/01.PRT		
							DATASET FILE NAME 15V510WK_DC/01A.PRT		
							UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: INCHES: .03, .015, .007   METRIC: .8, .46, .15   ANGLE: 1°		
							MATERIAL/COLOR: N/A		
							DRAWING NUMBER: 15V510WK		
							THIRD ANGLE PROJECTION		
							DRAWN BY: NWW   DATE: 10-18-16   CHK: TIMH   SCALE: N/A		
							DESCRIPTION: 15V510WK		
							ECN: SHT 1 OF 1   SIZE: C		
01A	2-21-18	JBO	NWW	TIMH	RELEASED TO CUSTOMER	15V510WK			
REV	DATE	BY	CHK	APR	DESCRIPTION	ECN			