NOTES:

1. 1221-ROME4 SHOWN. WHEN ORDERED WITH FEWER CONTROLLERS, EQUIPMENT IS REMOVED FROM THE TOP DOWN

2. PANEL CUTOUT DIMENSIONS: 8.92" H X 11.87" W

3. CONDUIT ENTRY POINTS, 1" NPT

"FRONT VIEW"

"BOTTOM VIEW"

"VENT"
NOTES:
1. 1221-ROE4 SHOWN. WHEN ORDERED WITH FEWER CONTROLLERS, EQUIPMENT IS REMOVED FROM THE TOP DOWN
2. CONDUIT ENTRY POINTS, 1" NPT
NOTES:
1. 1221-RCMP4 SHOWN. WHEN ORDERED WITH FEWER CONTROLLERS, EQUIPMENT IS REMOVED FROM THE TOP DOWN
2. CONTROLLER #3, TB3D AND TB4D ARE BEHIND THE MONITOR/LOGGER SWING PANEL
NOTES:

1. 1221-RCP4 SHOWN. WHEN ORDERED WITH FEWER CONTROLLERS, EQUIPMENT IS REMOVED FROM THE TOP DOWN
NOTES:
1) ELECTRICAL CLASSIFICATION DESIGNED FOR CLASS 1, DIV2, GROUPS A, B, C, D.
ALL ELECTRICAL COMPONENTS ARE SELF-CERTIFIED FOR HAZARDOUS AREA USAGE BY THE RESPECTIVE VENDOR. THIS ASSEMBLY HAS NOT BEEN CERTIFIED.

2) WIRING SHALL BE IN ACCORDANCE WITH APPLICABLE NEC CODE.
ELECTRICAL MATERIALS SHALL BE LABELED BY: UL, FM OR CSA (WIRE AND TERMINALS ONLY)
THE FOLLOWING WIRE SIZES ARE EXCLUSIVE OF INTEGRATED COMPONENT WIRE SIZE:
AC POWER WIRES: TFE 600V INSULATION, 12 AWG MINIMUM, STRANDED COPPER CONDUCTOR
ALL OTHER WIRES: TFE 300V INSULATION, 18 AWG MINIMUM, STRANDED COPPER CONDUCTOR

3) COLOR CODING:
AC: BLACK SIGNAL & ALARM
DC: POSITIVE - RED
N2: WHITE NEGATIVE - BLUE
GROUND: GREEN

FOR 115VAC USE H/L1 AND N CONTACTS
FOR 230VAC USE H/L1 AND L2 CONTACTS (BOTH INPUTS THRU BREAKER)
FOR 24VDC OPTION, SEE SHEET 6, NOTE 1
INSTALL JUMPER FROM L2 BREAKER TO NEUTRAL TERMINAL
SV3 WIRING ONLY REQUIRED WITH DUAL VORTEX PROBES

7) ENCLOSURE DOOR SHALL BE GROUNDED TO BACK PANEL, WHERE APPLICABLE
TBB-4 HAS 24VDC THAT CAN BE WIRED TO A SWITCH/DRY CONTACT, THEN RETURNED THROUGH TBB-3 TO FORCE THE SAMPLE SHUTOFF.
INSERT JUMPER FOR SAME EFFECT.

FIELD TO WIRE
NOTES:

FOR CUSTOMER SUPPLIED 24V OPTION, DISCONNECT POWER SUPPLY AND WIRE DIRECTLY TO TBD-1 (+24V) AND TBD-11 (0V)

ENCLOSURE RTD INSTALLED INSIDE PANDUIT

I/O
P/N 5600-1253

CONTROLLER
P/N 5600-1251

HMI
P/N 5600-1252

PLC-TSO

PLC-G

PLC-24V

J1-24V

PLC-TSO-V

R1-A1+

R2-11

R2-A1+

R3-A1+

TBB-4

PLC-0V

J1-0V

PLC-TSO-C

TBC-2

24V

0V

PLC-G

J1-GND

PS-G

TBA-G

PS-V+

PLC-24V

J1-24V

PLC-TSO-V

R1-A1+

R2-11

R2-A1+

R3-A1+

TBB-4

PLC-0V

J1-0V

PLC-TSO-C

TBC-2

NOTES:

FOR CUSTOMER SUPPLIED 24V OPTION, DISCONNECT POWER SUPPLY AND WIRE DIRECTLY TO TBD-1 (+24V) AND TBD-11 (0V)

ENCLOSURE RTD INSTALLED INSIDE PANDUIT

NOTES:

FOR CUSTOMER SUPPLIED 24V OPTION, DISCONNECT POWER SUPPLY AND WIRE DIRECTLY TO TBD-1 (+24V) AND TBD-11 (0V)

ENCLOSURE RTD INSTALLED INSIDE PANDUIT
NOTES:

- FOR 115VAC USE H/L1 AND N CONTACTS
- FOR 230VAC USE H/L1 AND L2 CONTACTS (BOTH INPUTS THRU BREAKER)
- FOR 24VDC OPTION: DISCONNECT PSS AND WIRE DIRECTLY TO SWITCH AND MONITOR
- INSTALL JUMPER FROM L2 BREAKER TO NEUTRAL TERMINAL

FIELD TO WIRE

100-240 VAC
50/60HZ
4A