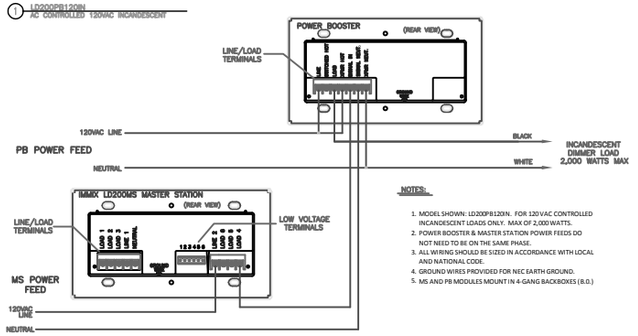
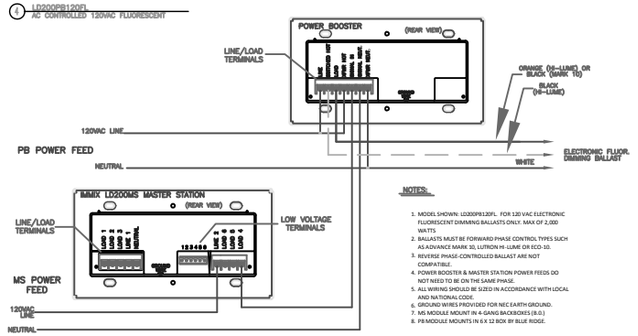
1 LD200PB120IN
AC CONTROLLED 120VAC INCANDESCENT



NOTES:

1. MODEL SHOWN: LD200PB120IN. FOR 120 VAC CONTROLLED INCANDESCENT LOADS ONLY. MAX OF 2,000 WATTS.
2. POWER BOOSTER & MASTER STATION POWER FEEDS DO NOT NEED TO BE ON THE SAME PHASE.
3. ALL WIRING SHOULD BE SIZED IN ACCORDANCE WITH LOCAL AND NATIONAL CODE.
4. GROUND WIRES PROVIDED FOR NEC EARTH GROUND.
5. MS AND PB MODULES MOUNT IN 4-GANG BACKBOXES (B.O.)

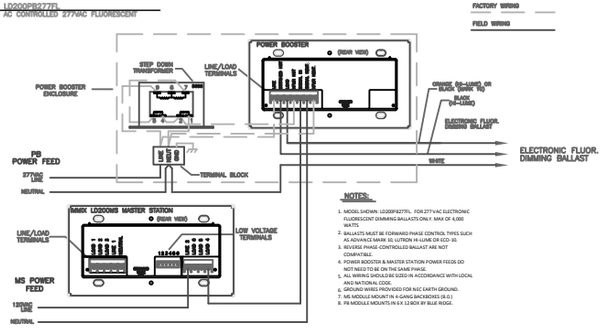
4 LD200PB120FL
AC CONTROLLED 120VAC FLUORESCENT



NOTES:

1. MODEL SHOWN: LD200PB120FL FOR 120 VAC ELECTRONIC FLUORESCENT DIMMING BALLASTS ONLY. MAX OF 2,000 WATTS
2. BALLASTS MUST BE FORWARD PHASE CONTROL TYPES SUCH AS ADVANCE MARK 10, LUTRON HI-LUME OR ECO-10.
3. REVERSE PHASE-CONTROLLED BALLAST ARE NOT COMPATIBLE.
4. POWER BOOSTER & MASTER STATION POWER FEEDS DO NOT NEED TO BE ON THE SAME PHASE.
5. ALL WIRING SHOULD BE SIZED IN ACCORDANCE WITH LOCAL AND NATIONAL CODE.
6. GROUND WIRES PROVIDED FOR NEC EARTH GROUND.
7. MS MODULE MOUNT IN 4-GANG BACKBOXES (B.O.)
8. PB MODULE MOUNTS IN 6 X 12 BOX BY BLUE RIDGE.

7 LD200PB277FL
AC CONTROLLED 277VAC FLUORESCENT

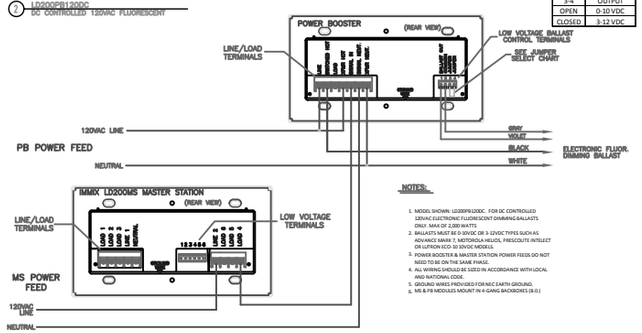


NOTES:

1. MODEL SHOWN: LD200PB277FL. FOR 277 VAC ELECTRONIC FLUORESCENT DIMMING BALLASTS ONLY. MAX OF 4,000 WATTS.
2. BALLASTS MUST BE FORWARD PHASE CONTROL TYPES SUCH AS ADVANCE MARK 10, LUTRON HI-LUME OR ECO-10.
3. REVERSE PHASE-CONTROLLED BALLAST ARE NOT COMPATIBLE.
4. POWER BOOSTER & MASTER STATION POWER FEEDS DO NOT NEED TO BE ON THE SAME PHASE.
5. ALL WIRING SHOULD BE SIZED IN ACCORDANCE WITH LOCAL AND NATIONAL CODE.
6. GROUND WIRES PROVIDED FOR NEC EARTH GROUND.
7. MS MODULE MOUNT IN 4-GANG BACKBOXES (B.O.)
8. PB MODULE MOUNTS IN 6 X 12 BOX BY BLUE RIDGE.

2 LD200PB120DC
DC CONTROLLED 120VAC FLUORESCENT

JUMPER SELECT CHART	
3-4	OUTPUT
OPEN	0-10 VDC
CLOSED	3-12 VDC

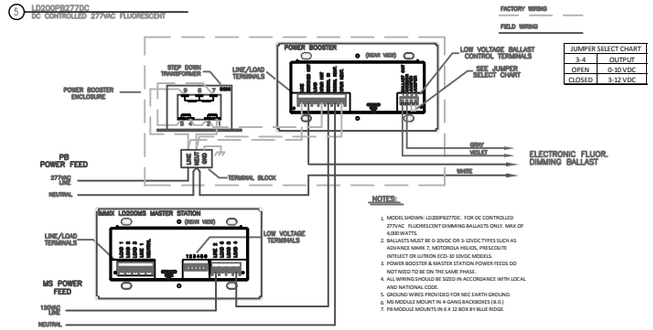


NOTES:

1. MODEL SHOWN: LD200PB120DC. FOR DC CONTROLLED 120VAC ELECTRONIC FLUORESCENT DIMMING BALLASTS ONLY. MAX OF 2,000 WATTS
2. BALLASTS MUST BE 0-10VDC OR 3-12VDC TYPES SUCH AS ADVANCE MARK 7, MOTOROLA HELIOS, PRESCOLITE INTELECT OR LUTRON ECO-10 10VDC MODELS.
3. POWER BOOSTER & MASTER STATION POWER FEEDS DO NOT NEED TO BE ON THE SAME PHASE.
4. ALL WIRING SHOULD BE SIZED IN ACCORDANCE WITH LOCAL AND NATIONAL CODE.
5. GROUND WIRES PROVIDED FOR NEC EARTH GROUND.
6. MS & PB MODULES MOUNT IN 4-GANG BACKBOXES (B.O.)

5 LD200PB277DC
DC CONTROLLED 277VAC FLUORESCENT

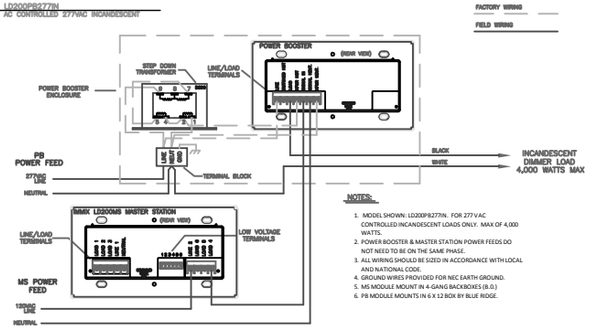
JUMPER SELECT CHART	
3-4	OUTPUT
OPEN	0-10 VDC
CLOSED	3-12 VDC



NOTES:

1. MODEL SHOWN: LD200PB277DC FOR DC CONTROLLED 277VAC FLUORESCENT DIMMING BALLASTS ONLY. MAX OF 4,000 WATTS.
2. BALLASTS MUST BE 0-10VDC OR 3-12VDC TYPES SUCH AS ADVANCE MARK 7, MOTOROLA HELIOS, PRESCOLITE INTELECT OR LUTRON ECO-10 10VDC MODELS.
3. POWER BOOSTER & MASTER STATION POWER FEEDS DO NOT NEED TO BE ON THE SAME PHASE.
4. ALL WIRING SHOULD BE SIZED IN ACCORDANCE WITH LOCAL AND NATIONAL CODE.
5. GROUND WIRES PROVIDED FOR NEC EARTH GROUND.
6. MS MODULE MOUNT IN 4-GANG BACKBOXES (B.O.)
7. PB MODULE MOUNTS IN 6 X 12 BOX BY BLUE RIDGE.

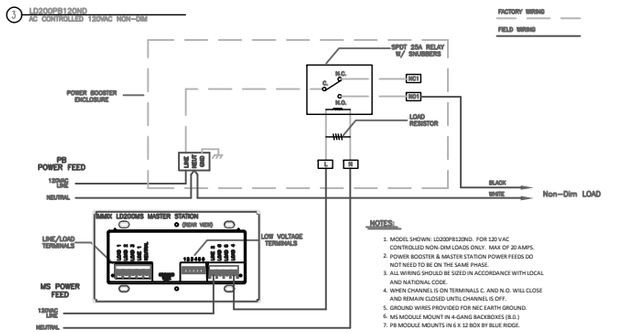
8 LD200PB277IN
AC CONTROLLED 277VAC INCANDESCENT



NOTES:

1. MODEL SHOWN: LD200PB277IN. FOR 277 VAC CONTROLLED INCANDESCENT LOADS ONLY. MAX OF 4,000 WATTS.
2. POWER BOOSTER & MASTER STATION POWER FEEDS DO NOT NEED TO BE ON THE SAME PHASE.
3. ALL WIRING SHOULD BE SIZED IN ACCORDANCE WITH LOCAL AND NATIONAL CODE.
4. GROUND WIRES PROVIDED FOR NEC EARTH GROUND.
5. MS MODULE MOUNT IN 4-GANG BACKBOXES (B.O.)
6. PB MODULE MOUNTS IN 6 X 12 BOX BY BLUE RIDGE.

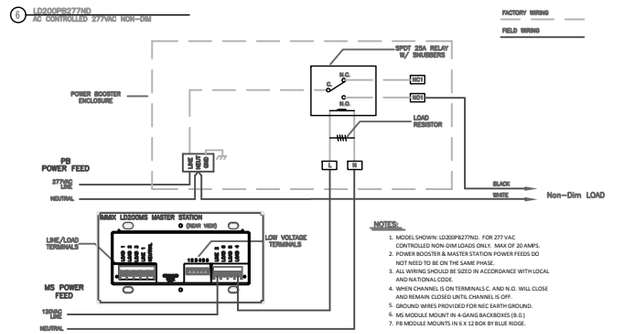
3 LD200PB120ND
AC CONTROLLED 120VAC NON-DIM



NOTES:

1. MODEL SHOWN: LD200PB120ND. FOR 120 VAC CONTROLLED NON-DIM LOADS ONLY. MAX OF 20 AMPS.
2. POWER BOOSTER & MASTER STATION POWER FEEDS DO NOT NEED TO BE ON THE SAME PHASE.
3. ALL WIRING SHOULD BE SIZED IN ACCORDANCE WITH LOCAL AND NATIONAL CODE.
4. WHEN CHANNEL IS ON TERMINALS C. AND N.O. WILL CLOSE AND REMAIN CLOSED UNTIL CHANNEL IS OFF.
5. GROUND WIRES PROVIDED FOR NEC EARTH GROUND.
6. MS MODULE MOUNT IN 4-GANG BACKBOXES (B.O.)
7. PB MODULE MOUNTS IN 6 X 12 BOX BY BLUE RIDGE.

6 LD200PB277ND
AC CONTROLLED 277VAC NON-DIM



NOTES:

1. MODEL SHOWN: LD200PB277ND. FOR 277 VAC CONTROLLED NON-DIM LOADS ONLY. MAX OF 20 AMPS.
2. POWER BOOSTER & MASTER STATION POWER FEEDS DO NOT NEED TO BE ON THE SAME PHASE.
3. ALL WIRING SHOULD BE SIZED IN ACCORDANCE WITH LOCAL AND NATIONAL CODE.
4. WHEN CHANNEL IS ON TERMINALS C. AND N.O. WILL CLOSE AND REMAIN CLOSED UNTIL CHANNEL IS OFF.
5. GROUND WIRES PROVIDED FOR NEC EARTH GROUND.
6. MS MODULE MOUNT IN 4-GANG BACKBOXES (B.O.)
7. PB MODULE MOUNTS IN 6 X 12 BOX BY BLUE RIDGE.

BLUERIDGE TECHNOLOGIES

1800 Sandy Plains Ind. Pkwy., Suite 216
Marietta, Georgia 30066
Ph: 770-790-4880 Fax: 770-790-4883
http://www.BRTINT.com

Product: POWER BOOSTER WIRING DIAGRAM

Engineered by: CCJ
Drawn by: CCJ
Checked by: RP

Date: 06/25/2010

Rev.	Date	By	Description

Sheet: IMMIX_POWER_BOOSTERS