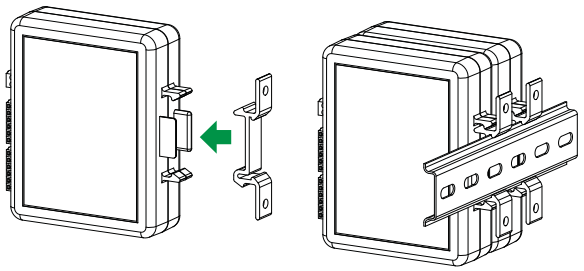
AGROWTEK
Technology to Help You Grow

QUICK START GUIDE
DXV4

Mounting the Module

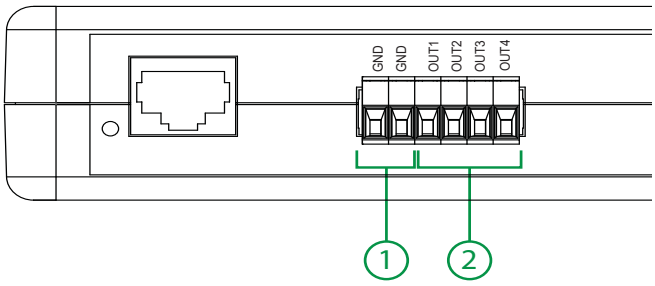
DX series modules are designed for DIN rail mounting in electrical control cabinets and should be enclosed due to the exposed terminal design. If DIN rail is not available, brackets include mounting holes for surface mounting.



Terminals

1. Common DC ground terminals for connections.

2. Sinking/Sourcing DC outputs for driving lighting dimming controls and other equipment with a 0-10Vdc analog control signal. Each channel is capable of driving up to 50 light fixtures (50mA max. per channel.)

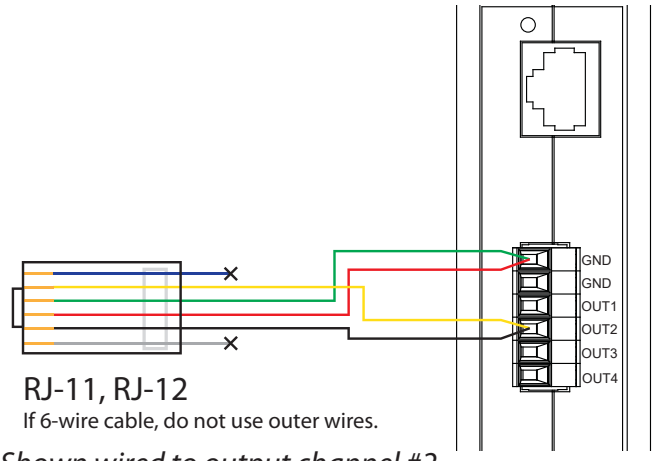


Connections

1. Connect ballast negative (-) dimming lead to GND.
2. Connect ballast positive (+) dimming lead to one of the four output channels (OUT1 - OUT 4.)

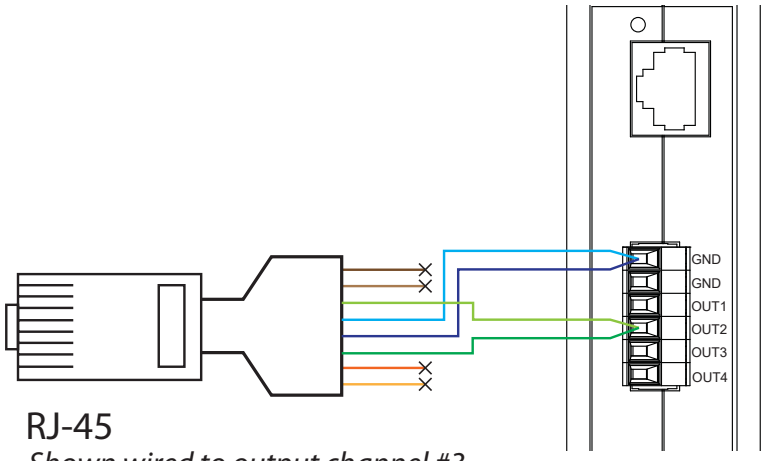
Typical connections for most industry standard fixtures are shown in the diagrams below.

⚠ **NOTICE: Perform connections with power disconnected from fixtures and with the RJ-45 connection removed.**



RJ-11, RJ-12
If 6-wire cable, do not use outer wires.

Shown wired to output channel #2.



RJ-45

Shown wired to output channel #3.

0-10V via RJ-12

Ballasts that use RJ12 or similar "phone" cord modular jack connections have a standard pin-out using the **center to pins** as DC- (GND) and the **two pins outside of the center pins** as DC+ (0-10V).

0-10V via RJ-45 (Gavita)

Gavita, and some other ballasts that use RJ45 connections, have the same standard pin-out as RJ-12/14 connectors utilizing the **center four pin connections**.

⚠ **COLORS & ORDER MAY VARY from those shown.**
Always confirm wiring and polarity are correct according to the fixture manufacturer's documentation.

NOTE: Be sure to set the light fixtures into their external dimming configuration (see operation manual.)