



Distributed Lighting Control and Automation

Installation and operating instruction INT-MIO-U6, INT-XB, INT-EO, INT-RS232 and INT-3PA



INT-XB, INT-EO, INT-RS232



INT-MIO-U6



INT-3PA

Description :

The INT series is a multi-purpose Powerline transceiver of the DimOnOff® Building automation series that allows interfacing between a wide variety of data acquisition instruments and communication devices (INT-MIO-U6, INT-XB, INT-EO, INT-RS232).

Some models (INT-3PA) allow transmitting, amplifying and repeating the information on three-phase systems. They also give the possibility to create bridges between different voltages and different power network separated by transformers.

The INT-3PA and INT-MIO-U6 models are assembled in standard junction box of 8"x8"x4", 12"x12"x4" or 18"x18"x4" depending of the model and the options provided.

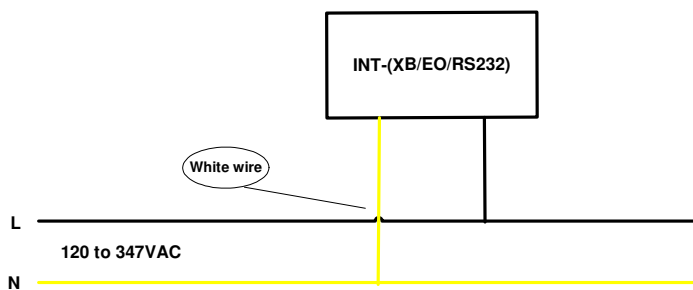
The INT-XB, INT-EO and INT-RS232 models are assembled in an ABS plastic box with a standard 4 ^{11/16}" x 4 ^{11/16}" cover for installation on an appropriately sized electrical junction box.

Operating specifications: See technical datasheet for specific information

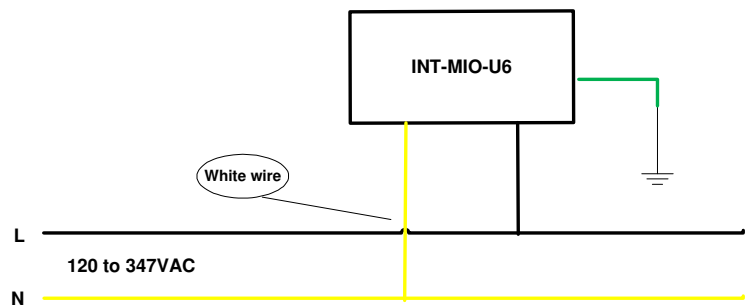
Wiring:

For INT-XB, INT-EO and INT-RS232 models:

- Disconnect power at the circuit breaker before installation.
- Install the proper junction box format.
- Identify the "Line" and "Neutral" wires.
- Connect the supply "Line" wire (L) to the Black lead of the unit.
- Connect the white lead of the unit together with the supply "Neutral" wire (N).
- Use screw wire connectors (Marette) for all connections. Check that all connections are tight and there is no exposed bare conductor.
- Place wires into the electrical box.
- Mount the unit on a 4 ^{11/16}" x 4 ^{11/16}" electrical junction box using proper screws (not included). Make sure that there is a proper grounding/bonding between the unit enclosure and the electrical box.
- Restore power.



INT-XB, INT-EO, INT-RS232



INT-MIO-U6

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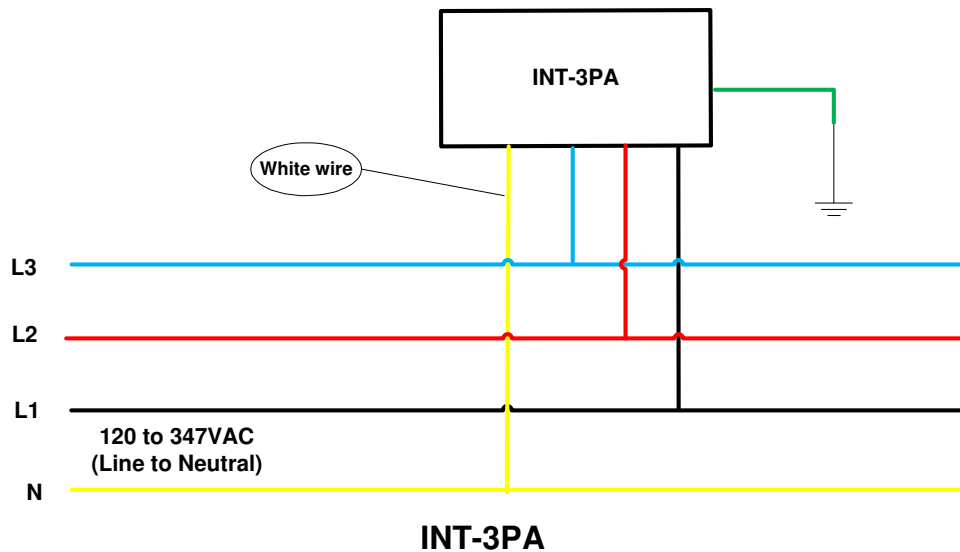
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For INT-MIO-U6 and INT-3PA models:

- Disconnect power at the circuit breaker before installation.
- For INT-3PA models, use a proper 3 phases breaker. Do not use this breaker to control any loads.
- Identify lines wires L1 (Phase A), L2 (Phase 2), L3 (Phase 3), the Neutral wire and the ground wire (GND). For INT-MIO-U6, you need only 1 phase.
- Remove the cover from the panel (junction box) of the unit.
- Attach the panel (junction box) to a proper surface using the mounting holes at the back of the panel.
- Connect L1, L2 and L3 to the fuse holder, or only L1 for the INT-MIO-U6. Connect the Neutral wire (N) and the ground wire (GND) to the white terminal identify with "N" and the "GND" symbol.
- Verify that all fuses are in place and close the fuse holder.
- Replace the cover of the panel.
- Restore power.



GENERAL CAUTIONS:

- All units must be mounted on a metallic junction box or on a metallic surface that has a proper grounding. It is the responsibility of the installer-user-electrical designer to verify and make sure that the proper grounding/bonding is available.
- All wiring must be done by a qualified electrician and conform to national electrical code.
- All connections must be done with power turned OFF.
- All units must be installed away from excessive heat source.

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