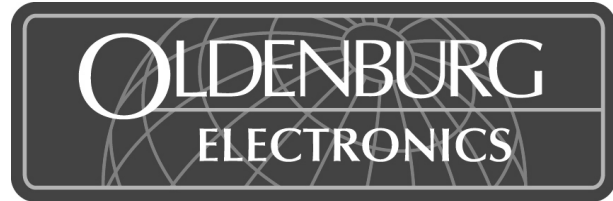


Installation Instructions

OE1002
Conduit Kit for
OE1001: LVPC Low-Voltage Control Interface



SAVE THESE INSTRUCTIONS

! WARNING !
Failure to follow these instructions may result in serious injury or death.

! WARNING !
To be installed ONLY by a qualified electrician.

! CAUTION !
DO NOT make any splice connections inside the end covers.

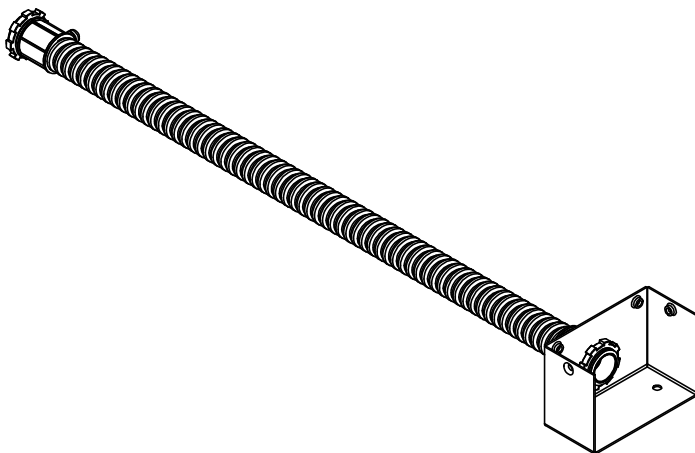
! CAUTION !
Refer to User Guide for LVPC Controller for connections to luminaire, controls, and branch circuit

! WARNING !
This device is for commercial and industrial use only.
Do not use for personal or residential applications.

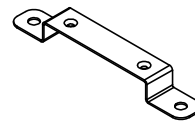
Product Description

The LVPC Conduit Kit provides a means to install the LVPC control interface without the need for a standard electrical "wiring" or "pull" type box. See sheet 4 for suggested installation configurations.

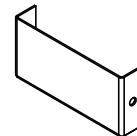
Kit Contents



End cover and conduit assembly (2 ea)



Mounting foot (2 ea)



End cover cap (2 ea)



#8 Hex-washer Type F screw (12 ea)

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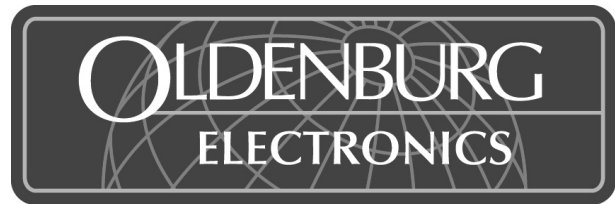
Date: 5/27/2014

Eng: CMG

Sheet: 1 of 4

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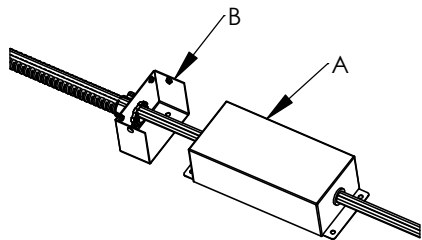


Installation

Step 1

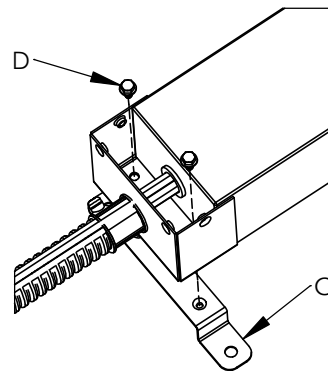
Pull leads exiting one side of the LVPC A through the end cover & conduit assembly B. Align the mounting holes of the LVPC case with the two clearance holes on the bottom surface of the end cover & conduit assembly.

NOTE: DO NOT MAKE ANY WIRE SPLICES INSIDE THE END COVER. The end cover is not a splicing compartment. All connections to wires exiting the LVPC should be made in a suitable electrical enclosure or fixture installed at the other end of the flexible conduit.



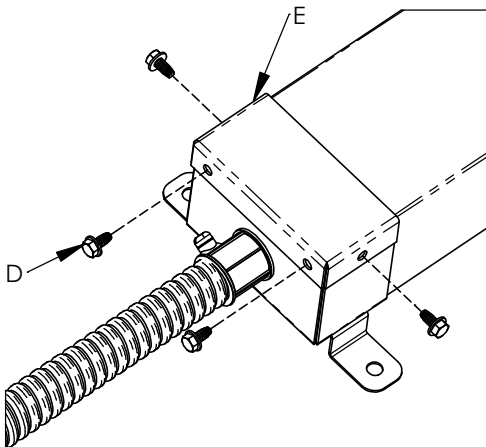
Step 2

Align mounting holes in LVPC case A with clearance holes in end cover & conduit assembly B and holes in mounting foot C. Using a 1/4" hex nut driver (preferred) or a flat-head screwdriver, install #8 self-threading screws D through the LVPC case and end cover & conduit assembly and into holes of mounting foot. The screws will tap their own threads into the extruded holes. Ensure the LVPC, end cover, and mounting foot are fastened together tightly.



Step 3

Snap end cover cap E over end cover, aligning holes in end cover cap with holes around open end of end cover. Using a 1/4" hex nut driver (preferred) or a slot-drive screwdriver, thread #8 self-threading screws D into each of the four extruded holes in end cover through the clearance holes in the end cover cap. Ensure the cap and end cover are assembled tightly.

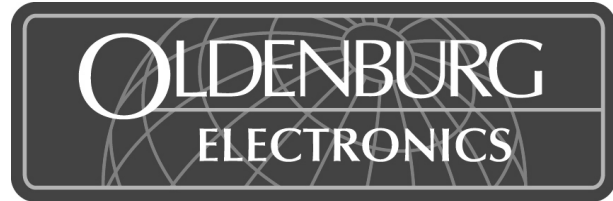


Step 4

Repeat steps 1 through 3 for the opposite side of the LVPC.

Installation Instructions

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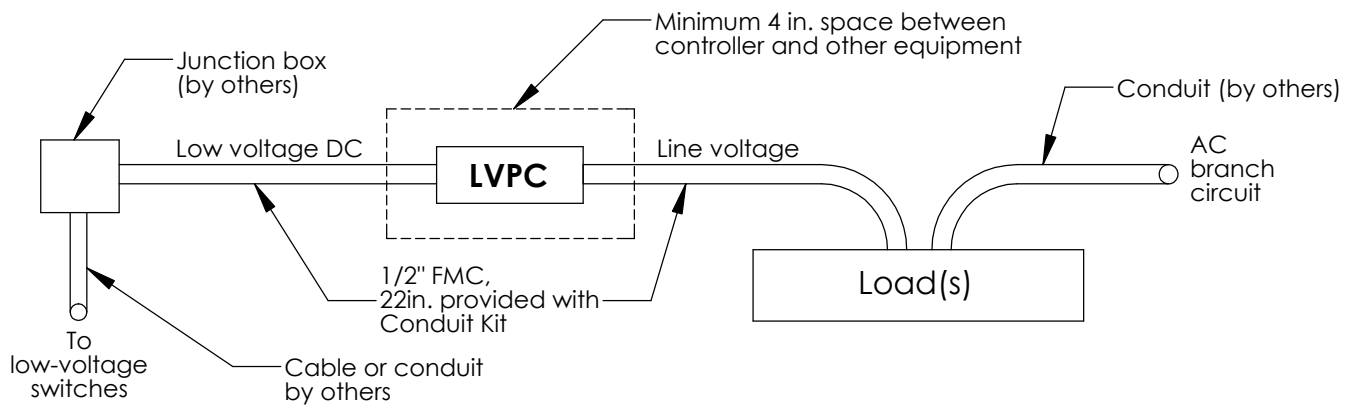
Sheet: 3 of 4

Mounting considerations:

The LVPC Conduit Kit is provided with 22in. of 1/2" trade size flexible metal conduit attached to each end of the controller. Each of these conduit "whips" is provided with a 1/2" trade size fitting on the free end.

With the conduit kit installed, the LVPC can be mounted within 1-2 feet of the load being controlled (see figure A below). In this configuration, the load's housing is used as the splice compartment to connect AC power to the controller. A junction box must be provided (by others) for splice connections between the LVPC's low-voltage control wires and the control switches.

Figure A

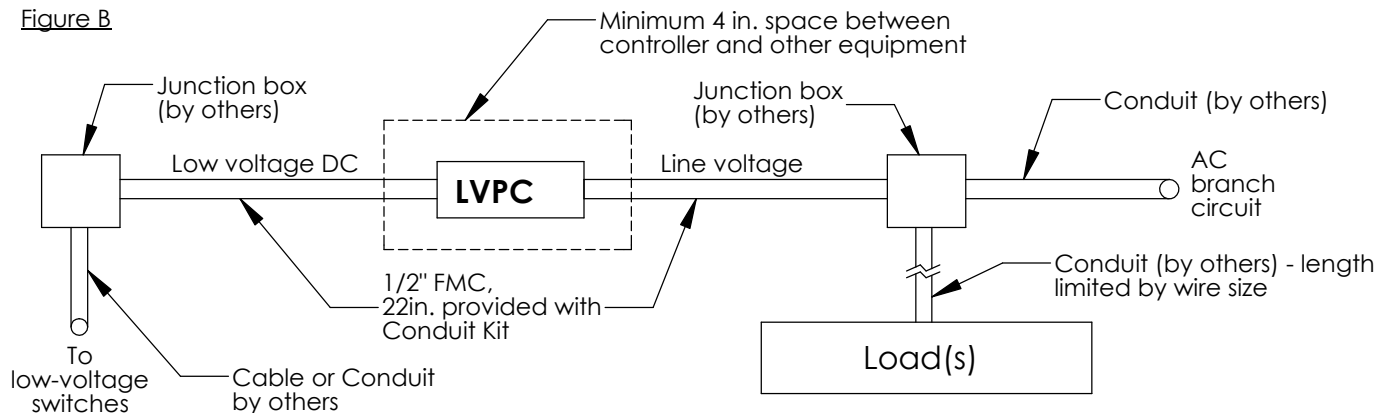


If the LVPC cannot be mounted within 1-2 feet of the load being controlled, see figure B below. In this configuration, a junction box (provided by others) is used to enclose splices between the AC branch circuit, the LVPC's high-voltage leads, and the load being controlled.

As with Figure A above, a junction box must be provided (by others) for splice connections between the low-voltage control wires and the control switches.

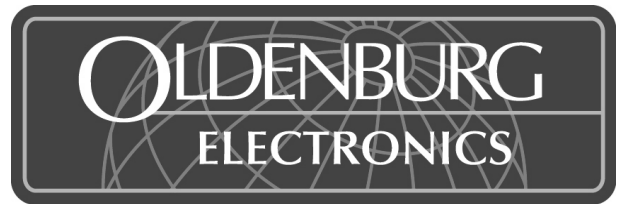
Figure B is the recommended configuration if more than one load is to be controlled by a single LVPC.

Figure B

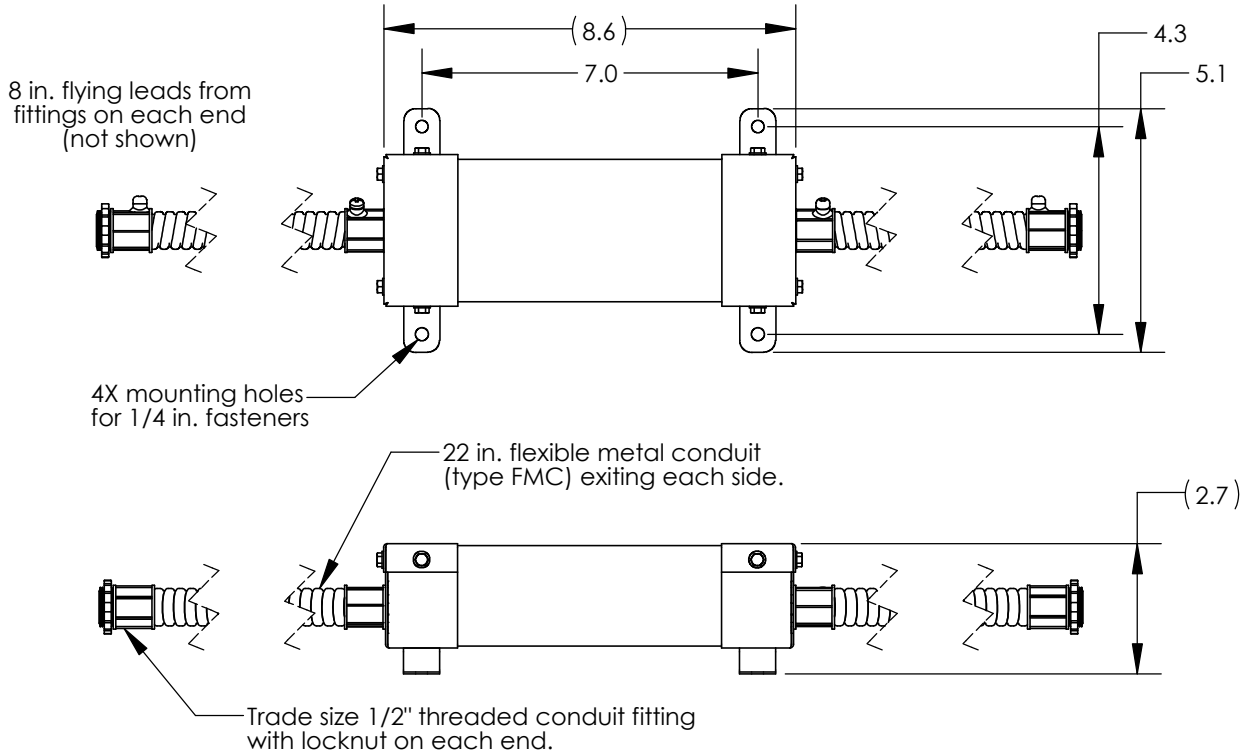


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Assembled external dimensions



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