

A200-DDC Installation Instructions

200 Series Instrument Lighting Controller

WARNING

This document provides instructions for the installation of the A200-DDC Instrument Lighting Controller Rev 1.0. Use of these instructions with any other product revision voids all warranty and certifications.

Functional Summary

The A200-DDC provides a common source lighting current for the 200 Series instrument LED backlight. A maximum of ten (10) instruments may be simultaneously connected to a single unit.

Physical Installation

1. Select a location on the panel for the installation of the controller. Ensure that it is easily accessible by the pilot.
2. Verify that there is sufficient clearance behind the panel to accommodate the unit and associated wiring.
3. Drill a ¼" hole in the selected location.
4. Install the nameplate legend.
5. Insert the controller from the rear of the panel.
6. Install the supplied washer and securing nut.
7. Install the control knob.

Electrical Connection

The controller has a red/blue/black twisted wiring bundle that exits the controller. These wires may be trimmed to the desired length.

Connect the wiring as follows:

1. Black to aircraft ground (panel ground point is acceptable)
2. Red to aircraft power through a breaker or combined breaker that has a minimum of 250mA of available current. The controller is internally fused for protection.
3. Blue to all blue wires from the instruments that have been installed. The interconnection of the blue wire is to be in accordance with installation schematic # S200-DDC-INST as supplied with the instrument.

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