PLC Accessories

Data Sheet

DA-4

4 CHANNEL DIMMING AMPLIFIER
For Lighting Controller

PROJECT	
LOCATION	

APPLICATIONS

- *Churches*
- *Offices*
- *Retail Outlets*
- *Schools*
- *Restaurants*
- *Warehouses*

FEATURES

- *0-10V buffer amplifier with current sinking capability designed for 0-10V electronic dimming ballasts*
- *50mA sink current per channel*
- *Independent four channel outputs*
- *Override dip - switches for full ON (maximum brightness) ballast test mode*
- *24VDC Power LED indicator*
- *Voltage supply on both sides of DA-4 unit*
- *Capable of dimming up to 50 ballasts per channel*
- *Individual screw connection*
- *2 year warranty*

DESCRIPTION

The PLC DA-4 is a four channel dimming amplifier which works in conjunction with our small, medium and large LP controllers. The DA-4 is used mainly for offices and warehouses that requires dimming of any fluorescent, electronic, 0-10V dimming ballasts and also HID electronic dimming ballasts.

The DA-4 has a bypass capability and can force the output to go high (10V). Each channel is configured to automatically follow the input voltage. The DA-4 can be mounted on a DIN rail in any orientation. It is equipped with a DIN rail release for easy installation.

The DA-4 receives a 0-10VDC input voltage that is converted to a maximum output source current of 50mA per channel. Four DA-4 modules are suited for our small and medium LP controller. Six DA-4 modules are the maximum capacity for our large LP controller.

The DA-4 has a green indicator LED that signals that the dimming amplifier is powered on. Typically the DA-4 is used with our lighting control panels that have been specifically designed for 0-10V electronic dimming applications. See back side for a schematic of the connections.

If you have any questions, please call us toll-free at 1-866-998-5483
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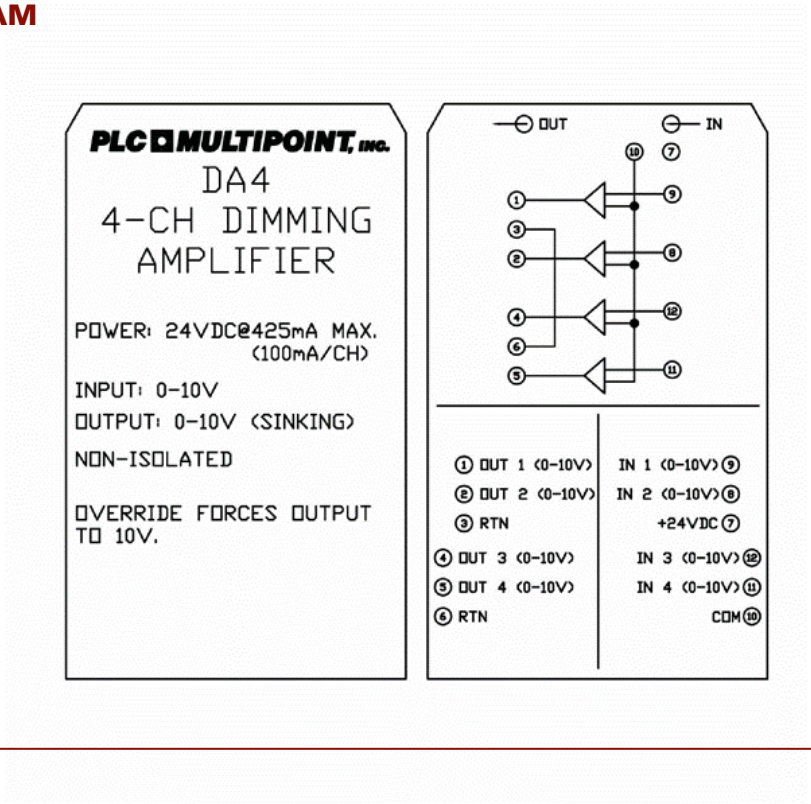
TECHNICAL DATA - DA-4

Operating Voltage	*24VDC*
Input Voltage:	*0-10 VDC*
Input Resistance:	*> = 500k Ohms*
Maximum input current:	*< 1mA*
Output Voltage:	*0-10V*
Max output source current:	*50mA per channel*
Configuration:	*Independent four channel outputs*
Wire size:	*22AWG*
Operating Temperature Range:	*-20° to + 55°C*

ONE-LINE DIAGRAM



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