


	PART No.	DESCRIPTION	SPECIFICATION
	<p>DLS-22000-120 DLS-24500-277</p>	<ul style="list-style-type: none"> • 2 channel x 2000 W Dimmer or switch pack • Dimmer or switch selection with adjustable Switch level • Universal dimmers for LED, Fluorescent, Low-Voltage Transformers • 120VAC or 277VAC • Suitable for dimming Triac dimmable LED & CFL Bulbs 	<p>Heavy-Duty Outputs, Dims 2 x 16 AMP loads</p> <p>(2 dimmers x 2000W @120VAC).</p> <p>Active DC component protection for inductive loads</p> <p>Suitable for inductive Loads at Full Rating</p> <p>0-10V analog lighting controllers compatible</p>

Features

- Designed for Architectural dimming from standard 0-10V wall dimmers or controllers
- Use with Dialog WDB-3314

Operation

Enclosure Installation Surface mount the dimmer pack in a well ventilated area where the ambient temperature does not exceed 104° F for full load operation. Allow 2" of side clearance for proper air circulation and servicing. Installation clearance shall meet local and/or NEC code requirements. Enclosures may be attached to the wall or other mounting surface by holes in the heat sink flanges. Refer to the drawings below (FIGURE 3) for the correct dimensions. Conduit shall be pulled to the top of the dimmer packs.

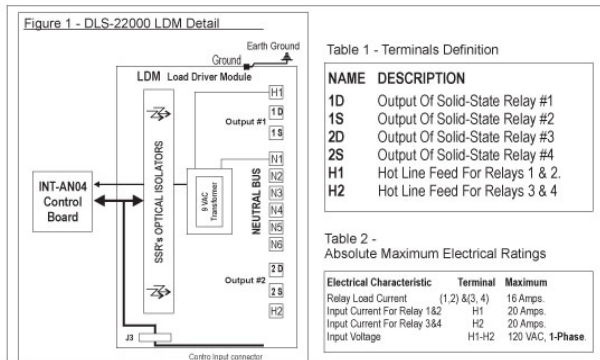


Table 1 - Terminals Definition

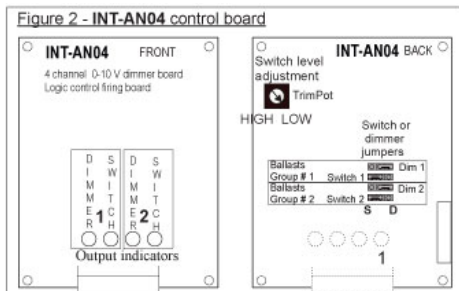
NAME	DESCRIPTION
1D	Output Of Solid-State Relay #1
1S	Output Of Solid-State Relay #2
2D	Output Of Solid-State Relay #3
2S	Output Of Solid-State Relay #4
H1	Hot Line Feed For Relays 1 & 2.
H2	Hot Line Feed For Relays 3 & 4

Table 2 - Absolute Maximum Electrical Ratings

Electrical Characteristic	Terminal	Maximum
Relay Load Current	(1, 2) & (3, 4)	16 Amps
Input Current For Relay 1&2	H1	20 Amps
Input Current For Relay 3&4	H2	20 Amps
Input Voltage	H1-H2	120 VAC, 1-Phase

DIMENSIONS & MOUNTING

- Compact Size, 11.75" H x 8.30" W x 4.12" D
- Wall-Mount aluminum enclosure



Each channel of the DLS-22000 Has a dimmer and a switch output combination to connect to 3 wire Fluorescent dimming ballasts. Channel # 1 uses outputs 1 as a dimmer and 2 as a switch both controlled by the same 0-10V signal. Channel # 2 uses outputs 3 as a dimmer and 4 as a switch both controlled by the same 0-10V signal. Switching Voltage level (Power OFF) could be set from 0-10 V with the Trim Pot.

Preliminary data subject to change without notice

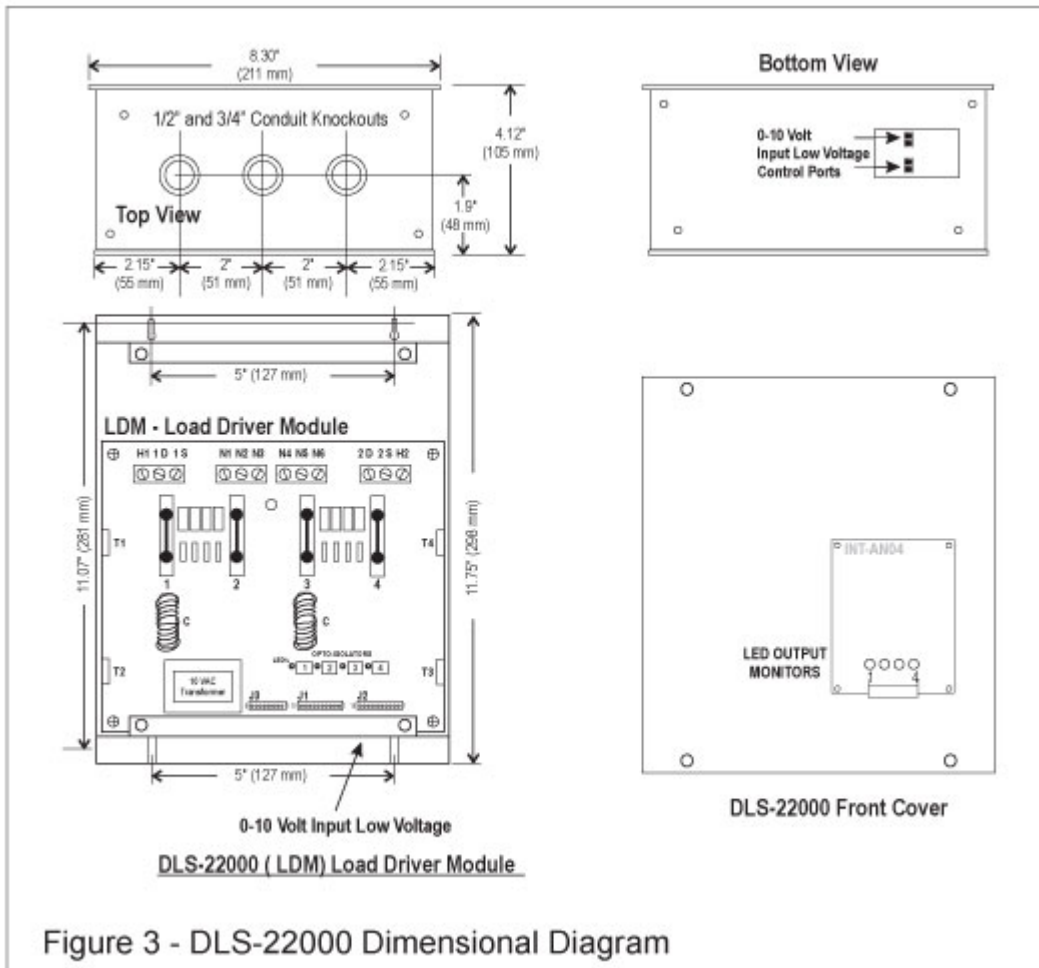
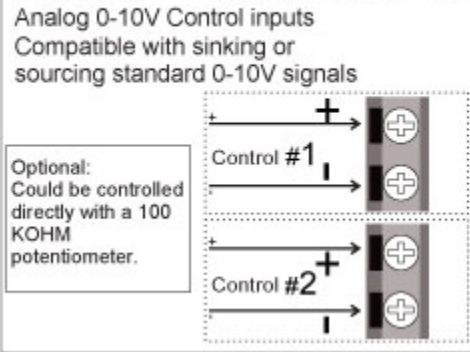


Figure 3 - DLS-22000 Dimensional Diagram

Figure 4 - DLS-22000 Typical Control Wiring.



Wiring notes

- Do not exceed 1920W (16 Amps.) per each dimmer @ 120 VAC.
- All wiring from control dimmers is low voltage (NEMA Class 2)
- DLS-22000 dimmer packs may be bed by one or two 20A (maximum) Branch circuits and may have up to two separately dimmed loads.
- Both breakers must be on the same power phase.
- CAUTION: DO NOT attempt to parallel outputs to increase capacity.
- Installations must conform to local and/or NEC code requirements.
- Each load must have it's own Neutral wire for full load operation.
- All line voltage wires must have copper conductors of adequate Gauge with 90° wire insulations.
- POWER EACH LOAD DIRECTLY BEFORE CONNTECING IT TO THE DLS-22000 TO ENSURE PROPER WIRING

Figure 5 - DLS-22000 Typical 120 VAC (for 3 wire dimmable ballasts) Wiring.

