

bds Brentwood Display Services Inc.

Lighting Control Slave Module (LCSM)

Part Number 622118-501 – 2 Lamp

Part Number 622118-504 – 4 Lamp

Part Number 622118-500 – PWB Only

The Lighting Control Slave Module (LCSM) is a halogen lamp level controller designed to work in conjunction with the Lamp Control Master Module (LCMM). The LCSM will drive either 2 or 4 - 12 Volt, 50 W halogen lamps and will provide lamp status information back to the LCMM. The LCSM provides up to 32 levels of brightness using zero crossing, phase controlled dimming circuits. Each LCSM is individually addressable from 1 to 63. LED Indicators are provided to show the desired primary and secondary lamp level and the status of the primary and secondary lamps.

SPECIFICATIONS

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|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Operating Temperature Range | -40 to +74 C |
| Operating Humidity range | 5 to 95% non-condensing. |
| Address Range | 1 to 63, binary dip switch. |
| NEMA Tested for Surge & Power Interruption (with Model 1 power supply) | Yes - Passed |
| NEMA Tested for Mechanical Shock & Vibration | Yes - Passed |
| Lamp Levels | 32, including lamps off |
| LED indicators: | Primary and Secondary Lamp Level (2 LED's) Primary and Secondary Lamp Status (2 LED's) |
| Voltage Requirement | 120 VAC @ 140 VA (2-Lamp), 60 Hz or 120 VAC @ 280 VA (4-Lamp), 60 Hz |
| Re-Calibration Period | None |
| Conformal Coating | Complies with MIL-1-46058C Type SR |
| PWB Material Rating | G3 CSA / UL approved. |
| Copper | 1 Oz Plated to 2 Oz |
| Dimensions | PCB -- Approximately 4.875" W by 7.125" L Chassis – 5.125" W x 15.875" L x 3.5" D 10 lbs. Shipping Weight |
| Logic level Inter Board connector type: | Gold Plated Ribbon Cable types, with ejectors. |

Specifications subject to change without notice.