

# DLP 31XX Series

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## Data Line Protection: 31XX Series



The DLP-3131/3132/3132-10 family is a modular, OEM or retrofit solution for protecting instrumentation typically found in control cabinets. This series is commonly used at sites where equipment protection must always be present, and where the typical “one size fits all” protector is not optimum. Comprised of a hardwired motherboard assembly which utilizes our versatile DLM4 protection modules, a broad range of applications are covered. The DLM4 modules are offered with several different protection circuits to most effectively protect the critical equipment, and are field replaceable in seconds. Motherboards are also mounting track compatible so they can easily be retrofitted or designed into these systems, as well as surface mounted.

## Specifications

**DLP-3131** (motherboard assembly): Uses a single, 4-wire, DLM4 protection module

**Number of wires protected:** 4 wires (2 pairs)

**Dimensions (with module):** 4”L x 1.65”W x 2.2”D (Note: Depth does not include standoffs)

**Wire Gauge Range:** 14-30 AWG

**DLP-3132** (motherboard assembly): Uses up to two, 4-wire, DLM4 protection modules

**Number of wires protected:** 8 wires (4 pairs)

**Dimensions (with module):** 4”L x 2.25”W x 2.2”D (Note: Depth does not include standoffs)

**Wire Gauge Range:** 14-30 AWG

**DLP-3132-10** (motherboard assembly): Uses up to two, 4-wire, DLM4 protection modules

**Number of wires protected:** 8 wires (4 pairs)

**Dimensions (with module):** 4”L x 2.75”W x 2.2”D (Note: Depth does not include standoffs)

**Wire Gauge Range:** 10-24 AWG

### All models:

**Module Jack Type:** Card Edge Connector with Polarizing Key

**Connections:** Cage Clamp Terminal Blocks (no wire terminals required)

**Ground Connection:** 6-32 circuit board screw terminal

**Module Compatibility:** Uses any DLM4-xxxx modules

**Certifications:** UL497B Recognized Component, UL497A Listed (fused models)

### Ordering Example:

Application calls for a 8-wire protector for RS485 and uses 10AWG field wiring:

Order one DLP-3132-10 motherboard assembly and two DLM4-6V2 modules.

Note: If you are protecting equipment at both ends of the wire run, use two DLP-3132-10 motherboards and four DLM4-6V2 modules. Contact MCG for application assistance at 1-800-851-1808.