

E-PLEX 366HMM Series

Hexa Multi Module



Introduction

The E-Plex® 366HMM is a six channel DC power distribution module capable of handling loads of up to 15A per channel or 50A total. The six channels can be utilized as either inputs, outputs, or a combination of both. Two channels may be combined in order to handle larger amperage loads.

The 366HMM incorporates thermal, short circuit, and programmable overload protection in order to safeguard the module against very rare or severe conditions. Local electronic override capabilities allow independent operation of the device loads.

In addition, the 366HMM design allows for the ability to utilize up to two channels as dimmer circuits, providing a flexible solution for lighting without requiring additional external dimming hardware.

Key Features

- 6 channels with outputs capable to 15 amps each (50 amps total)
- 2 channels with PWM dimming capabilities
- Reverse battery protected
- Status LED's for each channel
- Thermal, short circuit, and programmable overload protection
- Local electronic override capabilities
- Designed for motor loads
- LEN value 2

Design Specifications

- Shock: Mil Std 202 Method 213 test condition 1
- Vibration: Tested to Lloyds Register Approval Vibration Test 2
- Transient voltage suppression: EN6100-6-1
- Moisture resistance: IP66
- PCB characteristics: UL94V-0
- Power distribution: UL 1077 compliant (except high-voltage dielectric test)
- Ignition protection: UL 1500 compliant
- Salt spray: Tested to Lloyds Register Approval Salt Spray Test
- Operating Temperature: -40°C to 60°C
- Storage Temperature: -40°C to 85°C
- Operating Humidity: 0% to 100% (condensing)
- Weight: 1.34 lb (610g)

