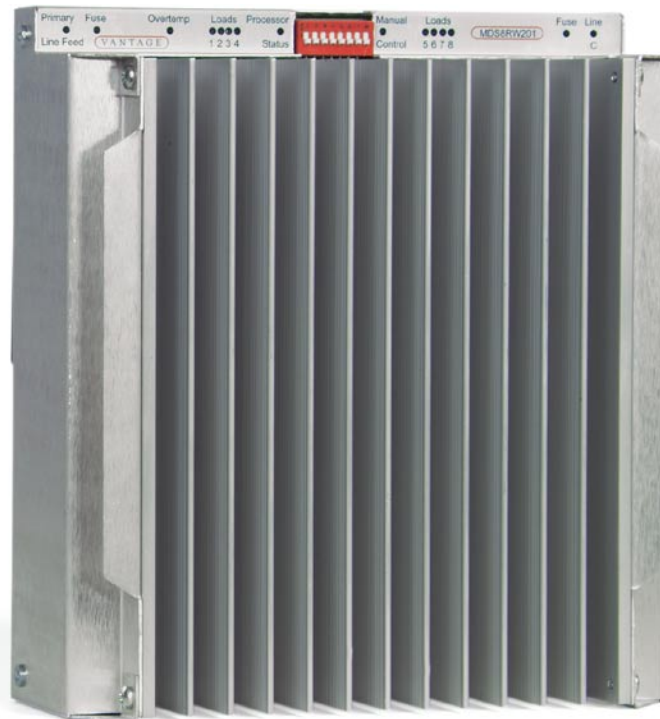


# STANDARD DIMMER MODULE

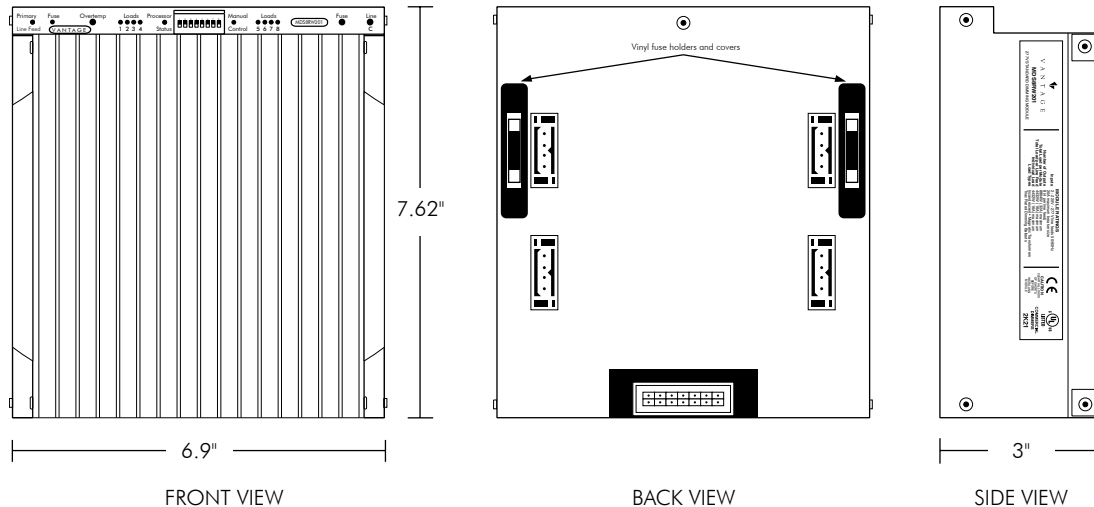


The Vantage Standard Dimmer Module controls dimmable loads including incandescent, some fluorescent lighting, magnetic low voltage, some electronic low voltage, neon, cold cathode and variable speed motors. With its eight-load, 40-amp capacity, this module provides smooth dimming over long fade times.

Fuse protected line feeds safeguard the module from shorted loads. In the event of a short, the module would remain intact and only the included fuse would need to be replaced. Additionally, each module is self powered which allows connected lights to stay lit even if the Master Controller is removed.

Each module is designed to easily plug into a Vantage enclosure. All AC wiring is terminated into screw terminal connectors behind the module fitting in the enclosure. This feature allows the Standard Dimmer Module to quickly clip into place after the building has been finished, eliminating the potential for damage during construction.

- Features a plug-and-play design
- Plugs into terminal boards located inside the enclosure
- Includes fuses on the line feeds to protect the module and two additional spare fuses
- Dims fluorescent lighting, magnetic and electronic low voltage, neon, cold cathode and more
- Eliminates the need for field wiring to the module
- Enables step free ramping and dimming
- Displays the operating and fuse status with LED indicators
- Protects against thermal overload
- Features a self-powered design for uninterrupted lighting during servicing
- Offers load by load selectable override control
- Allows manual overrides to be programmed to any dim level



## SPECIFICATIONS

### Dimensions, HWD

7.62" x 6.9" x 3.38"  
193.54mm x 175.26mm x 85.85mm

### General Specifications

Models	MDS8RW101/201
Weight	5.2 lbs (2.36 kg)
Voltage	120V-60/50Hz, *220-277V ~ 60/50Hz
Maximum Amperage per Module	32A (3840W @ 120V), 32A(8864W @ 277V), *32A(7680W @ 240V)
Maximum Individual Load Amperage	16A (1920W @ 120V), 16A(4432W @ 277V) *16A (3840W @ 240V)
Maximum Line Feeds	2 @ 20A (maximum) breakers
Maximum Loads	8
Ambient Operating Temperature	0-40° C (32-104° F)
Ambient Operating Humidity	5-95% noncondensing
Cooling	Convection, 36-inch frontal clearance required
Built-in Protection	MOV surge, thermal shutdown, short circuit
Lightening/Surge Protection	High Voltage meets IEEE C62.41 (6000V & 3000A) Low Voltage meets IEU-T K.20
Chokes	8 EMI suppression
Manual Override	Load by load selectable and programmable to any level
Status Indicators	<ul style="list-style-type: none"> <li>• Line feed power</li> <li>• Load power</li> <li>• Microprocessor status</li> <li>• Fuse integrity</li> <li>• Over temperature</li> <li>• Manual control</li> </ul>
UL and CUL Listed	Yes

### Load Types

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Incandescent</li> <li>• Eco-10 dimming fluorescent ballast</li> <li>• Non-dimmable fluorescent (relay mode only)</li> <li>• Some magnetic low voltage</li> </ul> | <ul style="list-style-type: none"> <li>• Some electronic low voltage</li> <li>• Neon, cold (relay mode only)</li> <li>• Constant-speed motors (relay mode only)</li> </ul> |
|---|--|



VANTAGE™

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