



GENERAL INFORMATION

The Low Wattage Dimmer Module is a single, plug-in dimmer for use in the Sensor and Unison DR Series dimming racks. The Low Wattage Module provides cost-effective dimming of low wattage circuits of incandescent, low voltage and dimmable fluorescents. The Low Wattage Fluorescent Dimmer Module dims 3-wire fluorescent dimming ballasts. The design features high-density modular assembly, tool free insertion and removal, fully magnetic and fully rated circuit breakers and electronic low-end set controls via rack control module.

APPLICATIONS Low wattage, incandescent lighting
 Low wattage, low voltage with dimmable transformer
 Linear fluorescent lighting with dimming ballast
 Compact fluorescent lighting with dimming ballast

FEATURES High-density modular assembly
 Tool-free insertion and removal
 Fully magnetic circuit breakers
 Electronic low-end set controls
 UL and cUL LISTED

GENERAL Best for loads of 300 watts or less
 Not for Neon or Cold Cathode loads

ORDERING INFORMATION

100-120 Volt Modules

Model#	Description
L10	Dual 10A universal module – 100, 120V
L10F	Single 10A fluorescent module – 100, 120V

Compatible Systems

Model#	Description
UNISON	
DR6	Unison 6 module rack*
DR12	Unison12 module rack*
SENSOR	
SR6	6 module installation Rack
SR12	12 module installation Rack
SR24	24 module installation Rack
SR48	48 module installation Rack
SR6AF	6 module advanced Features installation rack
SR12AF	12 module advanced Features installation rack
SR24AF	24 module advanced Features installation rack
SR48AF	48 module advanced Features installation rack

* Racks available in 100, 120, 230, and 277 Volt



Low Wattage Dimmer Module

Special Purpose Series

SPECIFICATIONS

PHYSICAL	<p>Low Wattage Dimmer modules are single, plug-in modules, for use in Unison DR series and Sensor dimming racks</p> <p>Cast aluminum chassis, finished with textured epoxy paint</p> <p>Keyed to prevent insertion in inappropriately rated rack positions</p>
CIRCUIT BREAKERS	<p>Fully magnetic to eliminate nuisance tripping</p> <p>Fault Current Rating: 10,000 AIC rating - 100-120 Volt 14,000 AIC rating - 277 Volt</p>
RATINGS	<p>Module rating - 10amp continuous</p> <p>Modules shall withstand "hot-patching" of cold incandescent loads up to full rating</p>
POWER DEVICE	<p>Sealed assembly</p> <p>Field replaceable with screwdriver</p> <p>One control over-current LED per circuit</p> <p>4000V isolation between control and power components</p> <p>Integral bonded heatsink</p> <p>Integral temperature sensor</p>

PHYSICAL

Module Weights

Model	Weight		Shipping Weight	
	lbs	kgs	lbs	kgs
L10	2.55	1.16	3.25	1.47
L10F	2.55	1.16	3.25	1.47

Maximum BTU Production per module

Model	BTUs	Watts	Efficiency
L10	<10	<4	>99.0%
L10F	<10	<4	>99.0%

These values should be provided to a qualified HVAC design engineer, along with dimmer quantities, types and dimmer room dimensions, to calculate dimmer room air handling requirements.



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