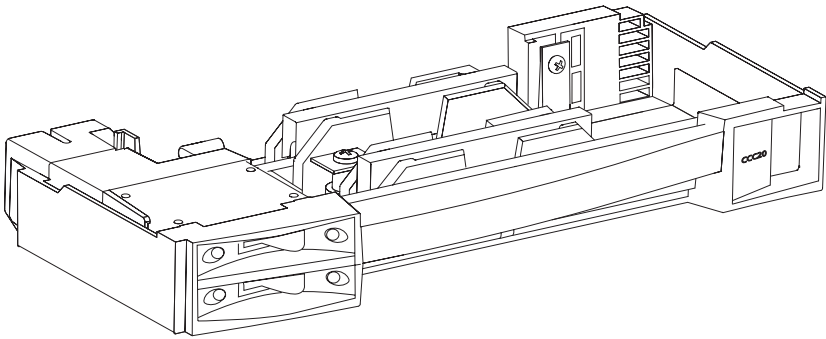




100V 120V

Special Purpose Series



GENERAL INFORMATION

The Constant Current Module is a dual, plug-in assembly for use in Unison Dimming Series enclosures. The Constant Current module distributes power with overcurrent protection from the dimmer rack enclosure to non-dimmed loads, typically motors, backup and emergency systems or auxiliary power distribution panels.

APPLICATIONS

- Designed for use in 100-120V Unison DRd rack enclosures
- Motors
- Backup and Emergency systems
- Auxiliary power distribution panels
- Does not respond to control signals

FEATURES

- Two 1.8kW or 2.4kW circuits per module
- High-density modular assembly
- Die-cast aluminum chassis
- Fully magnetic circuit breakers

GENERAL

- 100,000A Short Circuit Current Rating (SCCR)
- UL and cUL LISTED

ORDERING INFORMATION

100-120 Volt Constant Current Modules

MODEL	DESCRIPTION
CC15	Dual 15A Constant Current Module
CC20	Dual 20A Constant Current Module

Compatible Systems\*

MODEL	DESCRIPTION
DRd6-12-120	100-120V 6 module rack enclosure (12 circuits)
DRd12-24-120	100-120V 12 module rack enclosure (24 circuits)

\*Rack enclosures also available for 230CE, 240 and 277 Volt applications



## SPECIFICATIONS

## GENERAL

- Dual density, plug in modules, for use in Unison Dimming Series rack enclosures
- UL and cUL Listed for continuous duty at 100% of rated load
  - CC15 – 1.8kW
  - CC20 – 2.4kW
- Does not respond to control signals

## PHYSICAL

- Modular plug-in assemblies
- Cast aluminum chassis, finished with textured epoxy paint

## CIRCUIT BREAKERS

- Fully magnetic to eliminate nuisance tripping
- 20x inrush current rating
- 125%, 10-120 seconds, must-trip rating
- Rated for 100% switching duty applications

## ELECTRICAL RATINGS

- 100,000A Short Circuit Current Rating (SCCR)
- Replaceable fuse for short circuit protection and fault current coordination
- UL and cUL LISTED

## EFFICIENCY

- Efficiency is >99%

## PHYSICAL

## Module Dimensions

MODEL	HEIGHT		WIDTH		DEPTH	
	inches	mm	inches	mm	inches	mm
CC15	1.5	38	11.8	300	4.9	124
CC20	1.5	38	11.8	300	4.9	124

## Module Weights

MODEL	WEIGHT		SHIPPING WEIGHT	
	lbs	kgs	lbs	kgs
CC15	2.1	1.1	4.0	1.8
CC20	2.1	1.1	4.0	1.8

## Maximum BTU Production per module

MODEL	BTUS	WATTS	EFFICIENCY
CC15/CC20	<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.

Dimmer room HVAC systems must at all times maintain the specified ambient temperature **at the dimmer rack**. Dimming systems operating within 10°F of the upper or lower temperature limits must strictly follow installation and operation guidelines to operate reliably.



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Unison® products protected by one or more of the following: U.S. Patent No. 5,323,088, 6,849,943, and 5,352,958; European Patent No. 0603333; German Patent No. 69203609;