

GENERAL INFORMATION

Constant Circuit breaker modules distribute overcurrent protected power from the dimmer rack to non-dimmed loads, typically motors, backup and emergency systems, or auxiliary power distribution panels.

APPLICATIONS All Sensor® Racks and Packs
Motors

Backup and Emergency systems
Auxiliary power distribution panels

FEATURES Die-cast aluminum chassis
Tool-free installation and removal
Fully magnetic circuit breakers
100% duty cycle at full rating
Breakers will not derate over product life cycle
UL and cUL listed

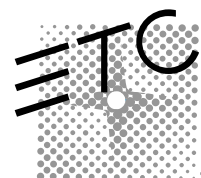
ORDERING INFORMATION

Constant Current Modules

Model#	Description
CC15	Dual 15A Breakers
CC20	Dual 20A Breakers
CC50	Single 50A Breaker
CC100	Single 100A Breaker (two slot module)

Compatible Systems

Model#	Description
Sensor Dimming Racks	
SR6	6 slot Installation Rack
SR12	12 slot Installation Rack
SR24	24 slot Installation Rack
SR48	48 slot Installation Rack
SR6AF	6 slot Advanced Features Installation Rack
SR12AF	12 slot Advanced Features Installation Rack
SR24AF	24 slot Advanced Features Installation Rack
SR48AF	48 slot Advanced Features Installation Rack
Sensor Portable Packs	
SP6	6 slot Portable Pack with MPE module
SP12	12 slot Portable Pack with MPE module
SP6AF	6 slot Advanced Features Portable Pack with CEM module
SP12AF	12 slot Advanced Features Portable Pack with CEM module
Sensor Touring Racks	
SP24	24 slot Touring Rack
SR36	36 slot Touring Rack
SR48	48 slot Touring Rack



Constant Circuit Modules

Special Purpose Series

SPECIFICATIONS

DIMMER MODULES	Dimmers are UL and cUL listed for continuous duty at 100% of rated load CC15 – 1.8kW CC20 – 2.4kW CC50 – 6.0kW CC100–12.0kW
PHYSICAL	CC modules are plug-in, and may be replaced without tools Cast aluminum chassis, finished with textured epoxy paint Keyed to prevent insertion in inappropriately rated rack positions
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	10k AIC rating
EFFICIENCY	Efficiency is >99%

PHYSICAL

Module Weights

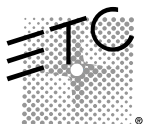
Model	Weight		Shipping Weight	
	lbs	kgs	lbs	kgs
CC15	2.1	1.0	4.0	1.8
CC20	2.2	1.0	4.1	1.8
CC50	2.3	1.0	4.2	1.9
CC100	2.4	1.1	4.3	1.9

Maximum BTU Production per module

Model	BTUs	Watts	Efficiency
All	>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.



Electronic Theatre Controls

International • 3030 Laura Lane, P.O. Box 620979, Middleton, WI 53562-0979 • Tel: (+1) 608 831 4116 • Fax: (+1) 608 836 1736 • Toll free: 800 688 4116 • Toll free fax: 800 555 8912

Europe • 5 Victoria Industrial Estate, Victoria Road, London W3 6UU • Tel: +44 (0)20 8896 1000 • Fax: +44 (0)20 8896 2000

Asia • Room 605-606, Tower III Enterprise Square • 9 Sheung Yuet Road, Kowloon Bay • Kowloon, Hong Kong • Tel: (+852) 2799 1220 • Fax: (+852) 2799 9325

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Sensor® products protected by U.S. Patent Numbers: 5,323,088, 5,352,958, and 6,002,563 European Number: 0603333 German Number: 69203609, US and International Patents Pending