

# SOLID STATE CURRENT VALVES (SCR)

## APPLICATIONS:

The CCM series current valves are solid state time proportioned control for commercial constant-resistance electric heat loads. Available in a variety of voltages and currents.

Open frame units are CSA approved for panel mounted applications only.

See installation instructions for wiring and mounting details.

## SPECIFICATIONS:

Control signal (electric)	4 – 20mA, 0 – 135 Ω
Control signal (pneumatic)	21 – 103 kPa (3 - 15 psi)
Operating voltage	200 – 600 VAC, 50/60 Hz
Control voltage	CCM110/130 Series requires 24 VAC, others are line-powered
Operating temperature	0°C to 40°C (32°F to 104°F)
Operating humidity	5% to 85% R.H.
Ambient storage temperature	-20°C to 60°C (-4°F to 140°F)
Ambient storage humidity	5% to 85% R.H.
Manufacturing process	ISO-9002 Certified
Certification	CSA approved

## PRODUCT INFORMATION

ELECTRIC	PNEUMATIC	DESCRIPTION	DIMENSIONS (LxWxH)
CCM210E045	CCM210P045	45 amp, 1 Phase	215 mm (8.5") x 165 mm (6.5") x 160 mm (6.3")
CCM210S045	N/A	45 amp, 1 Phase, Slave	215 mm (8.5") x 165 mm (6.5") x 160 mm (6.3")
CCM310E105	CCM310P105	105 amp, 1 Phase	422 mm (16.6") x 226 mm (8.9") x 202 mm (8")
CCM310E180	CCM310P180	180 amp, 1 Phase	479 mm (18.9") x 383 mm (15.1") x 251 mm
CCM110E015	CCM110P015	15 amp, 1 Phase, Open Frame	165 mm (6.5") x 165 mm (6.5") x 115 mm (4.5")
CCM110E030	CCM110P030	30 amp, 1 Phase, Open Frame	165 mm (6.5") x 165 mm (6.5") x 115 mm (4.5")
CCM230E040	CCM230P040	40 amp, 3 Phase	215 mm (8.5") x 165 mm (6.5") x 160 mm (6.3")
CCM230E070	CCM230P070	70 amp, 3 Phase	215 mm (8.5") x 165 mm (6.5") x 160 mm (6.3")
CCM330E125	CCM330P125	125 amp, 3 Phase	512 mm (20.2") x 226 mm (8.9") x 251 mm (9.9")
CCM330E155	CCM330P155	155 amp, 3 Phase	479 mm (18.9") x 383 mm (15.1") x 251 mm
CCM130E015	CCM130P015	15 amp, 3 Phase, Open Frame	165 mm (6.5") x 165 mm (6.5") x 115 mm (4.5")
CCM130E030	CCM130P030	30 amp, 3 Phase, Open Frame	165 mm (6.5") x 165 mm (6.5") x 115 mm (4.5")
CCM130E040	CCM130P040	40 amp, 3 Phase, Open Frame	216 mm (8.5") x 165 mm (6.5") x 130 mm (5.1")
CCM130E070	CCM130P070	70 amp, 3 Phase, Open Frame	216 mm (8.5") x 165 mm (6.5") x 130 mm (5.1")
CCM340E040	CCM340P040	40 amp, 3 Phase, 4 wire	502 mm (19.8") x 168 mm (6.6") x 178 mm (7")
CCM340E060	CCM340P060	60 amp, 3 Phase, 4 wire	512 mm (20.2") x 226 mm (8.9") x 202 mm (8")
CCM340E140	CCM340P140	140 amp, 3 Phase, 4 wire	479 mm (18.9") x 383 mm (15.1") x 251 mm

Greystone Energy Systems Inc. reserves the right to make design modifications without prior notice.



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Greystone Energy Systems Inc., established in 1983, is Canada's largest manufacturer of HVAC sensors and transducers for Building Automation Management Systems. We have conscientiously established a worldwide reputation as an industry leader by maintaining leading-edge design technology, prompt technical support, and a commitment to on-time deliveries. We take pride in our Quality Management System which is ISO 9002 certified, assuring our customers of consistent product reliability.