

Crydom Solid State Relays (SSRs) are widely used in the heating industry. By specifying the Random Turn-on versions, Crydom SSR's can be used as proportional controllers for varying power to resistance type heaters. Applied in a more basic way, when used in conjunction with "on-off" style temperature controllers, Crydom SSRs can be used as a power cycling switch without concern for contact arcing, burning, or the resultant reduction of life expectancy.

With the wide range of SSR types available, Crydom relays can be selected and used to control Quartz lamp, ceramic, infrared, CalRod, cartridge, immersion, strip, and band type heaters among many others. In addition, SSR's can control fuel valves, blower motors, damper motors, and serve as the interface between thermostats and their primary equipment.

The Crydom MCTC Series of micro-controlled SSR/temperature controllers can be used as a stand alone temperature controller where a compact, low cost solution is required. The MCTC eliminates the need for a separate controller and SSR assemblies, by combining both into one standard size SSR package.

Related Product Families

CX, CXE

SCR output • 5Amp • 240, 380, 480 Vrms - AC Switching • SIP mount • AC/DC control • Ideal for replacing electromechanical relays.

PE

SCR output • 10 Amp with convection air • 25 Amp with forced air • 240/380/480 Vrms • AC Switching • SIP mount • Integrated heatsink.

CW24

SCR output • 10-125Amp • 120/240 Vrms • AC Switching • AC/DC control • Finger-proof cover • Snubber and snubberless versions • Status indicating LED • Improved thermal ratings and lower power dissipation.

A12/D24

SCR output • 10-90Amp • 120/240 Vrms • AC Switching • AC/DC control • Crydom's signature relay family also know as the Series 1 product family.

53TP

SCR output • 25-50Amp • 48-530 Vrms • 3 Phase • Status indicator LED • AC/DC control • Ideal for 3-phase loads in a Delta or Wye configuration where only one control signal is required.

CKR24

SCR output • 10-30Amp • 24-280 Vrms • AC Switching • AC/DC control • 22.5 mm slim package • Integrated heatsink • LED status indicator • Box clamp terminals.

CMR

SCR output • 35-65Amp • 240/480/660 Vrms • AC/DC Control • AC Switching • Integrated heatsink • LED status indicator • Box clamp terminals.

MCPC

25-90Amp - 120/480 Vac - AC OUTPUT

MCTC

25-90Amp - 120/480 Vac - AC OUTPUT.

RPC

SCR output • 15-40Amp • 120/240/480 Vrms • AC proportional output • 500K or 1M ohm potentiometer control.



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