

Temperature Control

Crydom Solid State Relays (SSRs) are widely used in temperature control systems. They are primarily used to switch motors, heaters, and valves in industrial and domestic heating systems, industrial and domestic air conditioning systems, refrigeration units, food heating systems, and aircraft heating and air conditioning systems.

When Random Turn-on Crydom SSR's are utilized for phase angle controlling, more accurate control of resistance heaters can result.

The Crydom MC series of all-in-one microprocessor controlled / power SSR modules, direct temperature sensing and control can be accomplished by one product using the Crydom MCTC product line.

In addition, the Crydom MCPC proportional control/SSR module and the MCBC burst control/SSR module offers an alternative method of controlling resistance heating for closed loop control, or for users that already have sensing available.

Related Product Families

MCTC

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

MCPC

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

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.

A12/D24

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

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.

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.

HD/HA

SCR output • 12-90Amp • 48-530 Vrms • AC Switching • AC/DC control • 1200 Vpk blocking voltage capability.

D1D/D2D/D4D/D5D

MOSFET output • 7-40Amp • 100/200/400/500 VDC models • DC Switching • DC control • Easily paralleled for high current, high voltage applications.

CX, CXE

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

CMX

MOSFET output • 3-10Amp • 0-60, 0-100, 0-200 VDC • DC Switching • SIP mount • DC control • Extra low on-state resistance.

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