



“COOL ONE” 3 PHASE DIN and PANEL MOUNT Solid State Relay Assembly (SSR)



DIN Mount



PANEL Mount

Anacon's "Cool One" heat sink design is by far one of the most unique ideas to come along in quite some time. "Cool One" works better!

Standard "COOL ONE" Features:

- All Anacon SSR Assemblies use relays tested to UL508A SCCR standards.
- Current Ratings from 0.1A to 30A/Leg
- Zero Cross Relays
- Output voltages from 24Vac to 600Vac
- Standard DC or AC Control Versions
- Standard LED Status Indicator
- Regulated Inputs - Back to Back SCR Design
- Standard Relays, UL/cUL Recognized, TUV Approved & CE Compliant Versions
- Built-In Touch Safe Cover
- For Safety & Noise Immunity Compliance information, see page ____.

SPECIFICATIONS

PART NUMBER	INPUT RANGE	LOAD CURRENT (Amps AC)	LINE VOLTAGE (VAC)	OPERATING FEATURES	TRANSIENT VOLTAGE
APC3030	4-32Vdc	.1A to 30A/Lea @ 40 Dearees C Ambient	48-600Vac	Zero Cross	1200V Peak
APC3031-1	18-36Vac	.1A to 30A/Lea @ 40 Dearees C Ambient	48-600Vac	Zero Cross	1200V Peak
APC3031-2	90-140Vsc	.1A to 30A/Leg @ 40 Degrees C Ambient	48-600Vac	Zero Cross	1200V Peak
APC3031-3	180-260Vac	.1A to 30A/Lea @ 40 Dearees C Ambient	48-600Vac	Zero Cross	1200V Peak
APC3030P	4-32Vdc	.1A to 30A/Lea @ 40 Dearees C Ambient	48-600Vac	Zero Cross	1200V Peak
APC3031-1P	18-36Vac	.1A to 30A/Lea @ 40 Dearees C Ambient	48-600Vac	Zero Cross	1200V Peak
APC3031-2P	90-140Vsc	.1A to 30A/Lea @ 40 Dearees C Ambient	48-600Vac	Zero Cross	1200V Peak
APC3031-3P	180-260Vac	.1A to 30A/Lea @ 40 Dearees C Ambient	48-600Vac	Zero Cross	1200V Peak

Notes:

- "P" suffix denotes Panel Mount version.
- Ratings based upon 100% duty cycle for 20 minutes or 80% duty cycle continuous.
- Ratings based upon relays being mounted either individually or side by side with zero spacing.
- Cool One's unique construction allows better performance than conventional heat sink designs even when mounted side by side.

MECHANICAL DRAWINGS

THERMAL CURVE

