



It Takes The Hit So Your Business Doesn't

Power disturbances damage air conditioner compressors without warning.

Let the Compressor Defender™ take the hit so your customers' air conditioners are never interrupted. The all-in-one Compressor Defender device protects compressors and circuit boards in residential and light commercial air conditioning applications from brownouts, surges, and short cycles.

It helps grow your business's profitability and solidify customer relationships by reducing:

- Nuisance callbacks
- Unnecessary service calls
- System component out-of-warranty costs

**One 10-minute installation saves compressors
and revitalizes your bottom line**



CD1-024R

Protect Your Residential and Light Commercial Compressors

- Surge, brownout, and short cycle protection with 120, 208, and 240 VAC loads
- LED indicators provide real-time diagnostics for quick and easy troubleshooting
- For use inside condensing units or externally on disconnects
- Complies with ANSI/AHRI Standard 110-2012 Range B² for voltage drop protection
- Auto-sense voltage technology 120-240 VAC universal input voltage
- Meets ANSI/UL 1449 3rd edition requirements

Ratings

Input Voltage:	120 to 240 VAC Single Phase 60Hz
Thermostat Relay:	Normally Closed Relay, 24 VAC
SPD Type:	Type 2 SPD
Control Output Current Rating:	2A @ 24 VAC, isolated N.C. contact
Max Continuous Overvoltage (MCOV):	L-N/G: 150V, L-L: 300V
Voltage Protection Rating (VPR):	L-N/G: 700, L-L:1200
Nominal Discharge Rating:	In (10kA)
SCCR (Short Circuit Current Rating):	20kA
Undervoltage Response Time:	3 line cycles
Short Cycle Delay:	3 min
Operating Temp:	-40°F to 158°F (-40°C to 70°C)
Enclosure:	Type 3 Outdoor
Product Warranty:	Limited 3 year
Connected Equipment Warranty:	3 year/\$7,500

Typical Wiring Applications

