

RCHW HARDWIRED

Surge Suppressors

With Flush Mount Kit

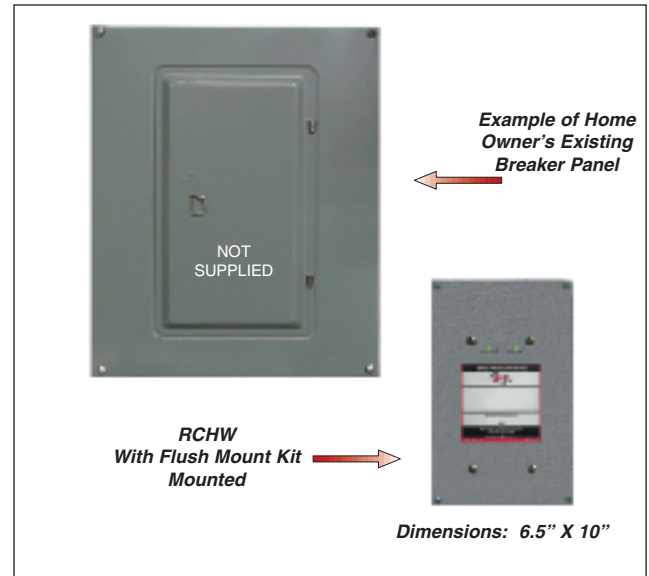
UL Listed TVSS Device

Model: RCHW-120SP-L1-FMK
RCHW-120SP-L2-FMK

The RCHW hardwired surge protective devices are specifically designed for applications in residential, commercial and light industrial environments. These units provide superior control over transients by delivering low clamping voltages combined with high surge energy (40kA/mode) handling capability.

All RCHW hardwired models are UL and CUL listed as either secondary surge arrestors or 1449 TVSS devices. They provide an excellent application alternative to meter-based protectors, making them an ideal product for inclusion in Utility Power Quality Programs.

Specification Sheet



PRODUCT APPLICATION

First Stage Surge Protection

(residential & light commercial/industrial)

For Category C (service entrance) Applications

Designed for 400Amp AC Service

Ideal Protection for AC Motor Driven Applications

Interior or Exterior Installation

Configured for 120/240 Volt Split Phase Installation

Excellent Alternative to Meter-Based Protection

PRODUCT FEATURES

UL Listed: Secondary Surge Suppressor & TVSS

Green 1000 MCD LEDs, Visible in Bright Sunlight
Monitor Protection Status

10 Year Warranty

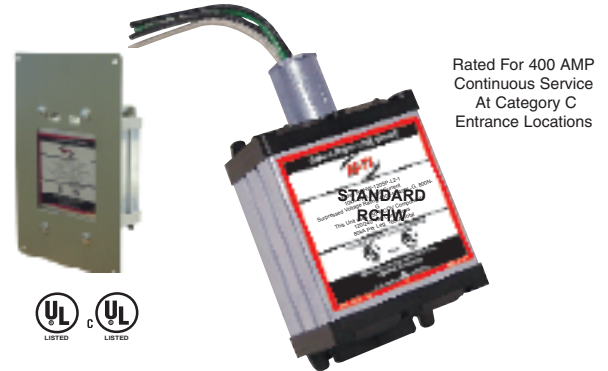
High Energy Withstand (40kA/phase, 80kA per unit)

High MCOV

Coordinated Safety & Thermal Fusing

Solid State 40mm MOV Suppression Components

UL Listed Heavy Duty Metallic Enclosure



PRODUCT SPECIFICATIONS

Electrical:

Applied Voltage: 120/240 Vac

MCOV: 132 Volts, phase to ground
150 Volt MCOV component used

Protects: Each phase to neutral-ground

Surge Current Ratings: Model-L1=40kA per Phase
Model-L2=80kA per Phase
(based upon 8/20 μ s waveform)

Clamp Voltage: 400 volts, (L-G) UL 1449, 2nd Edition

Fault Current: 10kA rms symmetrical

TVSS Unit: Has, per UL 1449 2nd Edition, 2 black (phase) wires, 1 white (neutral) wire and 1 green (ground) wire with clamp
Voltage ratings of: L-N 400V, L-G 400V, N-G 800V and L-L 800V.



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