

# 3Ø RCHW HARDENED

## Surge Protective Devices

### Secondary Surge Arrestors

**Models:** RCHW-1203-L1 or L2  
RCHW-2403-L1 or L2  
RCHW-2773-L1 or L2  
RCHW-4803-L1 or L2

The **3 Phase RCHW** hardwired surge protective devices are specifically designed for applications in commercial, industrial & remote environments. These units provide superior control over transients by delivering low clamping voltages combined with high surge energy handling capability.

*Note: Single & Split phase models also available*

# Preliminary Specification Sheet



Rated For IEEE  
Category C  
Service Locations

## PRODUCT APPLICATION

*First Stage Surge Protection Applications  
(commercial and industrial)*

*For Category C (service entrance) Applications*

*Designed for AC Service >400Amp*

*Ideal protection for AC Motor Driven Applications*

*Interior or Exterior Installation*

*Configured for 3 Phase Applications*

## PRODUCT FEATURES

*Red 1000 MCD LEDs, Visible in Bright Sunlight  
Monitor Protection Status*

*Solid State 40mm MOV Suppression Components*

*High Energy Withstand (L1 Models = 40kA/phase)  
(L2 Models = 75kA/phase)*

*High MCOV*

*Coordinated Safety & Thermal Fusing*

*UL Listed Heavy Duty Metallic Enclosure*

*Silica Sand Filled*

*10 Year Warranty*

*Dry Contact Option Available*

## PRODUCT SPECIFICATIONS

### Electrical:

*Applied Voltage(s):* 120/208 Vac 3Ø Wye  
240 Vac 3Ø Delta  
277/480 Vac 3Ø Wye  
480 3Ø Vac Delta

*MCOV:* 150 - 550 Volts, depending on application,  
phase to ground

*Protects:* Each phase to neutral-ground

*Surge Current Ratings* (based upon 8/20µs waveform):  
L1 = 40kA/Leg, L2 = 75kA/leg

*Clamp Voltage:* RCHW-1203-L1 or L2 = 400 Volts  
RCHW-2403-L1 or L2 = 800 Volts  
RCHW-2773-L1 or L2 = 800 Volts  
RCHW-4803-L1 or L2 = 1500 Volts

*Fault Current:* 25kA rms symmetrical

### Mechanical:

*Weight:* 4.25 pounds

*Dimensions:* 8" x 7.25" x 2.875"

*Lead Length of Wires:* 18"

*Enclosure:* NEMA 1, 2, 3, 3X, 4, 12 and 13 rated

*End Caps:* Zytel (UL 94-5V Flame Rated)  
(Aluminum Reinforced)

*Color:* Mill finish aluminum



## Meter-Treater, Inc.

Represented Since 1989 By:

Michael Gibson

CareBase

PO Box 2987

Glenwood Springs, CO 81602

Tel: (970) 945-2770

Fax: (970) 945-2546

E-Mail: michael.gibson@carebase.com

Internet: www.carebase.com