

CMV

40/80/160 kA Per Mode



Medium Voltage AC Power Panel Units / Secondary Arrester



Key Features

- "All Mode" Circuitry: Connected Protection Elements in "All Modes" (6 modes for 3 phase Delta circuits) as recommend by IEEE Std. 1100-2005
• 7 Year Free Arrester Replacement Warranty
• Circuit Encapsulation
• Individual Equipment protection
• ISO 9001 Manufactured Quality

The SSI Industrial Grade, Medium Voltage Secondary Arrester SPD models are specifically designed for heavy duty applications including: Chemical & Pharmaceutical Plants, Waste & H2O Treatment Facilities, Mining, Petroleum & Oil Refineries as well as other Large Scale, Automated, Heavy Commercial or Industrial Manufacturing Production Lines.

Protected Modes: Directly connected / Bidirectional, (Normal & Common Mode) suppression componentry, All modes protected

Technology: Field proven, Multi-parallelized, Thermally Fused solid-state, Bipolar, Auto-restoring, MOV suppression arrays

Withstand: High Energy Exposure ANSI/IEEE C62.41.1 & C62.42.2-2002 Category C High 10 kA Location/Category Rating

Connection Means: (Non-Fused Option) 5 ft (60 in) of #6 AWG, 7.5 kV cable, (Fused Option) Non external copper lugs capable of holding up to #0 wire. 4 conductors: LA, LB, LC & Ground

Mechanical Interface: 1-1/2" diameter threaded hub & external mounting flanges

Environmental: NEMA 4X, Composite

Standard Size: Sized determined by options ordered.

Peak Surge Capacity: 40 kA/Mode

80 kA/Mode

160 kA/Mode

Frequency: 47 - 420 Hz (60 Hz typical)

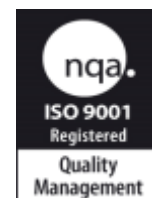
Interrupt Means: 5 Amp Cooper Bussman 7.2 AMWN A5.0E line fusing required; (see model Installation Instructions)

Applications: Multiple ANSI/IEEE C62.41.2 Location (Category A, B & C) & high energy suppression uses

Temperature Range: -40° C to +80° C; (-40° F to +176° F)

% RH : 0 - 100 % (non-condensing)

Manufacturer Qualifications: ISO-9001 NQA QMS



Model Number x = 40/80/160	Nominal Operating Voltages	Maximum Continuous Operating Voltage
CMVx3N1000	Up to 1,000 Vrms	1,300 Vrms
CMVx3N1500	Up to 1,500 Vrms	1,850 Vrms
CMVx3N2000	Up to 2,000 Vrms	2,550 Vrms
CMVx3N2500	Up to 2,500 Vrms	3,000 Vrms
CMVx3N3000	Up to 3,000 Vrms	3,750 Vrms
CMVx3N3500	Up to 3,500 Vrms	4,550 Vrms
CMVx3N4160	Up to 4,160 Vrms	5,200 Vrms
CMVx3N7200	Up to 7,200 Vrms	9,520 Vrms

Note: WYE versions also available.

Options
E26 = Mounting Assembly for Fused Unit
FX = Fused Module
FX1 = Fused module with Clear Lid
FXL = CMV Fusing Module and LED indicators

E26  
Fused Assembly

