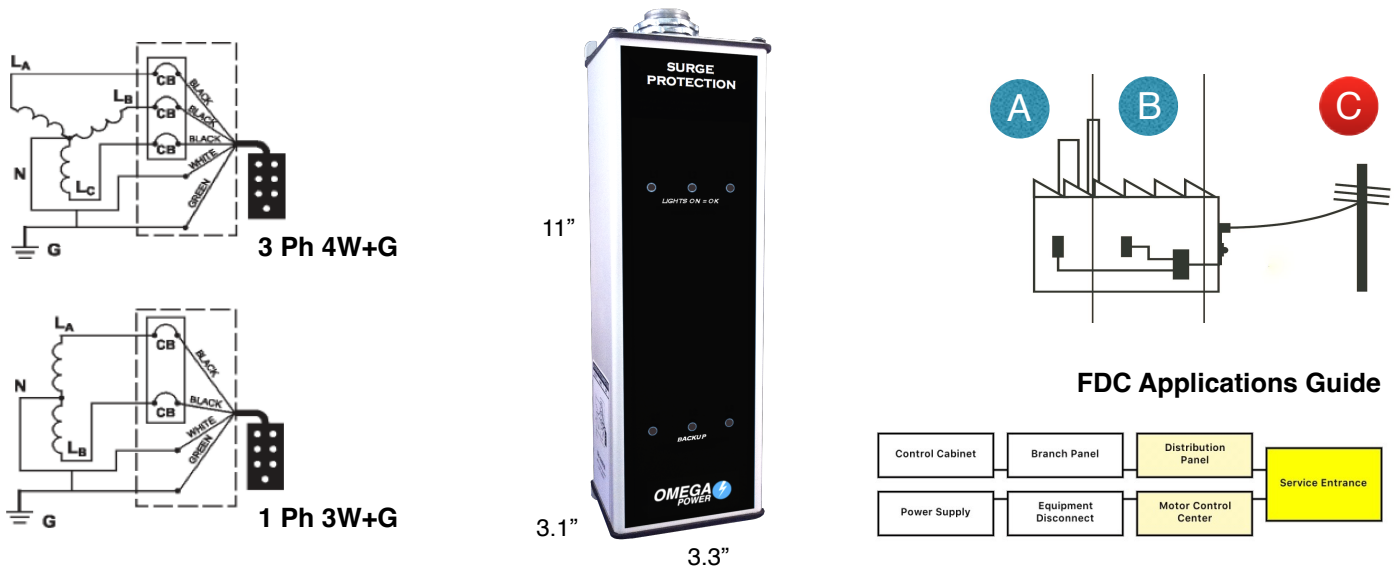


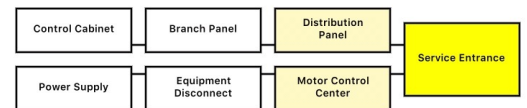
Patented Frequency Triggered Technology is at the heart of this premium COMPACT suppressor. Engineered to provide durability and long life, even under the most adverse conditions.

UL1449 edition 5.0 Type 1. Type 1 means the FDC does not need external fusing or a breaker. All models have the option to be installed in either Type 1 or Type 2 locations (with or without a breaker) in accordance with NEC. NEMA-4 enclosure makes it ideal for both indoor and outdoor applications.

Applications: High Exposure Switchgear; Main Service Panels; Distribution Panels; Large Equipment Disconnects; Motor Control Centers (MCC); Automatic Transfer Switches (ATS)...



### FDC Applications Guide



Model	FDC S12C	FDC Y12C	FDC D12C	FDC Y24C
Nominal System Voltage, $U_n$	120/240 V	120/208 V	120/240 V (High Leg Delta)	277/480 V
Distribution System	1Ph 3W+G	3 Ph 4W+G	3 Ph 4W+G	3 Ph 4W+G
MCOV	170/276 VAC	170/276 VAC	170/276 VAC	320/550 VAC
Max Discharge Current, $I(\max)$	200 kA 8/20 $\mu$ s	200 kA 8/20 $\mu$ s	200 kA 8/20 $\mu$ s	200 kA 8/20 $\mu$ s
Nominal Discharge Current ( $I_n$ ), IEC	40 kA 8/20 $\mu$ s	40 kA 8/20 $\mu$ s	40 kA 8/20 $\mu$ s	40 kA 8/20 $\mu$ s
Protection Modes	ALL MODES	ALL MODES	ALL MODES	ALL MODES
Limiting Voltage Measured ( $V_p$ )	L-N 800 V @ 3 kA	L-N 800 V @ 3 kA	L-N 800 V @ 3 kA	L-N 1.2 kV @ 3kA
Short Circuit Current Rating	200 kAIC	200 kAIC	200 kAIC	200 kAIC
Status	LED status indication per phase, all modes monitored			
Dimensions	279x78x84 mm, (11x3.07x3.31 inches) 2.04 kg, (4.5 lbs.)			
Enclosure	Aluminum, IP 65 (NEMA-4)			
Connection	900 mm (30" of # 10 AWG) flying leads			
Mounting	3/4" straight nipple, mounting brackets top and bottom, Optional Flush Mounting Plate for Drywall			
Temperature	-40°C to 80°C (-40°F to 176°F)			
Approvals	UL® 1449 Listed Edition 5.0 (Type 1), CE, IEC 6143-1			