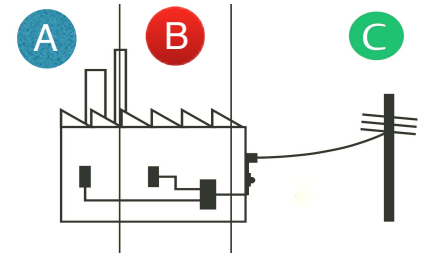
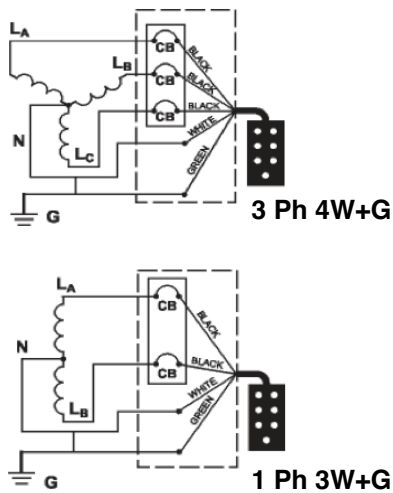


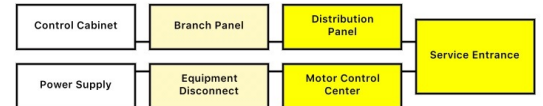
Patented Frequency Triggered Technology is at the heart of this premium COMPACT suppressor. Engineered to provide durability and long life, even under the most adverse conditions.

UL1449 edition 5.0 Type 1. Type 1 means the FDB 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 and Branch Panels; Large Equipment Disconnects; Motor Control Centers (MCC); Automatic Transfer Switches (ATS)...



FDB Applications Guide



Model	FDB S12C	FDB Y12C	FDB D12C	FDB Y24C	FDB Y36C
Nominal System Voltage	120/240 V	120/208 V	120/240 V (High Leg Delta)	277/480 V	347/600 V
Distribution System	1Ph 3W+G	3 Ph 4W+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	550/1100 VAC
Max Discharge Current	100 kA 8/20 μs	100 kA 8/20 μs	100 kA 8/20 μs	100 kA 8/20 μs	100 kA 8/20 μs
Nominal Discharge Current, (In) IEC	40 kA 8/20 μs	40 kA 8/20 μs	40 kA 8/20 μs	40 kA 8/20 μs	40 kA 8/20 μs
Protection Modes	ALL MODES	ALL MODES	ALL MODES	ALL MODES	ALL MODES
Limiting Voltage Measured	L-N 600 V @ 3 kA	L-N 600 V @ 3 kA	L-N 600 V @ 3 kA	L-N 1.0 kV @ 3kA	L-N 1.8 kV @ 3kA
Short Circuit Current Rating	200 kAIC	200 kAIC	200 kAIC	200 kAIC	200 kAIC
Status	LED status indication per phase, all modes monitored				
Dimensions	153x78x84 mm, 6.02x3.07x3.31 0.70 kg, (1.54 lbs)				
Enclosure	Aluminum, IP 65 (NEMA-4)				
Connection	900 mm (36" of # 10 AWG) flying leads				
Mounting	3/4" straight nipple, Optional Flush Mounting Plate for Drywall				
Approvals	UL® 1449 Listed Edition 5.0 (Type 1), CE, IEC 6143-1				