



## Liebert Active Tracking Filter System Technical Specification

Operating Voltage Range.....	+/-15%
Fault Current Rating (AIC).....	200 kAIC
Operating Frequency Range.....	47 – 63 Hz
<b>50 EMI/RFI Attenuation:</b>	
Normal Mode.....	10 kHz-500MHz 60 dB
Common Mode.....	10 kHz-500MHz 50 dB
<b>Response Time</b> .....	<0.5 ns
<b>Operating Humidity</b> .....	0% to 95%
<b>Status Indication</b> .....	LEDs, Dry Contacts, Audible Alarm, Surge Counter
<b>Certifications</b> .....	UL 1449 & 1283, CSA
<b>Enclosure</b> .....	NEMA 12 standard
<b>Warranty</b> .....	10-Years Parts / 5-Years Labor
<b>Optional Equipment</b> .....	Dual Surge Counter, Remote Monitor Panel



Example Part Number: **F277Y800-03** = 277/480V, 3-Phase Wye, All Mode, 800 Amp Current Rating  
LED's, Alarm & Dual Counters, Form C Contacts



Nominal Voltage Codes	
120	120V
208	208V
220	220V
230	230V
240	240V
277	277V
480	480V
600	600V

Option Code	
01	LED, Form C Contacts
03	LED, Alarm, Dual Counters, Form C Contacts
06	LED, Alarm, Counter, Form C Contacts

Life Cycle Surge Testing 10kA, 20kV, IEEE Cat. C3		
Unit	Per Mode (L-N/L-G/N-G)	Per Phase
100 kA	12,000/12,000/12,000	24,000
150 kA	12,000/24,000/24,000	36,000
200 kA	24,000/24,000/24,000	48,000
300 kA	24,000/48,000/48,000	72,000

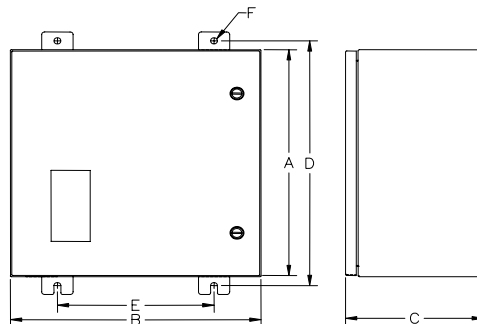
UL 1449 second edition clamping data				
Voltage	L-N	L-G	L-L	N-G
100-120V	400	400	800	400
208V		800	800	
230-277V	800	800	1500	700
347V	1200	1000	2000	1000
400-480V		1500	1500	
600V		2000	2000	

Source configuration	
N	1 Phase L-N 2w + gnd
L	1 Phase L-L 2w + gnd
S	Split Phase 3w + gnd
Y	3 Phase Wye 4w + gnd
D	3 Phase Delta 3w + gnd
H	3 Phase Delta Hi-leg 4w+ gnd

Dimensional data in inches and shipping weight in pounds							
Model/Configuration	Dimensions in inches						Wt Lbs
	A	B	C	D	E	F	
30A Single Phase	20.0	16.0	9.0	21.25	10.0	.44	35
30A Split or Three Phase	24.0	20.0	9.0	25.25	14.0	.44	60
60A Single Phase	20.0	16.0	9.0	21.25	10.0	.44	35
60A Split or Three Phase	24.0	20.0	9.0	25.25	14.0	.44	60
100A Single Phase	24.0	20.0	9.0	25.25	14.0	.44	60
100A Split or Three Phase	30.0	24.0	9.0	31.25	18.0	.44	80
225A Single Phase	24.0	20.0	9.0	25.25	14.0	.44	60
225A Split or Three Phase	30.0	24.0	9.0	31.25	18.0	.44	80
400A Split or Three Phase	48.0	36.0	12.0	49.25	30.0	.44	300
800A Split or Three Phase	60.0	48.0	12.0	-	-	-	530
1200A Split or Three Phase	60.0	48.0	20.0	-	-	-	750
2000A Split or Three Phase	60.0	48.0	20.0	-	-	-	950
4000A Split or Three Phase	60.0	48.0	20.0	-	-	-	1300

Current Code	Current Rating	Surge Current Capability Per Phase
30	30A	100kA
60	60A	100kA
100	100A	150kA
225	225A	150kA
400	400A	150kA
800	800A	300kA*
1200	1200A	300kA*
2000	2000A	300kA*
4000	4000A	300kA

\* 200kA is available, add -200 to part number.



Job Name \_\_\_\_\_  
 Model# \_\_\_\_\_  
 Date \_\_\_\_\_  
 Qty \_\_\_\_\_  
 Quote# \_\_\_\_\_



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