

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—		1	NEW DRAWING	19JUN2013	RS	EC

SAFETY ORGANIZATIONS

THIS FILTER HAS BEEN DESIGNED TO THE FOLLOWING STANDARDS, BUT HAS NOT YET BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCIES. ALL TEST REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS WILL BE MET:

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 1000 A, 520 VAC
 LINE FREQUENCY: 50-60 Hz
 NOMINAL LEAKAGE CURRENT: 6 mA
 MAXIMUM LEAKAGE CURRENT: 222 mA @ 277 V, 50 Hz
 OPERATING AMBIENT TEMPERATURE RANGE
 @ RATED CURRENT, I : -10°C TO +50°C

AT AMBIENT TEMPERATURE, T ,
 ABOVE MAX RATED I , THE
 MAXIMUM OPERATING CURRENT, I₀,
 IS DETERMINED BY THIS EQUATION:

$$I_0 = I_R \sqrt{\frac{100 - T_0}{50}}$$

RELIABILITY SPECIFICATIONS

STORAGE TEMPERATURE: -40°C TO +85°C
 HUMIDITY: 21 DAYS @ 40°C AND 95% RH

TEST SPECIFICATIONS

INDUCTANCE: 36.8 μH NOMINAL
 CAPACITANCE @ 1 kHz, 0.25 VAC MAX., 25°C ±1°C:
 LINE TO GROUND: 2.62 μF
 LINE TO LINE: 12.3 μF

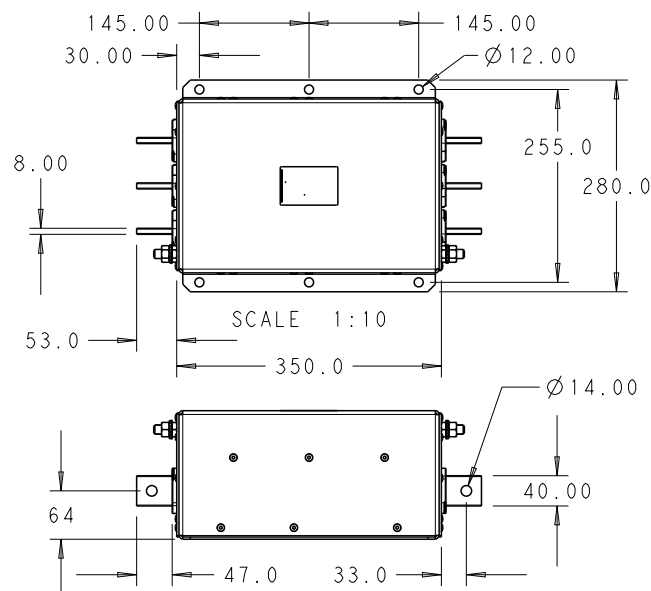
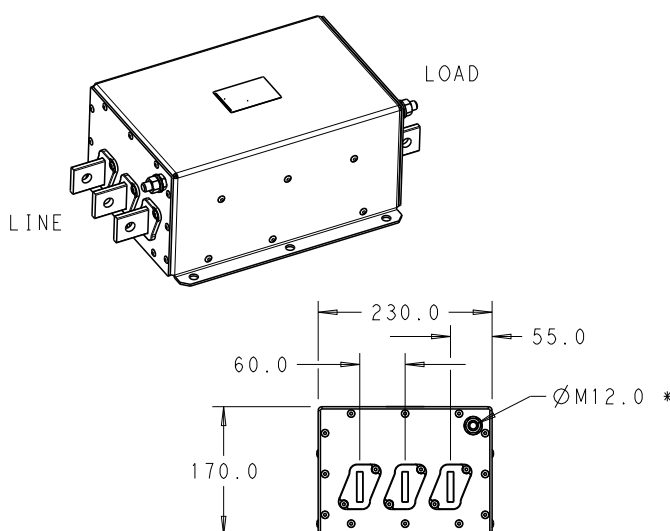
DISCHARGE RESISTOR
 L-G AND L-L: 666kΩ / 666kΩ
 IR, L/L @ 20°C, 50% RH: 6000MΩ (MIN.) @100VDC

RECOMMENDED RECEIVING INSPECTION HIPOT

LINE TO GROUND: 2200 VDC FOR 1 MINUTE
 LINE TO LINE: 2160 VDC FOR 1 MINUTE

FILTER APPROVAL:

THE BEST WAY TO SELECT AND QUALIFY
 A FILTER IS FOR YOUR ENGINEERING TO
 TEST THE UNIT IN YOUR EQUIPMENT.

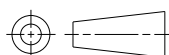


* DO NOT LOOSEN INNER GROUND NUTS.
 TORQUE OUTER GROUND NUTS TO:
 25-30 NM [220-260 IN-LB]

TYPICAL INSERTION LOSS
 COMMON MODE 50/50 Ω; DIFFERENTIAL MODE 100/100 Ω

MHz	0.01	0.05	0.15	0.5	1.0	3.0	5.0	10	30
CM	12	13	56	71	67	49	45	37	18
DM	32	46	60	62	58	46	41	35	27

DIMENSIONS:	DWN	19JUN2013	MATERIAL	FINISH
mm	RS		-	-
TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK	19JUN2013		
	EC			
	APVD	19JUN2013		
	EC			
0 PLC ±2.0	PRODUCT SPEC		NAME 1000ACP V12 3-PHASE DELTA FILTER	
1 PLC ±0.1				
2 PLC ±0.01	APPLICATION SPEC			
3 PLC ±0.005			SIZE	CAGE CODE
4 PLC ±0.0001			A4	00779
ANGLES ±	WEIGHT		DRAWING NO	RESTRICTED TO
	-		C-8-1609148-5-25	-
Customer Drawing		SCALE	1:1	SHEET 1 OF 1
		REV	1	



20

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