

LOC	DIST	REVISIONS					
-	-	P	LTR	DESCRIPTION	DATE	DWN	APVD
			1	NEW DRAWING	21SEP2013	GK	EC

SAFETY ORGANIZATIONS

THIS FILTER HAS BEEN FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQUIREMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS HAVE BEEN MET:

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 1000 A, 690 VAC
 LINE FREQUENCY: 50-60 Hz
 NOMINAL LEAKAGE CURRENT: 10mA
 MAXIMUM LEAKAGE CURRENT: 330mA @ 400V, 50HZ

OPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT, I : -10°C TO +50°C

IN AN AMBIENT, T, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, I, IS AS FOLLOWS:

$$I_o = I_R \sqrt{\frac{100 - T_o}{50}}$$

RELIABILITY SPECIFICATIONS

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

TEST SPECIFICATIONS

INDUCTANCE, NOMINAL: 36.8 µH
 CAPACITANCE @ 1 kHz, 0.25 VAC MAX., 25°C ±1°C:
 LINE TO GROUND: 2.62 µF
 LINE TO LINE: 11.9 µF

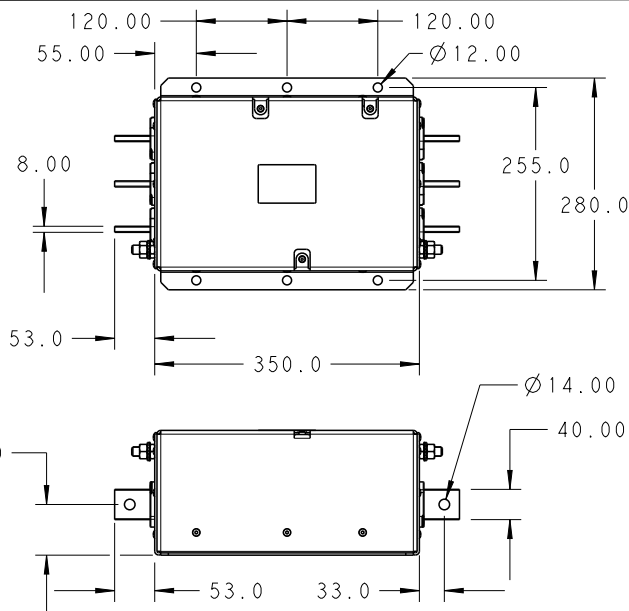
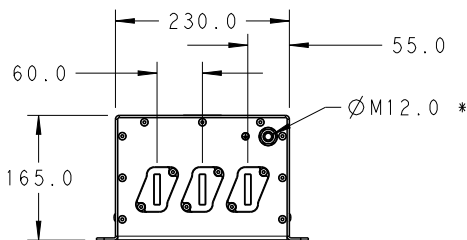
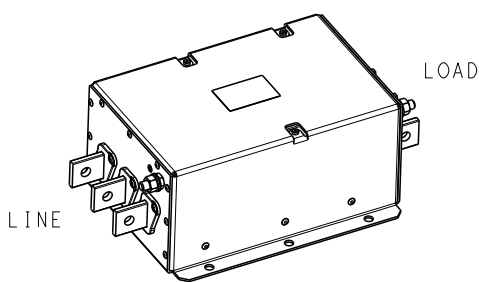
DISCHARGE RESISTOR
 L/G AND L/L I.R. : 666kΩ/666kΩ
 IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6000 MOhm

RECOMMENDED RECEIVING INSPECTION HIPOT

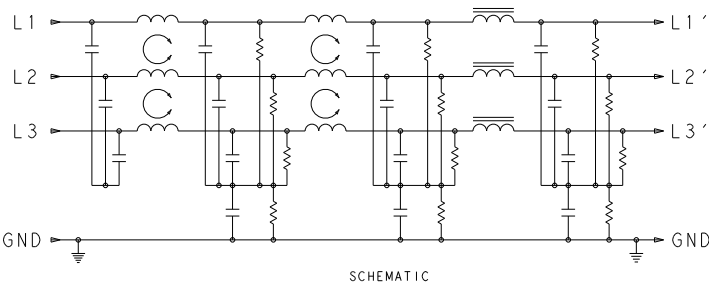
LINE TO GROUND FOR 1 MINUTE: 2200 VDC FOR 1 MINUTE
 LINE TO LINE FOR 1 MINUTE: 2160 VDC FOR 1 MINUTE

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

20 RELEASED FOR PUBLICATION

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DIMENSIONS: mm	DWN GK	21SEP2013	MATERIAL	FINISH
TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK EC	21SEP2013	TE Connectivity	
0 PLC ±2.0	APVD EC	21SEP2013		
1 PLC ±1.0	PRODUCT SPEC	-		
2 PLC ±0.13	APPLICATION SPEC	-		
3 PLC ±0.013	WEIGHT	-	NAME	1000ACPD12 3-PHASE DELTA FILTER
4 PLC ±0.0001			SIZE	A 400779
ANGLES ±			CAGE CODE	C-9-1609148-0-1
	Customer Drawing		DRAWING NO	RESTRICTED TO
			SCALE	1:1
			SHEET	1 OF 1
			REV	1