

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-		A	REVISED PER ECR-14-007825	30MAY2014	RS	EC
			B	ECO-15-015144: ADD UL.	26OCT2015	EC	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: UL

RELIABILITY SPECIFICATIONS

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

OPERATING SPECIFICATIONS

LINE CURRENT/VOLTAGE: 250 A, 690 VAC
 LINE FREQUENCY: 50-60 Hz
 NOMINAL LEAKAGE CURRENT: 10 mA
 MAXIMUM LEAKAGE CURRENT: 330mA @ 400V, 50HZ
 OPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT, I : -10°C TO +50°C

TEST SPECIFICATIONS

INDUCTANCE, NOMINAL: 64.1 μH
 CAPACITANCE @ 1 kHz, 0.25 VAC MAX., 25°C ±1°C:
 LINE TO GROUND, NOMINAL: 2.6 μF
 LINE TO LINE, NOMINAL: 9.5 μF
 DISCHARGE RESISTOR L/G AND L/L I.R. 666kΩ / 666kΩ
 IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6000MΩ

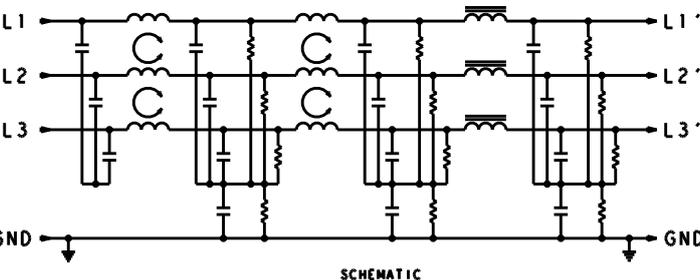
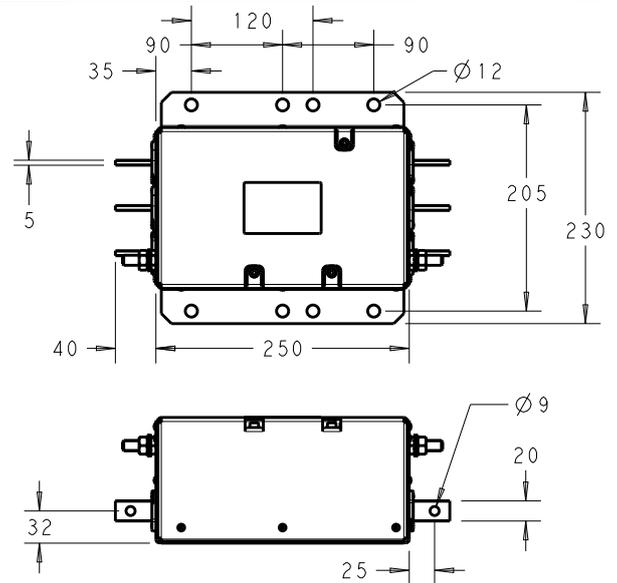
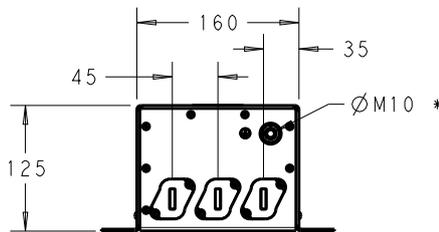
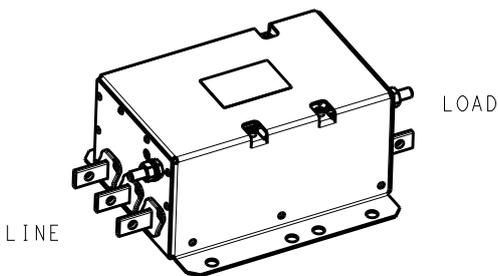
RECOMMENDED RECEIVING INSPECTION HIPOT

LINE TO GROUND FOR 1 MINUTE: 2640 VDC
 LINE TO LINE FOR 1 MINUTE: 2520 VDC

FILTER APPROVAL:

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

IN AN AMBIENT, T, HIGHER THAN 50°C, THE MAXIMUM OPERATING CURRENT, I, IS AS FOLLOWS:

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


* DO NOT LOOSEN INNER GROUND NUTS. TORQUE OUTER GROUND NUTS TO: 12-14 NM [110-120 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	11	20	63	83	71	80	70	51	27
DM	28	42	65	77	62	50	44	37	27

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DIMENSIONS: mm	DWN RS 13DEC2013	MATERIAL	FINISH
TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK EC 13DEC2013	TE Connectivity	
0 PLC ±2.0 1 PLC ±1.0 2 PLC ±0.50 3 PLC ±0.200 4 PLC ±0.100 ANGLES ±-	APVD EC 13DEC2013		
	PRODUCT SPEC 8-1609148-7	NAME 250APH12P 3-PHASE DELTA FILTER	
	APPLICATION SPEC -	SIZE A4	CAGE CODE 00779
	WEIGHT 6.4 kg	DRAWING NO C-8-1609148-7	RESTRICTED TO -
	Customer Drawing	SCALE 2:15	SHEET 1 OF 1
			REV B