

SAFETY ORGANIZATION(S):

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 RECOGNIZED
CSA CERTIFIED
VDE APPROVED

UL 1283
CSA 22.2, NO.0,0.4,8
VDE 565-3

OPERATING SPECIFICATIONS:
LINE VOLTAGE/CURRENT:

3 AMP., 120/250 VAC
3 AMP./40°C, 250 VAC
50-60Hz
40°C

LINE FREQUENCY:
MAX. CASE RISE θ RATED CURRENT:
MAX. LEAKAGE CURRENT, EACH
LINE TO GROUND

.5 mA at 120V 60 Hz
1.0 mA at 250V 50 Hz
-10°C TO +40°C θ RATED CURRENT, I_r

OPERATING AMBIENT TEMP. RANGE:

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

$$I_o = I_r \sqrt{\frac{85 - T_a}{45}}$$

RELIABILITY SPECIFICATIONS:

STORAGE TEMPERATURE:

-40°C TO +85°C

HUMIDITY:

21 DAYS θ 40°C 95% RH

CURRENT OVERLOAD TEST:

6 TIMES RATED CURRENT FOR 8 SECONDS

TEST SPECIFICATIONS:

INDUCTANCE:

7.06 mH NOMINAL

CAPACITANCE: (MEASURED θ 1 KHz, 0.25 VAC MAX., 25°C $\pm$ 1°C)

LINE TO GROUND:

.011 μ F $\pm$ 20%

LINE TO LINE:

.54 μ F $\pm$ 20%

DISCHARGE RESISTOR

330 K Ω

LINE/GROUND AND LINE/LINE

6000 M Ω (MIN) AT 100 VDC

INSULATION RESISTANCE

20°C AND 50% RH

RECOMMENDED RECEIVING INSPECTION HIPOT:

LINE TO GROUND:

2250 VDC FOR 1 MINUTE

LINE TO LINE:

1450 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.

50 Ω - 50 Ω (MINIMUM) INSERTION LOSS		FREQUENCY		.01		.02		.05		.08		.1		.15		.5		1		5		10		20		30	
COMMON		dB		6		11		19		24		26		31		50		44		42		42		42		42	
DIFF.		dB		1		1		2		3		10		25		59		65		62		40		40		40	

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FINISH:

AS SUPPLIED

AS SUPPLIED

SCALE NTS

DATE 8-7-90

REV. 6

DRW. BY CFW

ORIGINATOR CFW

3VSK7 & 3VSK7M

3VSK7.08

#6-32 X .25 INSERT
OR M3 X .5 (2)

0.078 REF

$\pm$.020
.63

2.25 MAX
1.575 $\pm$.015

1.53 MAX

.157 $\pm$.002 DIA

.250 FASTON .069 $\pm$.003 HOLE (3 PLACES)

2.565 MAX

0.645 MAX

1.575
1.295

0.620

1.00

.235 R TYP

0.069 X 0.155 SLOT

PANEL CUTOUT
TOLERANCE $\pm$.005

