

DESCRIPTION

PRODUCT COVERED:

USR; Component - Appliance Filter, Models FN261#W-Y-XX-ZZ, FN9260#W-Y-XX-ZZ, FN9263#W-Y-XX-ZZ, **FN9264#W-Y-XX-ZZ**, FS6712#W-Y-XX-ZZ, FS6024-3-07, FS4588-3-07, FS23633-3-06, and FS 5897-6-07-1 where W can be nothing or the letters A, Al, B, C, Cl, C2 or R, where # can be nothing or an S or Sl, where y can be the number 1, 2, 3, 4, 6, 8 or 10, where XX can be the number 01, 05 or 06, where ZZ can be nothing or the numbers 05-40.

USR, CNR Recognized Component - Appliance Filter, Model FS24814-3-07.

ENGINEERING CONSIDERATION:

The components covered by this report are electromagnetic interference filter assemblies intended to be used in electronic data processing equipment and similar equipment where the acceptability of the combination has been determined by Underwriters Laboratories Inc.

ELECTRICAL RATINGS:

All filters are rated 125/250 V ac, 50/60 Hz. See Ill. 1 for voltage and current rating and Ill. 2 for circuit diagrams and dimensions.

| Type | Current (A) | Voltage (V ac) | Frequency (Hz) | Ambient (°C) |
|--|-------------|----------------|----------------|--------------|
| FN 261(S x)- 1-yy (-zz) FN9260(S x)- 1-yy (-zz) FN9263(S x)- 1-yy (-zz) FN9264(S x)- 1-yy (-zz) FS6712(S x)- 1-yy (-zz) | 1 | 125/250 | 50/60 | 40 |
| FN 261(S x)- 2-yy (-zz) FN9260(S x)- 2-yy (-zz) FN9263(S x)- 2-yy (-zz) FN9264(S x)- 2-yy (-zz) FS6712(S x)- 2-yy (-zz) | 2 | 125/250 | 50/60 | 40 |
| FN9263(S x)- 3-yy (-zz) FN9264(S x)- 3-yy (-zz) FS 6024 - 3-07 FS 4588 - 3-07 FS24814 - 3-07 | 3 | 125/250 | 50/60 | 40 |
| FS23633 -3-06 | 3 | 125/250 | 50/60 | 40 |
| FN9263(S x)- 4-yy (-zz) FN9264(S x)- 4-yy (-zz) | 4 | 125/250 | 50/60 | 40 |
| FN 261(S x)- 4-yy (-zz) FN9260(S x)- 4-yy (-zz) FN9263(S x)- 4-yy (-zz) FN9264(S x)- 4-yy (-zz) FS6712(S x)- 4-yy (-zz) | 5 | 125/250 | 50/60 | 40 |

| | | | | |
|---|----|---------|-------|----|
| FN 261(S x)- 6-yy (-zz) FN9260(S x)- 6-yy (-zz) FN9263(S x)- 6-yy (-zz) FN9264(S x)- 6 -yy (-zz) FS6712(S x)- 6-yy (-zz) FS 5897-6-07-1 | 6 | 125/250 | 50/60 | 40 |
| FN9263(S x)- 8-yy (-zz) FN9264(S x)- 8-yy (-zz) | 8 | 125/250 | 50/60 | 40 |
| FN 261(S x)-10-yy (-zz) FN9260(S x)-10-yy (-zz) FS6712(S x)-10-yy (-zz) | 10 | 125/250 | 50/60 | 40 |
| FN9263(S x)-10-yy (-zz) FN9264(S x)- 10-yy (-zz) | 10 | 125/250 | 50/60 | 40 |

Note: All filters may be marked 120/250V in lieu of 125/250V.

USR indicates the filters have been evaluated to the Standard for Electromagnetic Interference Filters, UL 1283, Fifth Edition, Revision Date November 30, 2005.

CNR indicates the filters have been evaluated to the Standard for Electromagnetic Interference (EMI) filters, CSA C22.2 No. 8 M1986.

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CONDITIONS OF ACCEPTABILITIES (NOT FOR UL REPRESENTATIVE USE):

General - For use only in complete equipment with the acceptability of the combination has been determined by Underwriters Laboratories Inc. The following items should be evaluated to determine the acceptability of the component in the end product.

1. The filter shall be installed within an overall enclosure suitable for the end product application.
2. Leakage current measurements have been provided for reference only. The need to determine leakage current in the end application shall be considered.
3. Capacitor Discharge voltage measurements have been provided for reference only. The need to determine capacitor discharge voltages in the end application shall be considered.
4. These components have been judged on the basis of the required spacings in the Standard of ELECTROMAGNETIC INTERFERENCE FILTERS, Paragraph 22.2. Spacings between terminals and dead metal products should comply with the end product requirements.
5. Case temperature should be monitored in the end product.
6. The terminals have not been evaluated as field wiring terminals. Acceptability of the grounding terminal connections should be determined in the end product.
7. The filters have been evaluated for use in systems rated for max. 60 Hz.
8. The filters have been evaluated for use in systems where the phase to neutral voltage does not exceed 250 V.
9. The acceptability of the means for overcurrent protection provided on the inlet receptacle shall be determined in the end-use application.
10. Abnormal operations test conducted as follows:

Abnormal operation/limited short circuit rating:

| MODEL | ABNORMAL TEST CURRENT (A) |
|---------------------|------------------------------|
| FN9263-1-06 | 200 |
| FN9263S-6-06 | 1000 |
| FN9263S1-8-06 | 2000 |
| FS24814-3-07 | 1000 |

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Project 93ME37458

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REPORT

on

RECOGNIZED COMPONENT -
ELECTROMAGNETIC INTERFERENCE FILTERS

Applicant: Schaffner EMV AG
Luterbach, Switzerland

Recognized Company: Schaffner EMV AG
Luterbach, Switzerland

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