

DESCRIPTION

PRODUCT COVERED:

USR, CNR - Component, Appliance Filters, Models FMAC-0932-2510L, FMAC-0932-3610L, FMAC-0934-5010L, FMAC-0934-6410L.

GENERAL:

These devices are EMI filters intended for incorporation in appliances. They are housed in a metal housing and incorporate with terminals for factory wiring.

ELECTRICAL RATINGS:

*

MODEL NO.	VOLTS Vac	CURRENT A	PHASES	POWER (VA)	FREQUENCY (HZ)	COLD-MAXIMUM AMBIENT TEMPERATURE (°C)
*FMAC-0932- 2510L	480/277	25	3	12000	50/60	0 - 40
		14		6720	50/60	0 - 75
*FMAC-0932- 3610L	480/277	36	3	17280	50/60	0 - 40
		20		9600	50/60	0 - 75
*FMAC-0934- 5010L	480/277	50	3	24000	50/60	0 - 40
		30		14400	50/60	0 - 75
*FMAC-0934- 6410L	480/277	64	3	30720	50/60	0 - 40
		37		17760	50/60	0 - 75

ENGINEERING CONSIDERATIONS:

USR indicates the filters have been evaluated to the Standard for Electromagnetic Interference Filters, UL 1283, Sixth Edition.

CNR indicates investigation to the requirements of the Canadian Standard for Electromagnetic Interference (EMI) Filters, CSA C22.2 No. 8-13, Fifth Edition.

*

CONDITIONS OF ACCEPTABILITY:

General - The components covered by this Report are Component Appliance Filters intended to be used in the end-use product where the acceptability of the combination with the end-use product has been determined by UL LLC.

The following items should be considered in the end use product engineering evaluation.

*

1. The filter shall be installed within an overall enclosure suitable for the end product application.
2. The filter shall be installed in compliance with the mounting, terminal, spacing and segregation of the end application.
3. Leakage current measurements were conducted for reference only and exceeded 5 mA. The leakage current in the end application shall be considered.
4. Spacings between terminals and dead metal parts should comply with the end product requirements.
5. The terminals have not been evaluated for field wiring. The acceptability of the grounding terminal should be determined in the end-product.
6. The filters have been evaluated for use in 480/277 V ac WYE systems where the phase-to-neutral and phase-to-ground voltage does not exceed 277 V, and L-L voltage does not exceed 480 V.
- *7. **The components were submitted and evaluated at a maximum manufacturer's recommended ambient as indicated in the Electrical Ratings Table. The need for additional testing if these devices are used above this rating shall be considered in the end-use application.**

*8. The Abnormal Operation Test was not conducted on models FMAC-0932-2510L, FMAC-0932-3610L, FMAC-0934-5010L, FMAC-0934-6410L but due to testing of similar models (FMAC-0924-0610, FMAC-0931-1610, FMAC-0934-5010, FMAC-0954-H110 in report dated 2009-09-01 the limited short circuit current rating may be considered 5000 V ac. Suitability of these models to comply directly with the **Abnormal Operation/Limited Short Circuit Test (UL 1283, Cl. 32; CSA C22.2 No. 8, Cl. 6.14)** should be considered in the end-use application