

File E62388
Project 4787853299

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REPORT

ON

COMPONENT - ELECTROMAGNETIC INTERFERENCE FILTERS

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Akita-ken, Japan

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DESCRIPTION

PRODUCT COVERED:

USR, CNR - Component: Electromagnetic Interference Appliance Filters, Model RSEV-2006, RSEV-2006L, RSEV-2010, RSEV-2010L, RSEV-2016, RSEV-2016L, RSEV-2020, RSEV-2020L, RSEV-2030 and RSEV-2030L

GENERAL:

These devices are electromagnetic interference (EMI) filters intended for incorporation in appliances or similar equipment. They incorporate terminals intended for factory wiring only.

ELECTRICAL RATINGS:

Model	Volt (Vac)	Current (A)	Frequency (Hz)	Phase	Maximum Ambient (°C)
RSEV-2006 RSEV-2006L	250	6	50/60	1	55
RSEV-2010 RSEV-2010L		10			
RSEV-2016 RSEV-2016L		16			
RSEV-2020 RSEV-2020L		20			
RSEV-2030 RSEV-2030L		30			

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

For use only in products where the acceptability of the combination is determined by UL LLC. The following are among the features which should be judged during the investigation of the equipment in which this filter is used:

USR - Indicates investigation to the Standard for Electromagnetic Interference Filters, UL 1283, 6th Edition.

CNR - indicates investigation to the requirements of the Canadian Standard for Electromagnetic Interference (EMI) Filters, CAN/CSA C22.2 No. 8-13, 5th Edition.

NOMENCLATURE:

Example: RSEV-2006L

RSEV	-	2	006	L
I		II	III	IV

I - <Model Name>
RSEV

II - <Rated Voltage>
2: 250 V

III - <Rated Current>
006: 6 A
010: 10 A
016: 16 A
020: 20 A
030: 30 A

IV - <Filter Construction>
None: with Y capacitors
L: without Y capacitors

FIGURES TABLE:

FIG.	Model	Description
1	RSEV-2030 (representative model)	External and Internal view

ILLUSTRATIONS TABLE:

ILL.	Model	Description
1	All	Overall Dimension
2		Bobbin Dimension
3		Circuit Diagram

Conditions of Acceptability -

1. These devices shall be installed in compliance with the requirements for enclosure, mounting, spacing, and segregation of the end-use products.
2. Electrical terminals have not been investigated as field wiring terminals and shall be used for factory wiring only.
3. These filters have not been evaluated for use in radio, television, video, telephone, or telephone power supply type appliances.
4. Suitability of the grounding lead termination shall be determined in the end-use product.
5. Abnormal Operating Test (Limited Short Circuit) at alternate current has been conducted as follows, tested using a 40 A fuse of type K5:

Model	Test current [A]
RSEV-2030	3500