

File E62388
Project 12SC04668

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REPORT

on

COMPONENT - ELECTROMAGNETIC INTERFERENCE FILTERS

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Akita, Japan

Recognized Company: TDK-EPC CORP

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DESCRIPTION

PRODUCT COVERED:

USR Component - Electromagnetic Interference Appliance Filters,
Models RTEN-2006, RTEN-2010, RTEN-2016, RTEN-2020, RTEN-2030, RTEN-2040,
RTEN-2050, RTEN-2060, RTEN-2080, RTEN-2100 and RTEN-2150.

ELECTRICAL RATINGS:

Catalog. No.	Volts (V ac)	Current (A)	Frequency. (Hz)	Phase	Maximum Ambient (°C)
RTEN-2006	250	6	50/60	3	50
RTEN-2010	250	10	50/60	3	50
RTEN-2016	250	16	50/60	3	50
RTEN-2020	250	20	50/60	3	50
RTEN-2030	250	30	50/60	3	50
RTEN-2040	250	40	50/60	3	50
RTEN-2050	250	50	50/60	3	50
RTEN-2060	250	60	50/60	3	50
RTEN-2080	250	80	50/60	3	50
RTEN-2100	250	100	50/60	3	50
RTEN-2150	250	150	50/60	3	50

MODEL NOMENCLATURE:

Example:

RTEN - 2 006
I II III

I - <Model Name>
RTEN

II - <Rated Voltage>
2 - 250 Vac

III - <Rated current>
006 - 6 A

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:

*Models have been judged on the basis of the spacing requirements in the Standard for Electromagnetic Interference Filters which would cover the component itself if submitted for unrestricted Listing.

*USR - Indicates investigation to **the requirements of the UL Standard.**

Conditions of Acceptability -

1. Appliance filters inherently have high leakage currents. Leakage current shall be measured in the end-product to determine compliance with the applicable end-product requirements.
2. The filters shall be provided with an overall enclosure suitable for the applicable end product requirements.
3. Electrical spacings from uninsulated parts and the enclosure shall comply with the requirements of the end-use application.
4. Electrical terminals have not been investigated as field wiring terminals and shall be used for factory wiring only.
5. Suitability of the grounding means in conjunction with the filter shall be evaluated in the applicable end-use application.
6. The components were submitted and tested with a maximum manufacturer's recommended ambient as indicated by the Maximum Ambient Temperature Rating of the devices documented 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.
7. These filters have not been evaluated for use in radio, television, video, telephone, or telephone power supply type appliances.
8. The filter shall be installed in compliance with the mounting, terminal, spacing and segregation requirements of the end use application.
9. Abnormal Operation Test (Limited Short Circuit) has not been performed and it shall be determined in the end-product investigation.