

## DESCRIPTION

## PRODUCT COVERED:

USR, CNR - Component, Appliance Filters, Models **DFK-48-0008**;  
**Models** DKIP- f/b 0329- f/b 1002 or 1501 or **20D6**;  
**Models** DKIP- f/b 0331- f/b 1005 or 1502 or **2001**;  
**Models DKIP-** f/b 0333- f/b 2504 or 3602 or **5001**;  
**Models** DKIL- f/b 0331- f/b 1005 or 1502 or **2001**;  
**Models** DKIL- f/b 0346- f/b 1002 or 1501 or **20D6**;  
**Models** DKLP- f/b 0329- f/b 0330 or 0510 or **0804**;  
**Models** DKLP- f/b 0331- f/b 0350 or 0430 or **0520**;  
**Models** DKLP- f/b 0333- f/b 0840 or **1610**;  
**Models** DKLL- f/b 0331- f/b 0350 or 0430 or **0520**;  
**Models** DKLL- f/b 0346- f/b 0330 or 0510 or 0804.

**GENERAL:**

These devices are EMI filters intended for incorporation in appliances or similar equipment. They are housed in a metal housing and are provided with wires for factory wiring.

**ELECTRICAL RATINGS:**

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*MODEL NO.	VOLTAGE (V)	FREQUENC Y (Hz)	CURRENT (A)	PHASES	AMBIENT TEMPERATURE (°C)	
					MAXIMUM	MINIMUM
DFK-48-0008	575	50/60	6	3	40	-25
DKIP-0329-1002	600	50/60	10	3	40	-25
DKIP-0329-1501	600	50/60	15	3	40	-25
DKIP-0329-20D6	600	50/60	20	3	40	-25
DKIP-0331-1005	600	50/60	10	3	40	-25
DKIP-0331-1502	600	50/60	15	3	40	-25
DKIP-0331-2001	600	50/60	20	3	40	-25
DKIP-0333-2504	600	50/60	25	3	40	-25
DKIP-0333-3602	600	50/60	36	3	40	-25
DKIP-0333-5001	600	50/60	50	3	40	-25
DKIL-0331-1005	600	50/60	10	3	40	-25
DKIL-0331-1502	600	50/60	15	3	40	-25
DKIL-0331-2001	600	50/60	20	3	40	-25
DKIL-0346-1002	600	50/60	10	3	40	-25
DKIL-0346-1501	600	50/60	15	3	40	-25
DKIL-0346-20D6	600	50/60	20	3	40	-25
DKLP-0329-0330	600	50/60	3	3	40	-25
DKLP-0329-0510	600	50/60	5	3	40	-25
DKLP-0329-0804	600	50/60	8	3	40	-25
DKLP-0331-0350	600	50/60	3	3	40	-25
DKLP-0331-0430	600	50/60	4	3	40	-25
DKLP-0331-0520	600	50/60	5	3	40	-25
DKLP-0333-0840	600	50/60	8	3	40	-25
DKLP-0333-1610	600	50/60	16	3	40	-25
DKLL-0331-0350	600	50/60	3	3	40	-25
DKLL-0331-0430	600	50/60	4	3	40	-25
DKLL-0331-0520	600	50/60	5	3	40	-25
DKLL-0346-0330	600	50/60	3	3	40	-25
DKLL-0346-0510	600	50/60	5	3	40	-25
DKLL-0346-0804	600	50/60	8	3	40	-25

**ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE) :**

**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.**

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**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.**

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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. The leakage current measurements exceed 0.5 mA and have been provided for reference only. The leakage current shall be measured in the end use product to determine compliance with the applicable requirements.
4. Spacings between terminals and dead metal parts should comply with the end product requirements.
5. This filter employs Class A (105°C) insulation system.
6. The filters have not been evaluated for use in circuits supplied from a voltage source with a line to line potential greater than 600 Vac.
7. **Capacitor Discharge voltage measurements have been provided for reference only. The need to determine capacitor discharge voltages in the end application shall be considered.**
8. **The components were submitted and tested with a maximum manufacturer's recommended ambient of 60°C 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**

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9. **The suitability of the grounding means in conjunction with the filter shall be evaluated in the end-use application.**