



Underwriters Laboratories Inc.

1285 Walt Whitman Road
Melville, New York 11747-3061
(516) 271-6200
Fax No. (516)271-6259/6260.
MCI Mail No. 255-3315
Telex No. 6852015

USES, INC.
152 Old Colchester Rd.
P.O. Box 156
Quaker Hill, CT 06375

Date: March 9, 1992
File No.: E132743

Product: MISCELLANEOUS APPARATUS

The following material resulting from the investigation under the above numbers is enclosed:

<u>Issue Date</u>	<u>Vol.</u>	<u>Sec.</u>	<u>Pages</u>	<u>Revised Date</u>
1/ 3/91	1	001 Revised		3/ 9/92
1/ 3/91	1	001 Revised		3/ 9/92
1/ 3/91	1	001 New		3/ 9/92

Please file revised pages and illustrations in place of material of like identity. New material should be filed in its proper numerical order.

NOTE: Follow-Up Service Procedure revisions DO NOT include Cover Pages, Test Records and Conclusion Pages. Report revisions DO NOT include Authorization Pages, Indices, Section General Pages and Appendixes.

cc:
Melville File

UNDERWRITERS LABORATORIES INC.
UL INSPECTION CENTER HARTFORD
UNIT 6
BLDG B
200 W. CENTER ST.
CHESTER CT 06040

- Contact: MR. ROBERT McCARTHY

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not-for-profit organization

DESCRIPTIONPRODUCT COVERED:

Miscellaneous Apparatus, Power factor correction unit with surge suppression, Model Nos. RDES-1, CMES-1, CMES-3Y, CMES-3Y480, CMES-3D, CMES-3D480, BL-120, BL-208/240, BL-300, BLM-3Y, BLM-3Y480, BLM-3D, BLM-3D480, CABO-120, CABO-240R, EBB-3D and EBB-3Y.

GENERAL:

These devices are closed type power factor correction units with surge suppression. They use a polymeric enclosure. They function as a solid state surge and spike suppressers for voltage. They are intended to limit the max amplitude of voltage spikes and surges on power lines to specified values. The devices intend to reduce line transmitted interference or noise generated by motors or appliances. They improve voltage regulation. They reduce magnetic fields through wire and equipment from the point of connection of the Unit back to the source by reducing current. When these devices are connected to inductive loads, connected on each hot leg they intend to balance the current on each of these legs and lower the current on the neutral. Also by increasing power factor and lowering amperage, they are able to increase the capacity of the service equipment and help to reduce the wattage when connected on an inductive load. The unit also helps to reduce harmonic current and wattage contents of the line. They are intended to be installed on the load side of the main disconnect.

ELECTRICAL RATINGS:

30 A continuous, 480 V AC, 3 phase maximum.
30 A continuous, 277 V ac, 1 phase maximum

Environmental rating, Type 1.

M.G.
M.S.