

File E69543  
Project 78ME7356

November 2, 1978

REPORT

on

COMPONENT - PROTECTORS, SUPPLEMENTARY

Potter & Brumfield Division, AMF Incorporated  
Gainesville, Georgia

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## DESCRIPTION

## PRODUCT COVERED:

Part Nos. M or W, followed by 91, 92, 93, 94, 95 or 96, followed by A, B, C, D, E, M, P, R, S, T, U, W, X or Y, followed by 1 or 2, followed by 1, 3, 5, or 7, followed by 0, 1, 2, 3, 4, 5, 6, 7, 8 or 9 when prefixed with P, followed by 0, 2, 3, 4, 5, 6, 9, 10, 11, 12, 13, 34 or 53 may be followed by P for added pulse tolerance, followed by .02-50 inclusive, may be followed by V, V1, **V2**, V3 or **M**.

May or may not have additional part number as follows: Series M or W, followed by 91, 92, 93, 94, 95, or 96, followed by A, B, C, D, E, R, S, X or Y, followed by 1000 through 1999 or 1999 or 3000 through 3999 inclusive, followed by X1 through X200 inclusive, or .02 through 50 inclusive, may be followed by V, V1, **V2**, V3 or **M**.

## GENERAL CHARACTER AND USE:

These devices are 1, 2, 3, 4, 5 or 6 pole supplementary protectors. They are provided with nonreplaceable trip units of the magnetic time delay type or with instantaneous trip. They may be provided with an auxiliary switch.

These devices may be manufactured in two forms of construction which are different as described herein. The terms "old" and "new" are used herein to describe the details of the types of constructions and the ratings applicable thereto.

**Protectors with part numbers ending in "M" have been evaluated for Ignition Protection in accordance with UL1500, Ignition Protection Test for Marine Products**

## RATINGS:

Main Circuits - Maximum amperes per pole

50 A at 65 V dc maximum

50 A at 1 phase, 250 V ac maximum, 400 Hz

50 A at 1 phase, 277 V ac maximum, 50/60 Hz

Main Circuits - Maximum amperes polyphase use

20 A at 3 phase, 250 V ac maximum, 400 Hz

20 A at 3 phase, 480 Y/277 V ac maximum,

50/60 Hz

Auxiliary Switch - 10.1 A, 125/250 V ac

Alternate

Auxiliary Switch - V1 - 5 A, 125/250 V ac

V2 - 10 A, 125 V ac and 10.1 A, 250 V ac

V3 - 0.1 A, 125 V ac