

## DESCRIPTION

## PRODUCT COVERED:

Component supplementary protectors, Cat. No. 8340 followed by F, G or T, followed by 0 through 9, followed by 0 through 9 or A through E, followed by 0 through 9, followed by C, D, G, K, N, P, Q, R, V, X or Z, followed by 0 through 9, followed by A through Z, followed by 0 through 9, followed by A through O, followed by 0 through 9 or A through Z, followed by G, H or K, followed by 0 through 9, followed by 1 through 5 or A or B, followed by 1 through 6, followed by current rating 0.02 A through 50 A inclusive and/or voltage rating 5 V dc through 80 V dc or 115 V ac through 240 V ac.

## GENERAL:

\* These devices are 1, 2, 3 and 4 pole magnetic overcurrent protectors with or without hydraulic magnetic delay. These devices are intended for use in household and commercial appliances. They are provided with manual means of opening the circuit.

## RATINGS:

Voltage - 250 V ac or 65 or 80 V dc, 50/60 Hz.

Main Contact Current - 0.02 - 50 A.

Auxiliary Circuit (When Provided) - 10 A, 250 V ac.

Maximum Short Circuit Interrupting:

For Type 8340-F and T

Rated Current, A	AC 60/60 Hz, 250 V Power Factor 75-80 Percent Short Circuit Current, A		
	<u>Single Phase</u>	<u>Two Phase</u>	<u>Three Phase</u>
* 0.02-30	3500	5000	5000
	<u>Rated Current, A</u>	<u>DC 65 or 80 V Resistive Short Circuit Current, A</u>	
	0.02-50	3500	

## For Type 8340-G1 And -G2

Rated Current, A	AC 60/50 Hz, 250 V		DC 65 or 80 V Resistive
	Power Factor 75-80 Percent Single Phase		
0.02-30	3500		3500
40-50	-		3500

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

Use - For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

These components have been judged on the basis of the required spacings in the Standard for Supplementary Protectors (UL 1077), Second Edition, Table 12.1, Columns B and D.

## Conditions of Acceptability -

1. These devices should be used within Recognized ratings as specified above.
2. These devices should be mounted in the intended manner in an enclosure having adequate strength and thickness and with acceptable spacings being provided.
3. The terminals of these devices have not been evaluated for field wiring and are for factory wiring only.
4. These devices are designed to trip within the curve characteristics provided by the manufacturer. (See ILL. 1 of this Report).
5. These devices have a "trip free" construction.
- \* 6. Cat. No. 8340 devices have been tested for short circuit conditions without a series fuse.
- \* 7. Cat. No. 8340-F/G/T 50 A devices were subjected to 3000 c operations at rated current. This rating will represent an isolation switch rating. The 50 A devices were not subjected to the 6000 operations in UL 1077.