

SECTION 1 GENERAL INFORMATION

1.1 INTRODUCTION

This instruction manual contains information relative to installation, operation and calibration of the Model 848TCM AC Power Controller. The theory of operation with parts lists, schematic diagrams and assembly diagrams are supplied in a separate maintenance manual.

1.2 SPECIFICATIONS

Specifications for the Model 848TCM are listed in Table 1-1.

1.3 INSTRUMENT IDENTIFICATION

The Model 848TCM is identified by specifying its phase, frequency range, initialization frequency and voltage range with a four digit suffix. Table 1-2 explains the Model 848TCM model number structure.

848TCM-X-X-X-X	MODEL NO. CODE
	VOLTAGE RANGE
	1 = 135V
	② = 270V
	3 = 135/270V
	INITIALIZATION FREQUENCY
	1 = 50 Hz
	② = 60 Hz
	3 = 400 Hz
	FREQUENCY RANGE
	1 = 99.99
	2 = 999.9
	3 = 2K
	④ = 5K
	5 = 9999
	PHASE
	① = 1 PHASE
	2 = 2 PHASE
	3 = 3 PHASE
	4 = 3 PHASE DELTA

Table 1-2

1.3.1 OPTIONS

The modifications to the Model 848TCM to give the various options described in Table 1-2 are listed in Table 1-3.