

PTM-15

DC Power Supply Module for ATS Operation Manual



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SECTION 1 : INTRODUCTION

The PTM-15 DC Power Supply connects to the Utility and Standby AC power inputs of an Automatic Transfer Switch (ATS) and converts these voltages into a set of DC power outputs. The module provides

a stable operating power supply to the control circuit for the Kutai ATS-245-DC controller or the DC-type BTB-ATS, which require DC power. The module is for use in installation sites without DC power supply or where DC power supply is difficult to obtain.

SECTION 2 : SPECIFICATION

AC Power Input (L, N)

Voltage 90 – 305 Vac single-phase, 2-wire
 Frequency 50/60 Hz
 Fuse specification : 5 x 20mm S505-1A, slow blow
 Recommended wire size : 1.25mm² (AWG16)

Operating Environment

Operating Temperature -20 to +60 °C
 Storage Temperature -40 to +85 °C
 Relative Humidity Max. 95%
 Vibration 5 Gs @ 60 Hz

DC Power Output (D+, D-)

Voltage 15 Vdc +/- 1%
 Current Max. 0.6 A
 Recommended wire size : 1.25mm² (AWG16)

Dimensions

135.0 (L) x 100.0 (W) x 42.0 (H) mm
 5.31 (L) x 3.94 (W) x 1.65 (H) inch

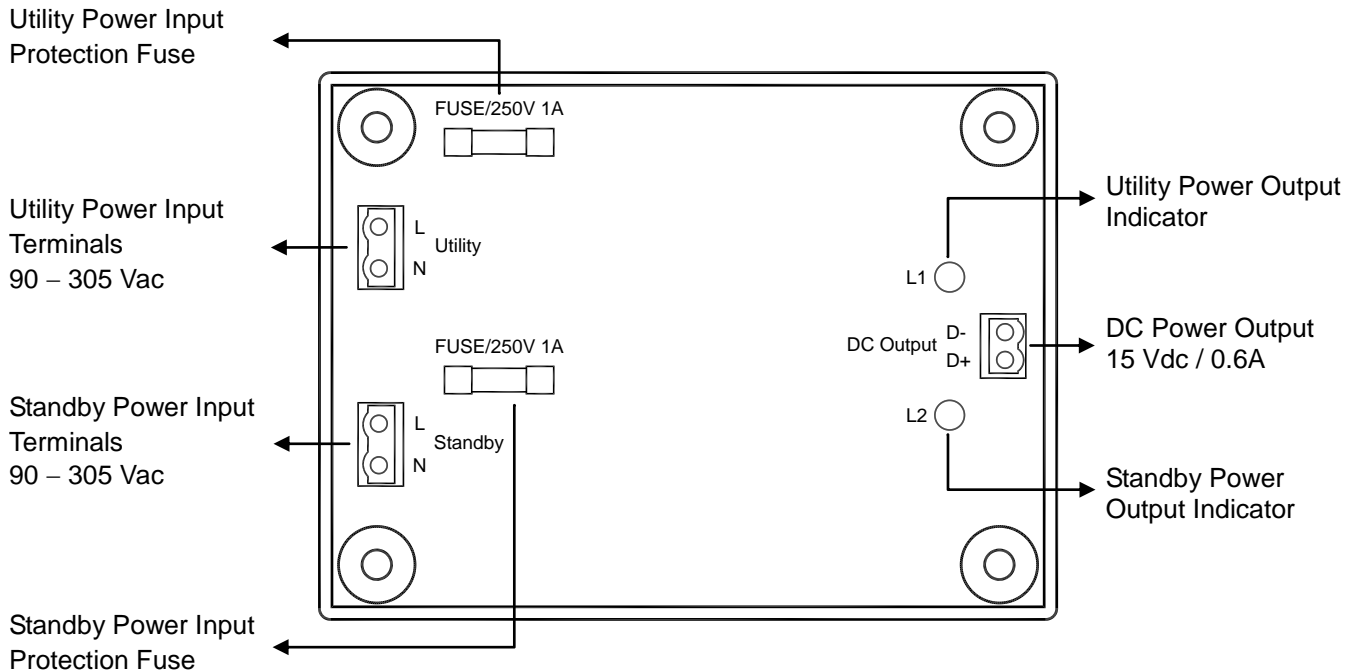
Protection Functions

DC Output Short Circuit Protection
 DC Output Over Voltage Protection

Weight

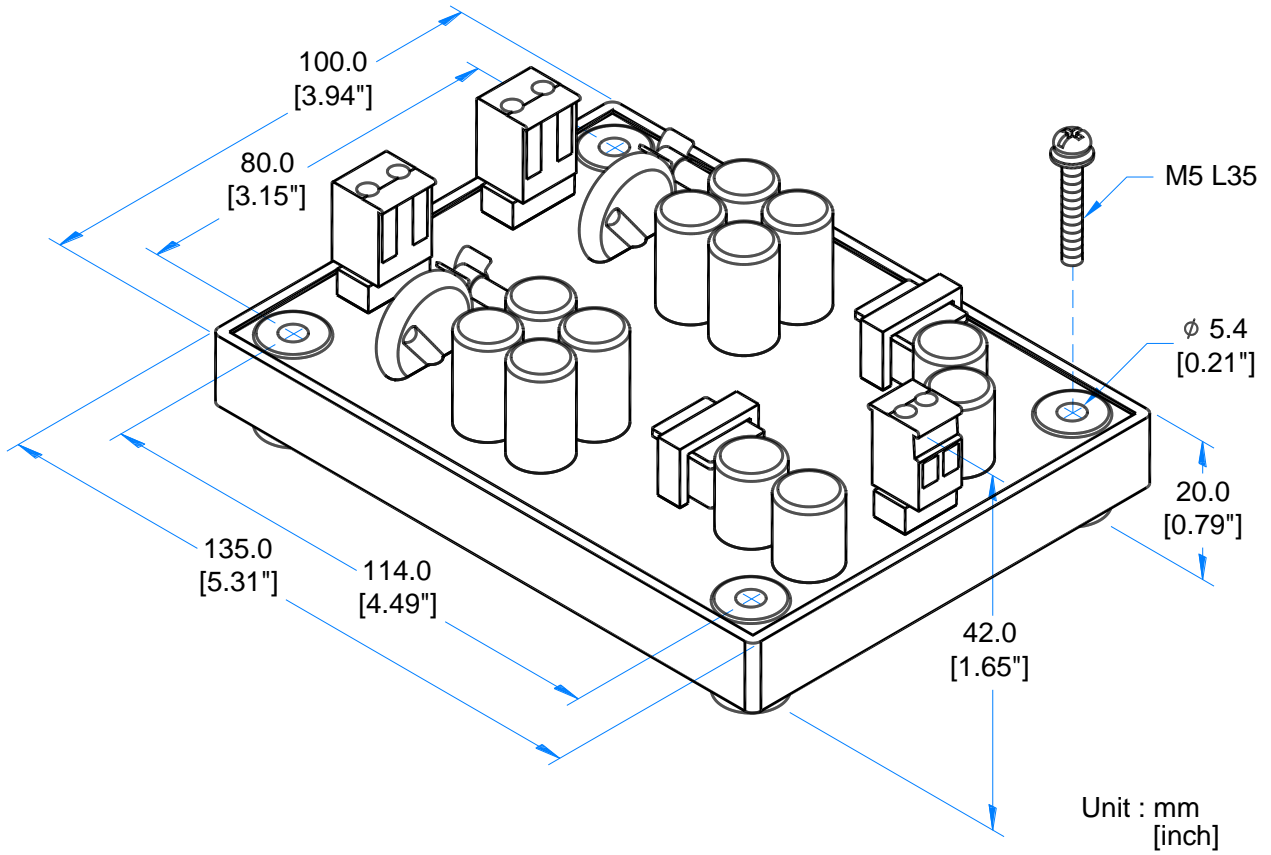
410 g +/- 2%
 0.9 lb +/- 2%

SECTION 3 : OVERVIEW OF PTM-15 EXTERNAL FEATURES



- ※ Use only replacement fuses specified in this user manual.
- ※ Appearance and specifications of products are subject to change for improvement without prior notice.

SECTION 4 : APPEARANCE / DIMENSIONS / INSTALLATION DRAWING



SECTION 5 : RECOMMENDED WIRING DIAGRAM

