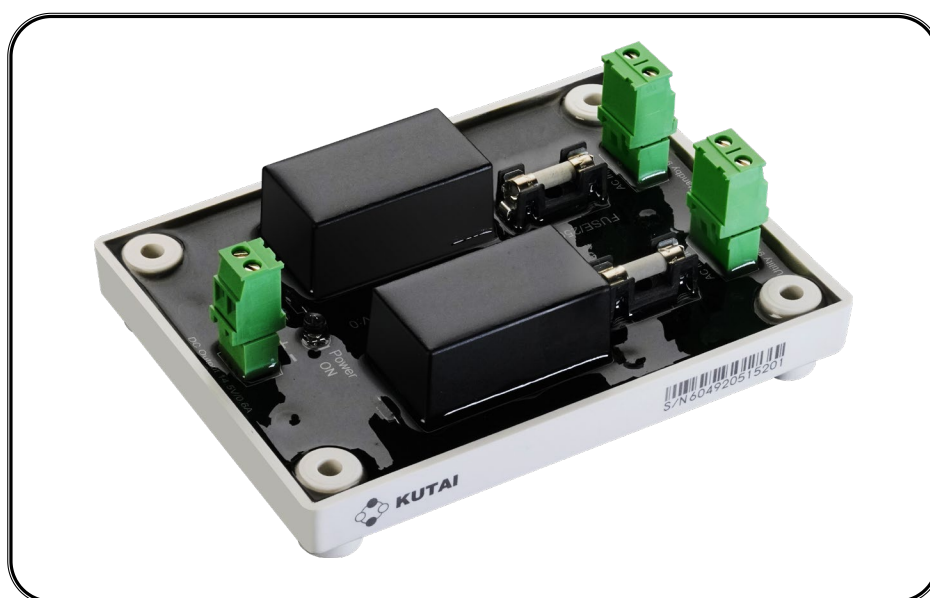


# PTM-16

## ***DC Power Supply Module for ATS Operation Manual***



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## SECTION 1 : INTRODUCTION

The PTM-16 converts two AC power inputs from an automatic transfer switch (ATS) into a stable DC power output, making it suitable for ATS installation sites where DC power is not readily available. It is specifically designed to supply operating power to Kutai ATS-245-DC control units or BTB series ATS that require DC input.

## SECTION 2 : SPECIFICATION

### AC Power Input

Voltage 90 – 305 Vac single-phase, 2-wire  
Frequency 50/60 Hz  
Fuse specification : 5 x 20mm S505-1A, slow blow  
Recommended wire size : 1.25mm<sup>2</sup> (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 14.5 Vdc +/- 1%  
Current Max. 0.6 A  
Recommended wire size : 1.25mm<sup>2</sup> (AWG16)

### Dimensions

135.0 (L) x 100.0 (W) x 44.0 (H) mm  
5.31 (L) x 3.94 (W) x 1.73 (H) inch

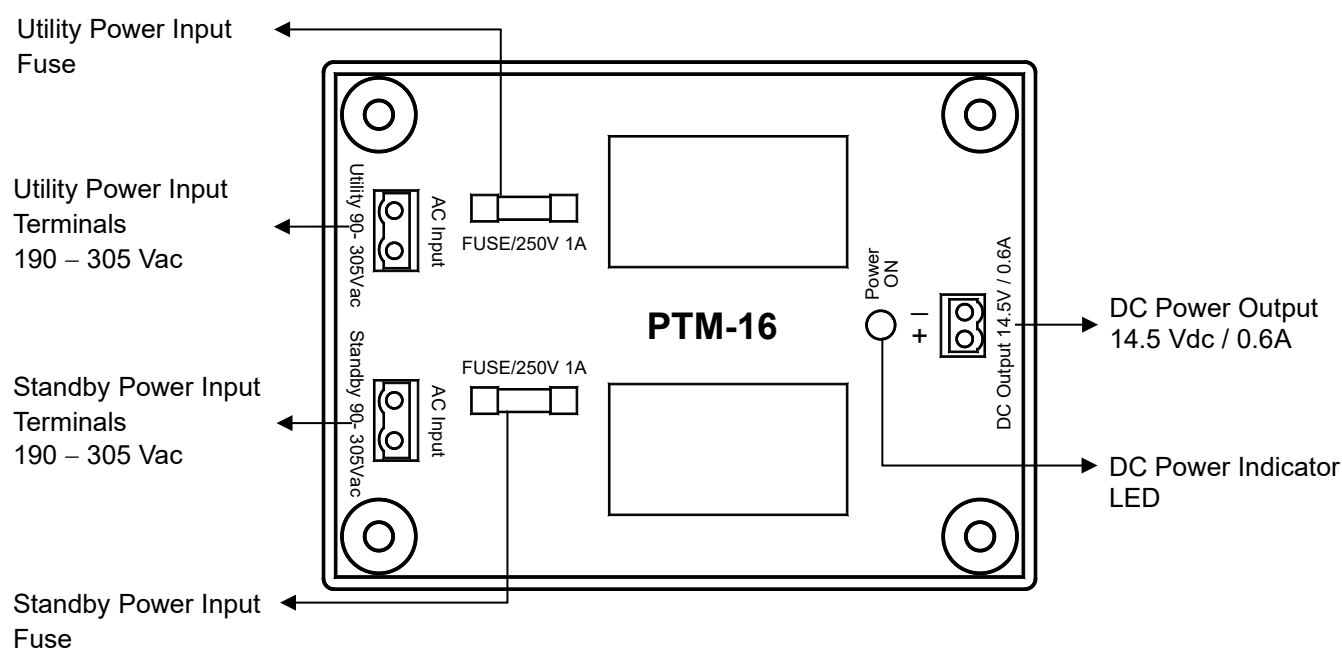
### Weight

293 g +/- 2%  
0.646 lb +/- 2%

### Protection Functions

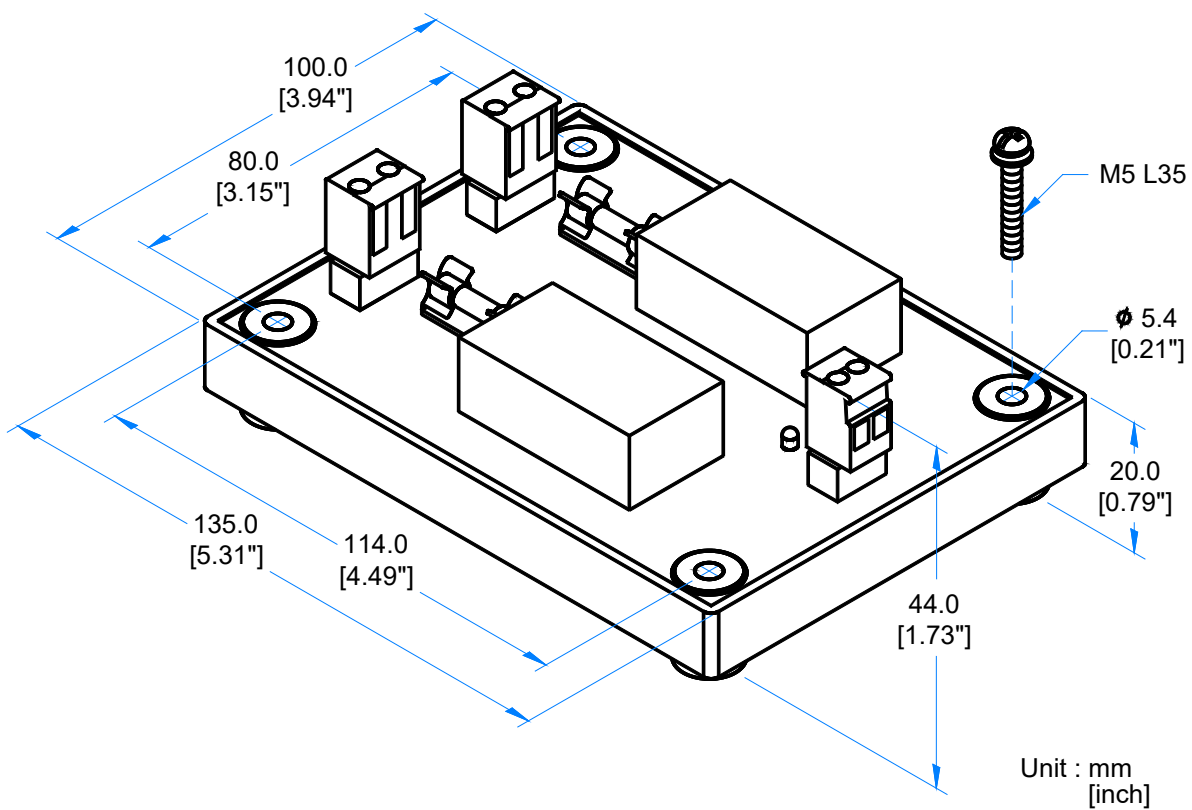
DC Output Short Circuit Shut Down Automatically

## SECTION 3 : OVERVIEW OF PTM-16 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

