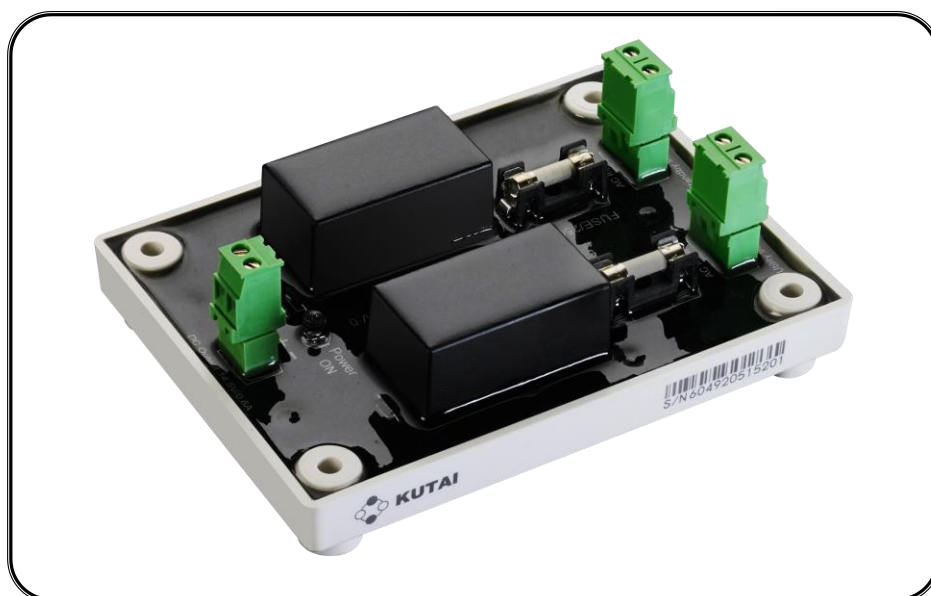


PTM-16

DC Power Supply Module for ATS Operation Manual



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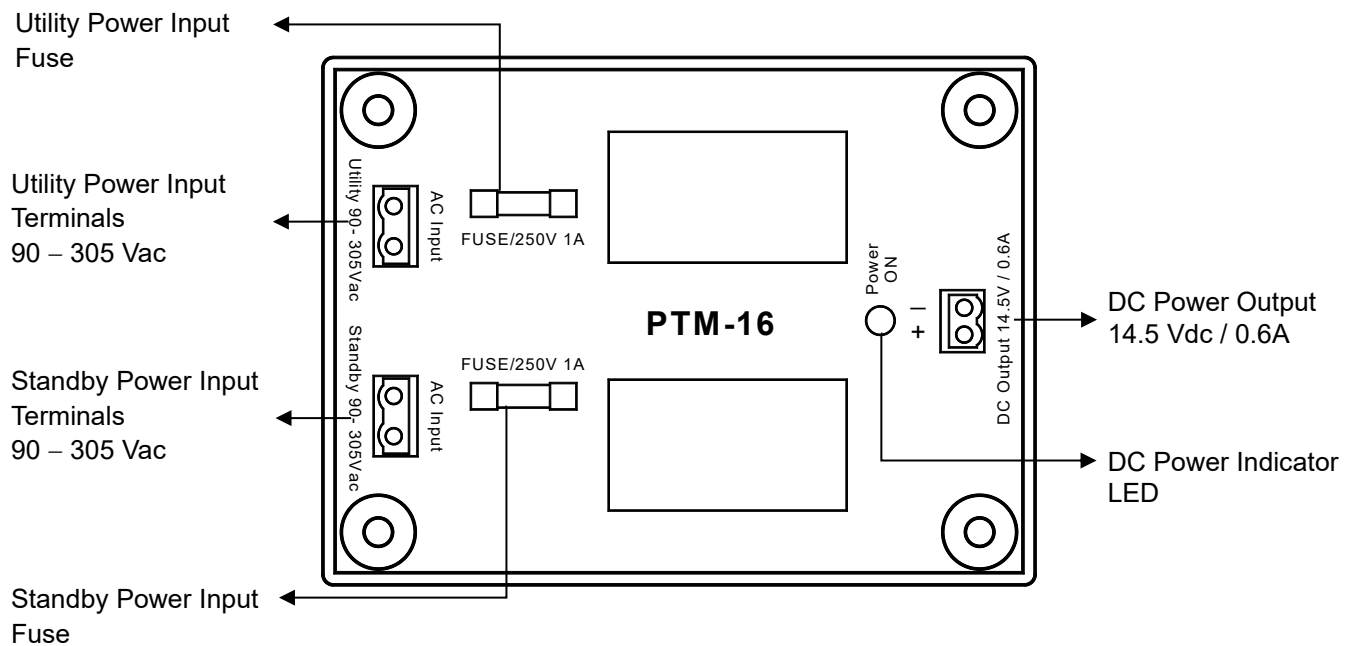
SECTION 1 : INTRODUCTION

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

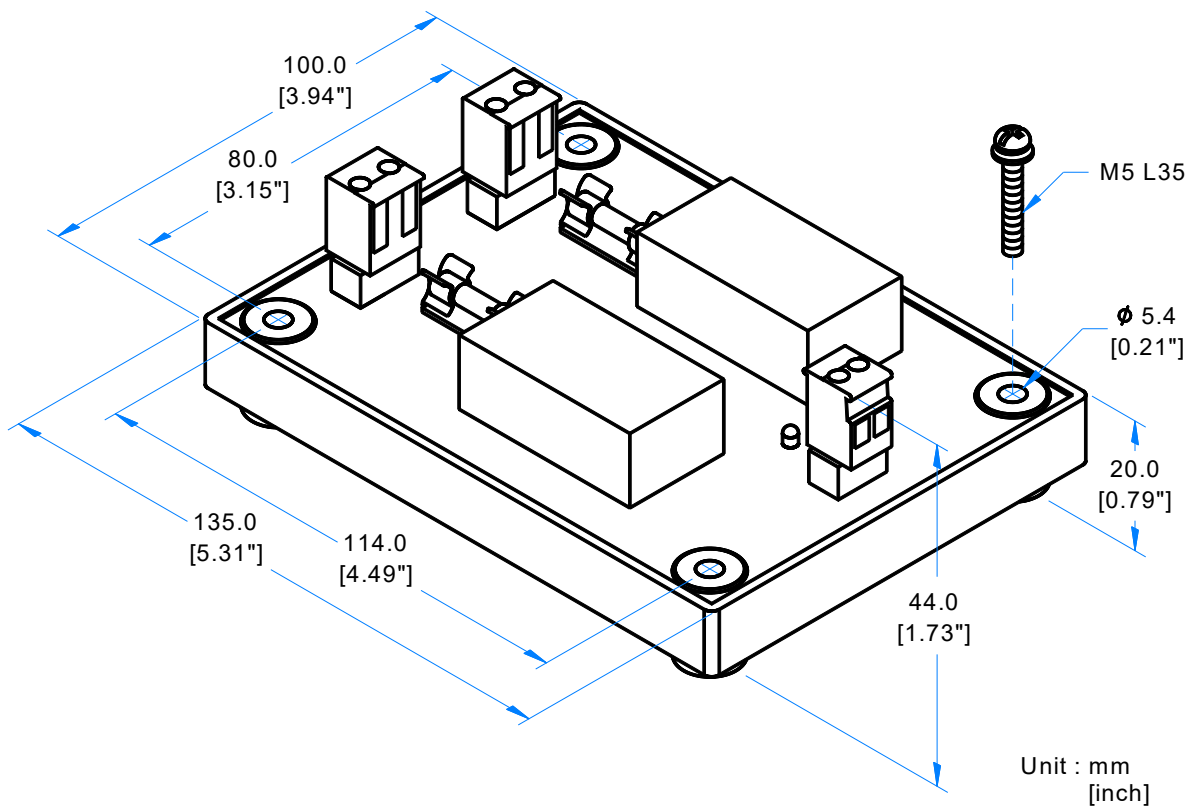
AC Power Input		Operating Environment	
Voltage	90 – 305 Vac single-phase, 2-wire	Operating Temperature	-20 to +60 °C
Frequency	50/60 Hz	Storage Temperature	-40 to +85 °C
Fuse specification	: 5 x 20mm S505-1A, slow blow	Relative Humidity	Max. 95%
Recommended wire size	: 1.25mm ² (AWG16)	Vibration	5 Gs @ 60 Hz
DC Power Output (D+, D-)		Dimensions	
Voltage	14.5 Vdc +/- 1%	135.0 (L) x 100.0 (W) x 44.0 (H) mm	
Current	Max. 0.6 A	5.31 (L) x 3.94 (W) x 1.73 (H) inch	
Recommended wire size	: 1.25mm ² (AWG16)	Weight	
Protection Functions		293 g +/- 2%	
DC Output Short Circuit Shut Down Automatically		0.646 lb +/- 2%	

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

