

Telephone Exchange

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Description

The MODEL 3192 is a power source for Telecom or Information Technology Equipment. The unit is designed to work in a cabinet which provide sufficient isolation to prevent the user for any hazardous voltage or current.

Input

- Input Voltage: 24 - 48 VDC
- Input Voltage Range: 20 – 60 VDC
- Input Positive or Negative can be grounded



Safety & Control

- Input Power
- ON/OFF Switch
- The converter provides a master ON/OFF switch
- Before inserting or removing the unit the switch must be in OFF-position.
- Battery Power
- Interlock Switch
- The converter provides two power interlock switches
- If the handles are not in the locked position the converter will not allow application of power to the output

 APtronic US Headquarter
Naples, Florida - USA

Mechanics

Dimensions: 10.93cm x 9.242cm

Details

Ambient Temperature: -40 ... + 70°C

Product Mounting

The unit have to be mounted into a special designed cabinet and have to be screwed to a heatsink. Two extractor handle latches to hold it in place. The extractor handle latches are engaging and disengaging the battery power interlock switch as described under "2.5.2 Battery Power Interlock Switches".

The heatsink must be able to cool the unit with a maximum power transfer through the heatsink-block of 65W. The surface of the heatsink at the point of connection shall be 78 °C max. during operation.

Output

- Frequency: DC
- Output Voltage 1: +10,5 V_{DC}; Current 1: 12 A
- Output Voltage 2: +12,0 V_{DC}; Current 2: 9,5 A
- Output Voltage 3: -12,0V_{DC}; Current 3: 0,9 A
- Output Voltage 4: -5,0V_{DC}; Current 4: 0,1 A

 APtronic AG Headquarter
Bad Sassendorf, Germany

Features

- Regulated and protected against short-circuits and overload
- Wide input voltage range
- Over Temperature protected
- Meets UL60950 requirements
- Basic Isolation in acc. to UL 60950 from input (TNV1) to output (SELV) and ground
- Input reverse voltage protection

 Production site
Dongguan, China

APtronic AG

Your Partner for customized Power Supplies

APtronic AG

An der Helle 26
D-59505 Bad Sassendorf - Lohne
Germany

Phone +49 (0) 2927-9194-0

Fax +49 (0) 2927-9194-50

info@aptronic.de

 **APtronic**
Aktiengesellschaft
Adaptive Power Solutions