

Excellent Integrated System Limited

Stocking Distributor

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[CUI Inc.](#)
[DMS180165-P5P-IC](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

MODEL NO: DMS180165-P5P-IC		PAGE NO: 1 of 2
PART NO:		UNIT: mm DATE: 12/17/03
All information contained herein applies only to the above listed part number. Other versions of this part number with electrical or mechanical variations are available. Contact CUI Inc. for further assistance. 9615 SW Allen Blvd., Ste. 103, Beaverton OR 97005 800-275-4899 • 503-643-4899 • Fax: 503-643-6129 • www.cui.com		

Features

- Universal input: 90~264VAC
- Continuous short circuit protection
- Over voltage protection
- Conductive EMI meets CISPR/FCC Class B
- High efficiency: 75% typical
- AC plug can be changed



General

Output voltage	18V
Max. load	1.65A
Min. load	0A
Ripple & noise	1%
Voltage accuracy	±2%
Line regulation	±1%
Load regulation	±2%

Input

Input Voltage Range	90~264VAC
Frequency	47~63Hz
Input current	0.7A max
Inrush current	50A max @ 264VAC

Output

Hold-up time	10mS typ. @115VAC
Short-circuit protection	continuous (auto-recovery)
Over-voltage protection	Yes

Environmental

Operating temperature	0~40°C
Storage temperature	-20~85°C

Mechanical

Dimensions	4.24x 2.27x 1.32 Inches
Weight	(0.625 lbs)

Notes:

1. Voltage set point is at 60% load.
2. Add a 0.1µF ceramic capacitor and a 10µF E.L. capacitor to output for ripple & noise measuring @20MHz BW.
3. Line regulation measured from 100VAC to 240VAC, full load.
4. Load regulation measured from 60% to full load and from 60% to 20% load (60% +/- 40% load)

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UNIT: mm(Inches)

FIG.A

