ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Continental Resources / Wall E24S400* at our website: ***Click HERE***

TO 20 WATTS - E SERIES

Switching Buck Regulator

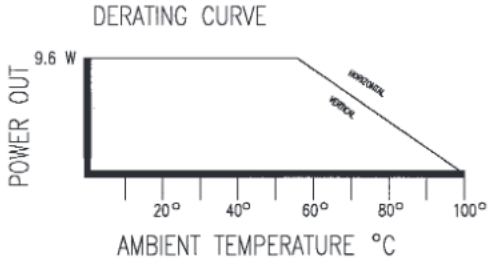
FEATURES

- Single Output
- High Efficiency
- Encapsulated Supply
- Various Mounting Options
- 1500V RMS isolation
- Power Foldback Short Circuit Protection
- Output Current Limiting
- Ten Year Warranty



THE E SERIES FROM WALL INDUSTRIES

The E Series high efficiency AC/DC power supply offers the designer a low cost solution to problems normally associated with series-pass regulated supplies. By employing state-of-the-art switching techniques, this series achieves efficiencies up to 75%.



SPECIFICATIONS: E SERIES

All specifications apply @ +25 C ambient unless otherwise noted.

INPUT SPECIFICATIONS

Input Voltage Range....105-125VAC(see options for alternates)
Input Frequency 50-440Hz
Remote On/Off Control .....N/A

OUTPUT SPECIFICATIONS

Output Current .....See table
Output Voltage Tolerance.....±1% (fixed)
Output Trim (external) .....N/A
Line Regulation (LL-HL) .....±0.15%
Load Regulation (10-100% load).....±0.15%
Short Circuit Protection .....Power Foldback
Over Voltage Protection.....N/A
Ripple/Noise (20MHz BW) .....<7mV RMS
Transient Response .....N/A

GENERAL SPECIFICATIONS

Efficiency .....70% (typical)
Isolation Voltage (input to output).....1500V RMS
Isolation Resistance (input to output) 100MW
Remote Sense .....N/A
Switching Frequency .....40kHz (variable)

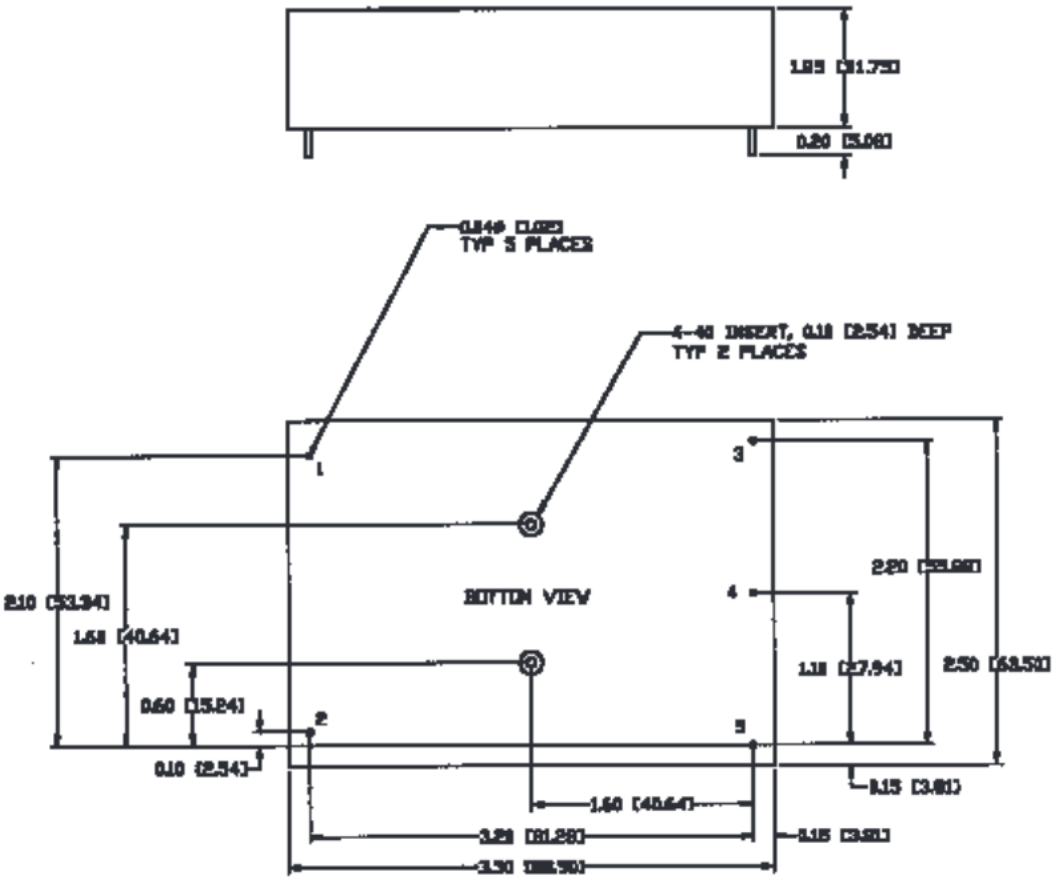
ENVIRONMENTAL SPECIFICATIONS

Operating Temperature .....-25 to +85°C (case)
Storage Temperature .....-55 to +100°C
Humidity (non-condensing).....20% to 95% R.H.

PHYSICAL SPECIFICATIONS

Dimensions: Case A.....1.25 x 2.5 x 3.5"
Case B .....1.55 x 2.5 x 3.5"
Case C .....2.00 x 2.5 x 3.5"
Case Material.....Non-metallic

Due to advances in technology, specifications subject to change without notice.



Input Voltage (VAC)	Output Voltage (VDC)	Output Current (Amps)	Case Height (inches)	Model Number
*90	5	1.0	1.25	E5S1000
to		1.5	1.55	E5S1500
130		2.0	1.55	E5S2000
		3.0	2.0	E5S3000
		4.0	2.0	E5S4000
	12	0.8	1.55	E12S800
		1.2	2.0	E12S1200
		1.5	2.0	E12S1500
	15	0.65	1.55	E15S650
		1.0	2.0	E15S1000
		1.5	2.0	E15S1500
	19	1.0	2.0	E19S1000
	24	0.4	1.55	E24S400

PIN Connections

	Single
1	AC in
2	AC in
3	Return
4	N/C
5	+Vout

Notes:
1. All case and pin to case dimensions reference only unless otherwise noted.
2. Two threaded inserts for mounting, 4-40 x 0.10" deep min.
3. On single output units, do not connect common.
4. Five Pins, 0.04" diameter x 0.20" long (min.).

***OPTIONS:** See Options Selection Guide for additional power supply options and proper pin connections. Add option letter(s) to end of part number when specifying.

AC Input Options: **K** Option allows operation with 200-252VAC in.
K2 Option accepts 105-125 and 200-252VAC (jumper selectable)
N Option accepts 90-105VAC
UK Option accepts 216-265VAC
M Option specifies 2.2" pin spacing between Vin pins.
Screw Terminals available for chassis mounting on all models.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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