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

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

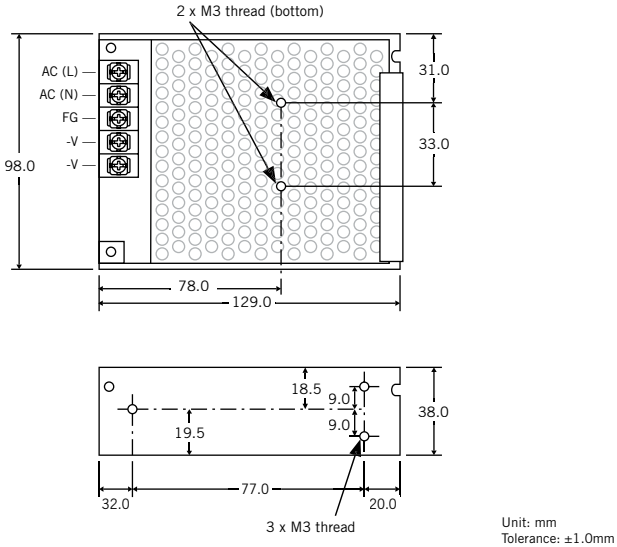
Find the *Triad AWSP40-24* at our website: ***Click HERE***

AWSP40 Series

40 Watt Single Output Enclosed Switching Power Supply for General Purpose Applications



File No. E204980 File No. 50067240



Unit: mm
Tolerance: ±1.0mm

SPECIFICATIONS (@25°C)

Input Characteristics

Input Voltage:	85 - 264VAC
Input Frequency Range:	47 - 63Hz
Max Input Current:	1.0A (max)
Max Inrush Current:	20 / 40A @ 110 / 220 VAC (cold start)

Output Characteristics

Minimum Load:	No minimum load
Adjustable Output Range:	±10%
Ripple/Noise (pk-pk 20MHz):	5/12/24V = 75/100/100mV
Regulation:	±1.0% Load / ±0.5% Line
Hold-up Time:	30ms min, 100% Load @ 220 VAC
Rise-up Time:	300ms max @ 220 VAC
Over Current Protection:	>120%, Auto-Recovery
Over Voltage Protection:	>110% (Zener Diode)

General Specifications

Switching Frequency:	50kHz
Dimension (LxWxH):	5.08 x 3.86 x 1.50" / 129 x 98 x 38mm
Weight:	360g
Warranty:	2 years

Environmental Specifications

Operating Temperature:	0~+45°C Full Load, derate 3.33%/°C up to 60°C
Storage Temperature:	-25~+75°C
Cooling:	Convection Cooled Operation
Humidity:	10~95% RH, non-condensing
Vibration:	10 - 55Hz, 2G 1min / cycle, period of 60min, each axis
Reliability:	>176,000 Hours MTBF

EMC & Safety Specifications

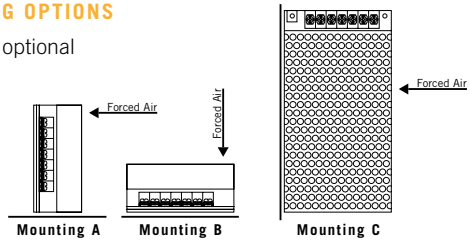
EMC Emissions:	EN55022,VCCI,CISPR22 Class B (Conducted & Radiated); IEC-61000-4-2, 61000-4-4, 61000-4-5, 61000-4-11
Safety Approval:	UL 60950 (UL File No: E204980) TUV EN60950 (TUV No: 50067240)
Dielectric Strength:	Input-Output 3kVAC / 1min Input-Ground 2.5kVAC / 1min
Insulation Resistance:	Output-Ground: >100Mohm / 500VDC

CONNECTOR TYPES

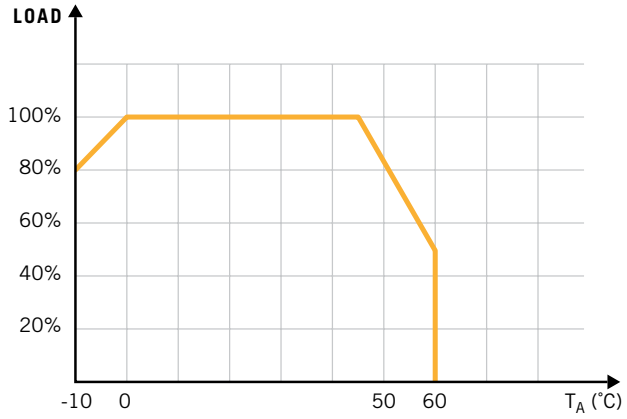
Input: Screw Terminals
Output: Screw Terminals

MOUNTING OPTIONS

Forced air optional



DERATING CURVE



Part Number	Voltage	Current	Efficiency
AWSP40-5	5.0V	7.6A	72%
AWSP40-12	12V	3.3A	77%
AWSP40-24	24V	1.7A	80%

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

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

ARTISAN® TECHNOLOGY GROUP