

Model

Extended Performance  
Single-Output Power Supplies

# XE240

0 to 55°C Operating Temperature w/o Derating

Electrostatically Shielded Transformer

Remote Sensing

## Physical Specifications

Dimensions (cm): 30.33 x 23.50 x 12.40  
(11.94" x 9.25" x 4.88")

Weight: 14.63 kg (32.5 lbs.)

## General Specifications

Item	
Input	115/230VAC ± 10%, 47 - 440Hz (derate output current 15% @ 400Hz)
Output	Floating, adjustable w/ multi-turn cermet pots over range per table
Line Regulation	± 0.05% for 10% line change (0.2% for 20% change)
Load Regulation	± 0.05% for 50% load change (0.2% for 100% change)
Transient Response	<50µs for 50% load change
Noise and Ripple	0.1% peak-to-peak
Stability	± 0.1% max for 24 hrs after warmup
Temp. Coefficient	± 0.01%/°C max.
Operating Temp.	0 - 55°C; Dereate 2%/°C to 71°C

## Output Specifications\*

Model	Output Rating (Vdc)	Output Current (A)
XE240-5	5	50.0
	6	36.0
XE240-12	11	25.8
	12	24.2
	13	23.0
XE240-15	14	22.0
	15	20.6
	16	19.0
XE240-24	20	15.2
	21	15.2
	22	14.0
	23	14.0
	24	13.0
	25	13.0

\* Other voltage/current combinations are available in OEM quantities

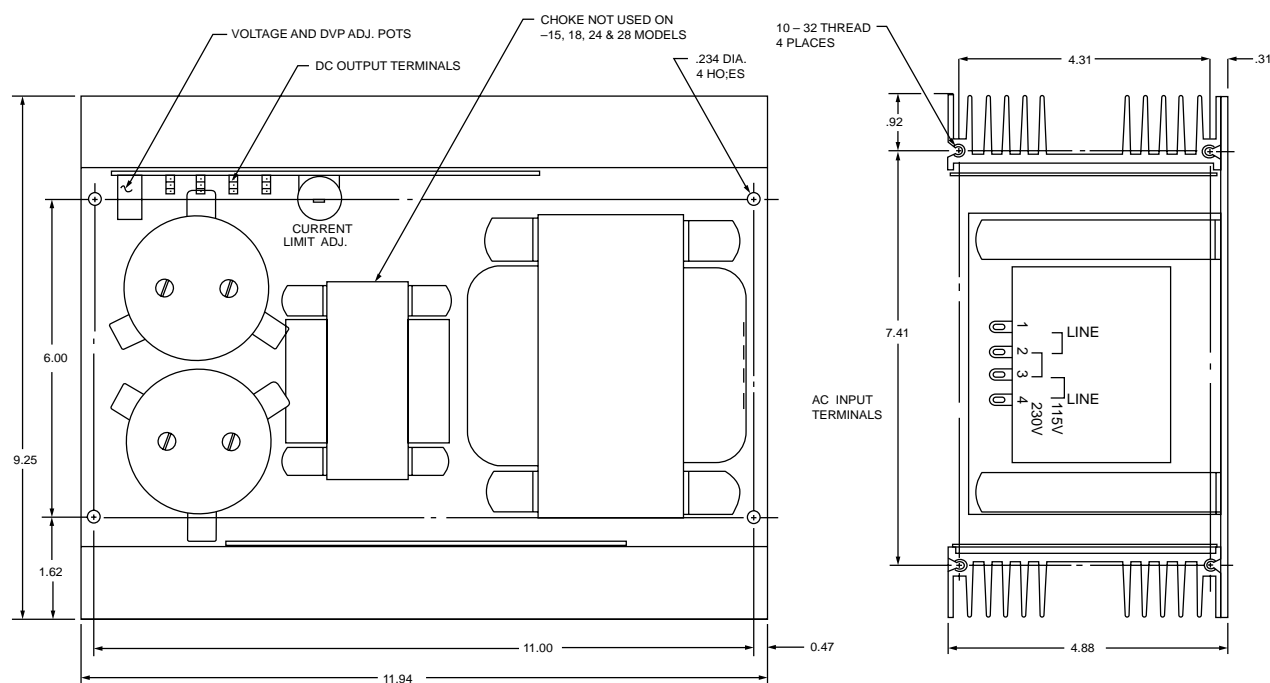
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## Optional Overvoltage Protection (OVP) Specifications

Voltage:	Adjustable with sealed cermet pot
Overvoltage Trip Margin:	Set at 120% nominal
Stability:	±0.1%/°C max. ±0.1%/24 hrs. after warmup
Temperature Coefficient:	0.01%/°C max.
Response Time:	8μsec typical
Speed:	Controlled; no nuisance tripping

## Certifications

UL 478



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