

TECHNICAL DATA
DATA SHEET 4158, REV. –

POWER FACTOR CORRECTION UNIT



FEATURES:

- SEALED PACKAGE
- UNIVERSAL INPUT
- HIGH EFFEINTCY
- PF=0.99
- 1500/3000 WATT
- 110/220 VAC, 60 - 400 HZ
- POWER FAIL SIGNAL
- BASE PLATE RATED TO 100 °C

SPECIFICATIONS:

POWER	1500 W
INPUT RANGE	85 to 265 VAC
INPUT FREQUENCY	47 to 440 HZ
POWER FACTOR	0.99
HARMONIC DISTORTION	<5%
OUTPUT VOLTAGE	380 VDC
THERMAL PROTECTION	110 °C
POWER FAIL SIGNAL	TTL
OPERATING TEMPERATURE	-55 to 125 °C *
THERMAL RESISTANCE	3.5 °C/W
ISOLATION, INPUT to CASE	2500 VDC

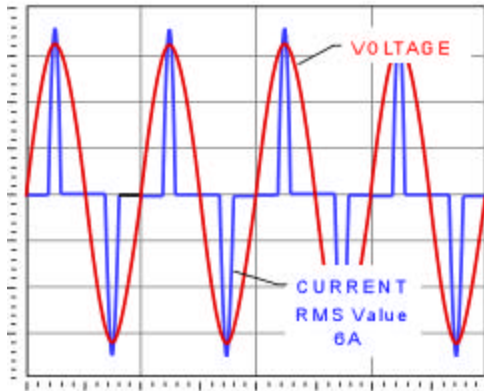
*MUST DERATE ABOVE 100°C BASE PLATE

SENSITRON

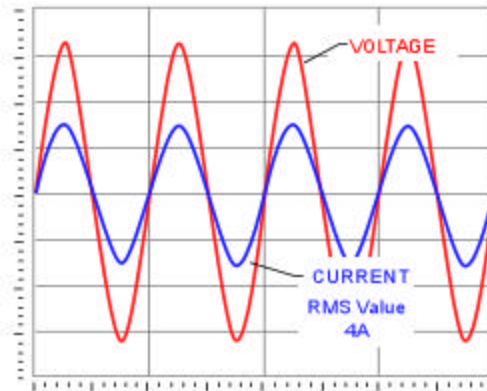
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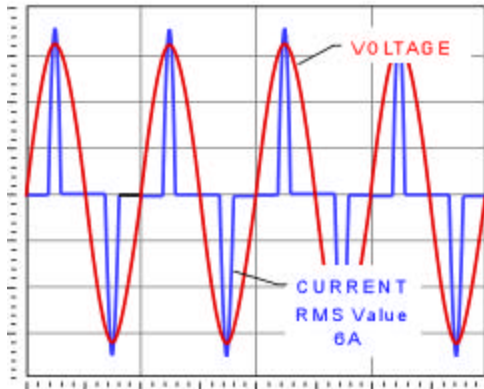


Without PFC

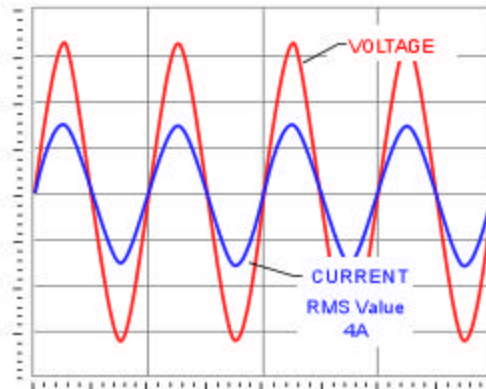


With PFC

POWER FACTOR CORRECTION



Without PFC



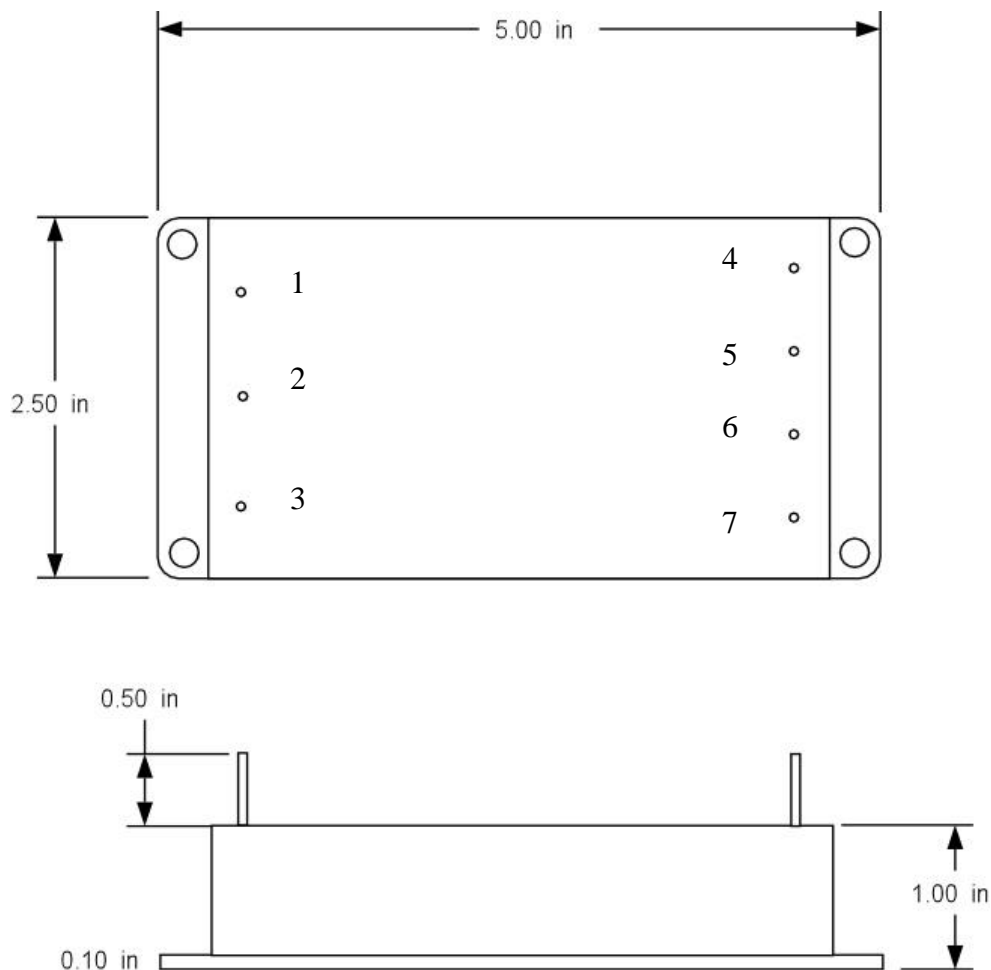
With PFC

SENSITRON

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MECHANICAL DIMENSIONS: in Inches



PIN OUT TABLE

PIN NUMBER	FUNCTION
1	AC INPUT
2	GROUND
3	AC INPUT
4	+DC OUTPUT
5	GROUND
6	TTL
7	- DC OUTPUT

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