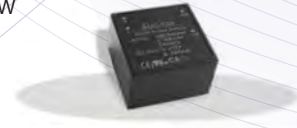


7 Watt

eAUC Series

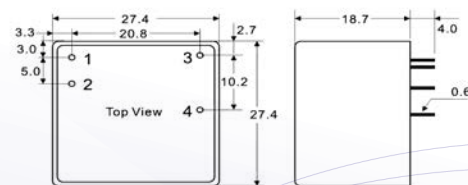
- ◆ Power Module for PCB Mountable
- ◆ Universal Input: 90-264 VAC, 50 / 60 Hz
- ◆ Fully Encapsulated Plastic Case
- ◆ Maximum No-Load Watts <0.1W
- ◆ Isolation Class II
- ◆ CE, CB, UL Approvals
- ◆ 3-Year Warranty



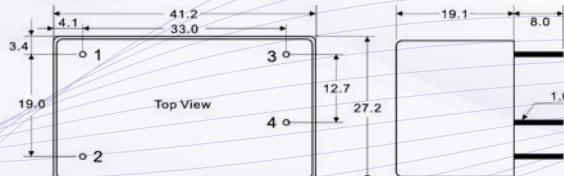
Input Specifications	eAUC	eAVC
Voltage Range	90 ~ 264 VAC or 120~370 VDC	
Frequency	50~60 Hz	47~63 Hz
Output Specifications	eAUC	eAVC
Output Power	7 Watt (max.)	15 Watt (max.)
Voltage Accuracy	±2%	(Full Load and Nominal yin)
Minimum Load	0%	(at Full Load)
Line Regulation	±0.5%	(LL to I-IL at Full Load)
Load Regulation	(typ.)	
Ripple & Noise (20MHz bandwidth)	±1% (10%to 100%at Full Load)	(typ.)
	55:1 uumv (Vp-p)(max.)	ba: 1 uumv (Vp-p)(max.)
	12S:100mV (Vp-p)(max.)	12S:120mV (Vp-p)(max.)
Noise (20MHz bandwidth)	15S:100mV(Vp-p)(max.)	15S:150mV(Vp-p)(max.)
	24S:200mV(Vp-p)(max.)	24S:240mV(Vp-p)(max.)
	55:1 50mV (Vp-p)(max.)	55:1 00mV (Vp-p)
Temperature Coefficient	(max.)	
Short Circuit Protection	125:1 50mV (Vp-p)(max.)	125:1 20mV (Vp-p)(max.)
	155:1 50mV(Vp-p)(max.)	15S:150mV(Vp-p)(max.)
	24S:200mV(Vp-p)(max.)	24S:240mV(Vp-p)(max.)
	± 0.02% / °C	(max.)
	Hiccup mode, indefinite (Automatic recovery)	
General Specifications	eAUC	eAVC
Efficiency (see table list)	77% to 80% (typ.)	80% to 85% (typ.)
Isolation Voltage	3000 VAC (min.)	4000 VAC (min.)
Isolation Resistance	10 ⁹ Ω (Input to Output)	(min.)
Operating Temperature	-40°C to +70°C (with Derating)	
Storage Temperature	-40°C to +85°C	
Humidity	95% RH	(max.)
Cooling	Free-air Convection	
Physical Specifications	eAUC	eAVC
Dimension	24.4 x 24.4 x 18.5 mm	24.4 x 24.4 x 18.5 mm
(Tolerance ±0.5 mm)	1.08 x 1.08 x 0.736 inches	1.62 x 1.07 x 0.75 inches
Weight	26g	40g
Case Material	Plastic resin (flammability to UL 94V-0)	

Derating

AUC Series eAUC Series



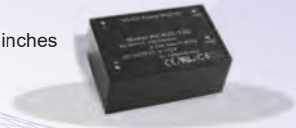
AVC Series Tolerance ± 0.5 mm



15 Watt

eAVC Series

- ◆ Power Module for PCB Mountable
- ◆ Universal Input: 90-264 VAC, 47-63 Hz
- ◆ Regulated Output and Ripple and Noise
- ◆ <0.2W no Load Input Power
- ◆ Small Size: 2.0 x 1.0 x 0.597 inches
- ◆ Isolation Class II
- ◆ CE, UL Approvals
- ◆ 3-Year Warranty



Model

eAUC Single Output

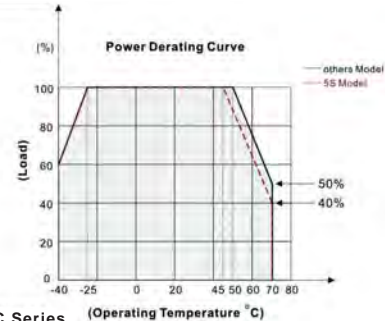
Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (m.A) max.	Eff (%)
eAUC~ 5S	90~264	5	1260	77
eAUC~ 12S	90~264	12	583	80
eAUC~ 15S	90~264	15	466	80
eAUC~ 24S	90~264	24	292	80

eAVC Single Output

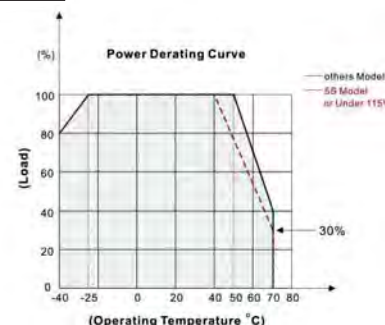
Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (m.A) max.	Eff (%)
eAVC~ 5S	90~264	5	2700	80
eAVC~ 12S	90~264	12	1250	84
eAVC~ 15S	90~264	15	1000	84
eAVC~ 24S	90~264	24	625	85

Derating

eAUC Series



eAVC Series



Pin #

- 1 Single
- 2 AC IN (L)
- 3 AC IN (N)
- 4 +DC OUT
- DC OUT

eAUC / eAVC Series

