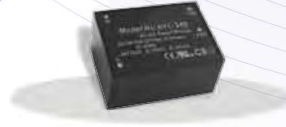


2 Watt

2 Watt

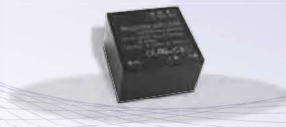
eAYC Series

- ◆ Power Module for PCB Mountable
- ◆ Universal Input: 90-305 VAC, 47-63 Hz
- ◆ Fully Encapsulated Plastic Case
- ◆ Low Ripple and Noise
- ◆ Low Standby < 0.3W
- ◆ Isolation Class II
- ◆ CE, CB, UL Approvals
- ◆ 3-Year Warranty



eAZC Series

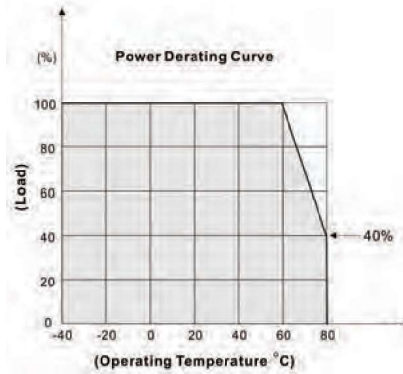
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Input Specifications	eAYC	eAZC
Voltage Range	90 — 305 VAC or 120 — 430 VDC	
Frequency	47. 63 Hz	
Output Specifications	eAYC	eAZC
Output Power	2 Watt (max.)	
Voltage Accuracy	±6% (Full Load and Nominal Vin)	
Minimum Load	0% (at Full Load)	
Line Regulation	± 5% (LL to HL at Full Load) (typ.)	
Load Regulation	±6% (10% to 100% at Full Load) (typ.)	
Ripple & Noise	300mV (Vp-p) (20MHz bandwidth) (max.)	
Temperature Coefficient	-±0.02% / °C	
Short Circuit Protection	Hiccup mode, indefinite (Automatic recovery)	
General Specifications	eAYC	eAZC
Efficiency (see table list)	66% to 75% (typ.)	
Isolation Voltage	3000 VAC (min.)	
Isolation Resistance	10 ⁸ Ω (Input to Output) (min.)	
Operating Temperature	-40°C to +80°C (with Derating)	
Storage Temperature	-40°C to +85°C	
Humidity	95% RH (max.)	
Cooling	Free-air Convection	
Physical Specifications	eAYC	eAZC
Dimension	33.7x22.2x17.0mm	28.5x25.8x17.0mm
(Tolerance ±0.5 mm)	1.33x0.87x0.67 inches	1.12x1.02x0.67 inches
Weight	20.1g	19.9g
Case Material	Plastic resin (flammability to UL 94V-0)	

Model				
▶▶eAYC Single Output				
Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (m.A) max.	Eff (%)
eAYC-3.3S	90~305	3.3	600	66
eAYC-5S	90~305	5	400	70
eAYC-9S	90~305	9	222	73
eAYC-12S	90~305	12	167	73
eAYC-15S	90~305	15	133	73
eAYC-24S	90~305	14	83	75
▶▶eAZC Single Output				
Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (m.A) max.	Eff (%)
eAZC-3.3S	90~305	3.3	600	66
eAZC-5S	90~305	5	400	70
eAZC-9S	90~305	9	222	73
eAZC-12S	90~305	12	167	73
eAZC-15S	90~305	15	133	73
eAZC-24S	90~305	14	83	75

Derating



Outline Dimensions & Pin Connections

eAYC Series

Top View

Dimensions: 33.7, 28.0, 14.0, 7.6, 22.2, 17.0, 0.6

Tolerance ±0.5 mm

eAZC Series

Top View

Dimensions: 28.5, 21.9, 10.8, 6.4, 3.2, 15.9, 25.8, 7.95, 17.0, 0.6

Tolerance ±0.5 mm

Isolation Bottom View

Secondary

Isolation Spacing

Primary

Pin #	eAYC	eAZC
1	AC IN (N)	+DC OUT
2	AC IN (L)	- DC OUT
3	- DC OUT	AC IN (N)
4	+DC OUT	AC IN (L)
5		NC