



OAC10- Series

10 Watt AC/DC Power Supply



NO LOAD CONSUMPTION 0.1 W
 Isolated output 3750VAC
 Short Circuit protection
 Encapsulated compact size 1" X1"
 CE recognized
 ITE & AC Motor Applications
 2 year Warranty



		UNIT		
INPUT	Voltage/Freq	V	Universal Input voltage AC 90V ~ 264V	47 ~ 63Hz
	Current Typ. 110V	A	250 mA	
	220V		150 mA	
	Start-up time 115V	-	2s	
	FUSE EXTERNAL			
Inrush Current	A	115V 20 (Ta=25°C , Io=100% at cold Start); 230V 40 (Ta=25°C , Io=100% at cold Start)		
Leakage	mA	264V=0.25		

		UNIT	OAC10-3.3	OAC10-5	OAC10-12	OAC10-24
OUTPUT	Nominal Voltage	VDC	3.3	5	12	24
	Efficiency typ	%	70	76	78	80
	Current	A	2.5	2.0	0.84	0.42
	Capacitive Load max.	uF	18000uF	4800uF	2000uF	360uF
	Line Regulation	mV	+/-1.5	+/-1.5	+/-1.5	+/-1.5
	Load Regulation	mV	+/-2	+/-2	+/-2	+/-2
	Ripple Noise maximum	mVp-p	180	150	150	180
	Hold up Time	mS	115V/60 Hz 8ms			
	Over Load Protection	-	Auto Recovery	Auto Recovery	Auto Recovery	Auto Recovery
	Short Circuit Protection	-	CONT. Auto Recovery	CONT. Auto Recovery	CONT. Auto Recovery	CONT. Auto Recovery

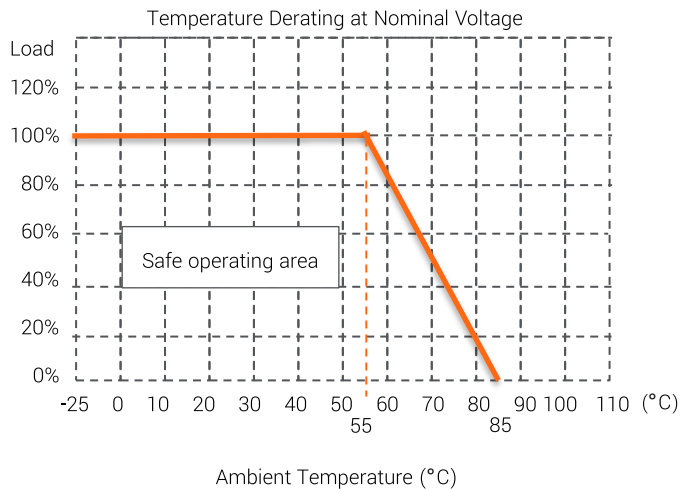
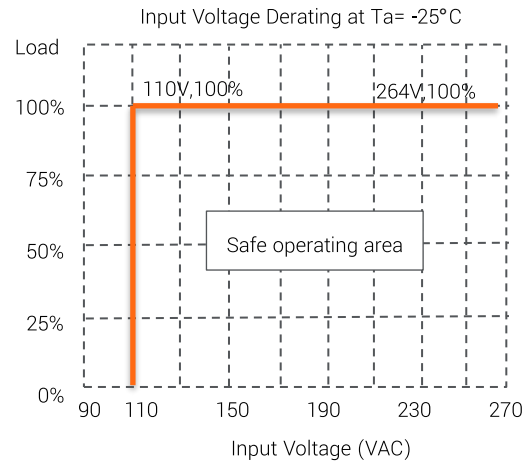
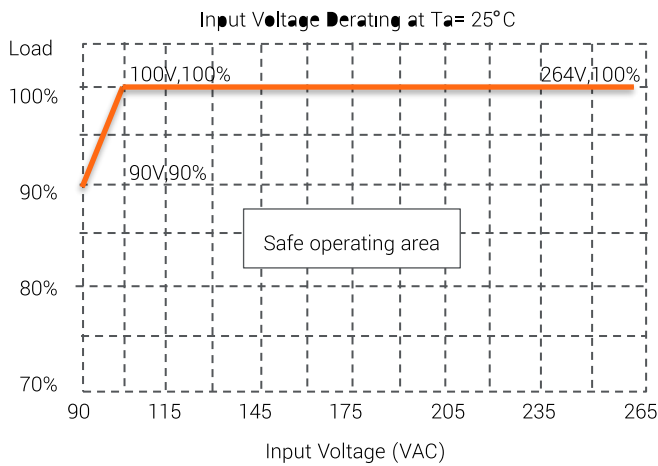
Isolation	Isolation Voltage	1Min. Pri to Sec. cut-off current 5mA	3750VAC
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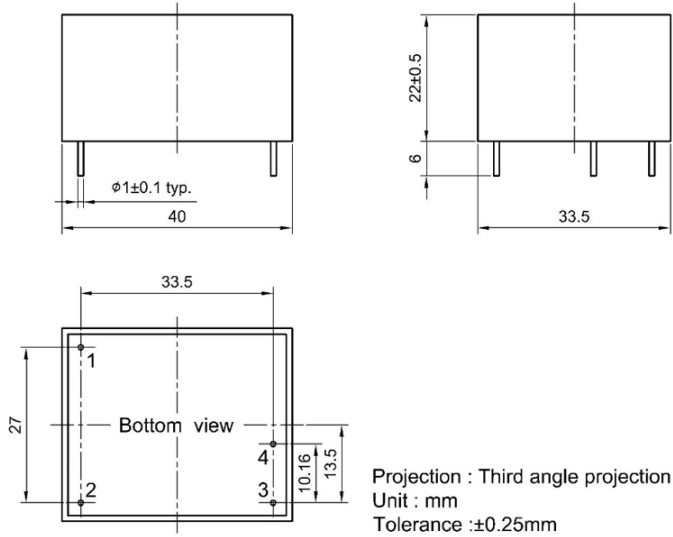
Environment	Isolation Capacitance	TYP. 1100 pF		
	Isolation Resistance	DC 500V 1 minute GΩ (At room temperature & Humidity)		
	Operating temp/hum	-25~ +55☒		
	Storage temp/hum	-25 ~ +85☒ HUMIDITY 95%		
	Vibration	MIL-STD-202G		
Safety	MTBF	115VAC@ 25C	776K hrs; 230VAX@25C	606K hrs
	CE	IEC61000-4-2 ESD, IEC61000-4-4 EFT, IEC61000-4-5 SURGE CLASSA		
	Line Emission	EN55032-B		
Size	MM/G	40X33.5X22	42 grams	

OUTPUT DERATING CURVE AND RECCOMENDED MOUNTING DIAGRAM



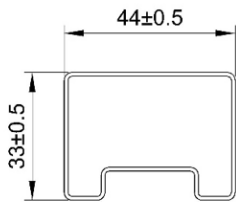


DIMENSIONAL DRAWING (mm)



Pin	Single
1	Vin(N)
2	Vin(L)
3	+Vout
4	-Vout

Package



UNIT:mm
 1 Tube = 14 pcs
 Length: 520 ± 2 mm

Ripple and Noise

