

## AOFD480

## 480W Din Rail Mount

### FEATURES

- Universal AC input 90~264VAC and 127~370 VDC
- Flexible Din Rail Mount
- Industrial Temp Range -25 ~ +70°C range
- Rugged Design
- **Warranty: 2 years**
- Installation on DIN rail 30mm only
- PFC as standard (180W-240W)
- Over voltage protection
- Over current protection
- LED Indicator for DC power ON
- LED Indicator for DC low



	MODEL/CHANNEL	Unit	AOFD480-24	AOFD480-48	
<b>OUTPUT</b>	Norminal Voltage	V	24	48	
	Setting Voltage Range	V	23.7~24.3	47.4 ~ 48.6	
	Voltage Adjustment Range	V	24 ~ 28	48 ~ 55	
	Current	A	20	10	
	Rated Power	W	480	480	
	Line Regulations	mV	240	480	
	Load Regulations	mV	240	480	
	Temperature Drift	mV	360	720	
	Ripple& Noise(pk-pk) (*1)	mV	300	300	
	Turn-on Time typ.	110V 220V	ms	3600 (AC IN 110V, Io=100%) 1500 (AC IN 220V, Io=100%)	
Hold-up Time typ.		ms	14 (AC IN 220V, Io=100%)		
<b>INPUT</b>	Voltage, Frequency	V	AC100-240(AC 90-264, 50/60Hz(47-63) or DC127-370V (Universal Input)		
	Current Typ.	110V 220V	A	5 2.5	
	Efficiency Typ.	110V 220V	%	90 90	92 92
	Power factor Typ.	110V 220V	-	0.98 (Io= 100%) 0.94 (Io= 100%)	
	Inrush Current Typ.	110V 220V	A	40 (Ta=25°C, Io=100% at Cold Start) 80 (Ta=25°C, Io=100% at Cold Start)	
	Leakage Current 1mA Max 220V		mA	2mA	
	<b>Function</b>	Over Voltage Protection	V	29-33	55-65
Over Current Protection		A	22-30	11-15	
DC_OK Lamp		-	LED (GREEN)		
DC_LOW Lamp		-	LED (RED)		
DC_OK Relay contact(max.)		-	60VDC/0.3A, 30VDC/1A, 30VAC/0.5A resistive load		
Parallel/Series Operation		-	possible (3+1) / possible		
Cooling / O.T.P		-	Convention Cooling		
<b>Electrical Isolation</b>	(1) Input - Output	-	AC 3KV 1 min, cut-off: 20mA / DC 500V 100MΩ		
	(2) Input - F.G	-	AC 2KV 1 min, cut-off: 20mA / DC 500V 100MΩ		
	(3) Output - F.G	-	AC 0.5KV 1 min, cut-off:100mA / DC 500V 100MΩ		
<b>Environment</b>	Operating temp. & Humidity	-	-25 ~ +60°C(Required Derating), 20~90%RH (Non Condensing)		
	Storage temp. & Humidity	-	-40~+85°C, 20~90% RH (Non Condensing)		
	Vibration	-	10~55Hz at 2G 1 minutes period, 1 hour along X,Y and Z axis		
<b>Dimension</b>	Size(WxLxH) / Weight	mm/g	85x125x130/1700		
	Safety	-	CE, CB		
	Emission	-	LINE CONDUCTED RF VOLTAGE Complies with EN55011.EN55022-B, FCC-B		
	PFHC	-	Harmonic Current Complied with EN61000-3-2 (Class-A)		



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