	PS-C480 S Specifications	S	 Features: High efficiency 94% and low power dissipation 150% peak load capability Built-in active PFC function, PF>0.94 Protections: Short Circuit / Overload / Over Voltage / Overtemperature Cooling by free air convection Built-in constant current limiting circuit DIN rail mountable UL 508(industrial control equipment) approved EN61000-6-2(EN50082-2) industrial immunity level Built-in DC OK relay contact 100% full load burn-in test 				
OUTPUT	Cat. No.	PS-C48024	• 3 year warra	PS-C48048			
	DC VOLTAGE RATED CURRENT CURRENT RANGE RATED POWER PEAK CURRENT PEAK POWER		ax. and the average	48V 10A $0 \sim 10A$ 480W 15A e output power should not exceed the rate power 100mVa = 1			
	RIPPLE & NOISE (max) VOLTAGE ADJ. RANGE VOLTAGE TOLERANCE LINE REGULATION	100mVp-p Ripple & noise are measured at 20N 24 ~ 28V ±1.2% Tolerance: includes set up tolerand ±0.5%		120mVp-p a 12 twisted pair-wire terminated with a 0.1μ F & 47μ F parallel capacitor. 48 ~ 55V ±1.0% d regulation. ±0.5%			
INPUT	LOAD REGULATION SETUP, RISE TIME HOLD UP TIME (Typ.)	±1.0% 1500ms, 150ms / 230VA0 14ms / 230VAC at full loa		±1.0% Oms / 115VAC at full load			
PROTECTION	VOLTAGE RANGE FREQUENCY RANGE POWER FACTOR (Typ.) EFFICIENCY (Typ.) AC CURRENT (Typ.) INRUSH CURRENT (Typ.) LEAKAGE CURRENT	Derating may be needed under low $47 \sim 63 Hz$	115VAC at full load 230VAC	check the derating curve for more detail			
	OVERLOAD OVERVOLTAGE OVERTEMPERATURE	Normally works within 11 down overvoltage with au	to-recovery stant current limitir seconds Itage with auto-recovery on heat sink of po	wer switch)			
ENVIRONMENT	DC OK RELAY CONTACT RATINGS (max.)	60VDC / 0.3A; 30VDC / 1A	- · ·				
	Working Temp. Working Humidity Storage Temp., Humidity Temp. Coefficient	$\begin{array}{l} -25 \sim +70^{\circ} C \; (\text{Refer to out} \\ \text{Installation clearances: 40mm on } \\ \text{permanently with full power. In ca.} \\ 20 \sim 95\% \; \text{RH non-conder} \\ -40 \sim +85^{\circ} C, \; 10 \sim 95\% \; \text{F} \\ \pm 0.03\% \; / \; ^{\circ} C \; (0 \sim 50^{\circ} C) \end{array}$	put load derating c op, 20mm on the bottom se the adjacent device is nsing RH	surve) , 5mm on the left and right side are recommended when loaded a heat source, 15mm clearance is recommended.			
SAFETY & EMC	VIBRATION MOUNTING SAFETY STANDARDS WITHSTAND VOLTAGE ISOLATION RESISTANCE EMI CONDUCTION & RADIATION HARMONIC CURRENT EMS IMMUNITY	$I/P-O/P, I/P-FG, O/P-FG: \ge$ Compliance to EN55022 (Compliance to EN61000-3	2-6 1.5KVAC 0/P-F6 100M 0hms/500V/ CISPR22) Class B 3-2,-3 1-2,3,4,5,6,8,11; E	G: 0.5KVAC 0/P-DC 0K: 0.5KVAC DC (25°C; 70% RH) NV50204; EN55024; EN61000-6-2; (EN50082-2),			
OTHERS	MTBF Dimension Packing	re-confirmed that it still meets EM 112.9K hrs min. MIL-HE 85.5x125.2x128.5mm (W 1.6Kg; 8pcs / 13.8Kg / 0.9	C directives. DBK-217K (25°C) xHxD) 9CUFT	stalled into a final equipment. The final equipment must be			

Mechanical Specification

								H		128.5	
						1	DC OK		d O		
Terminal	Pin No. Assignment (TB1) Ter	minal	Pin No. Assignmer	nt (TB2)				/		L
Pin No.	Assignment	Pi	in No.	Assignment		5					
1	FG 🖨		1,2	DC OUTPUT +V		125.2			Ø		
2	AC/N		3,4	DC OUTPUT -V							4
3	AC/L		5,6	Relay Contact			O DCOK O*+VADJ	'	\		
			7,8	NC			3 5 -				
									(Ľ
							85.5				

DC OK Relay Contact

-25

20 30

AMBIENT TEMPERATURE (°C)

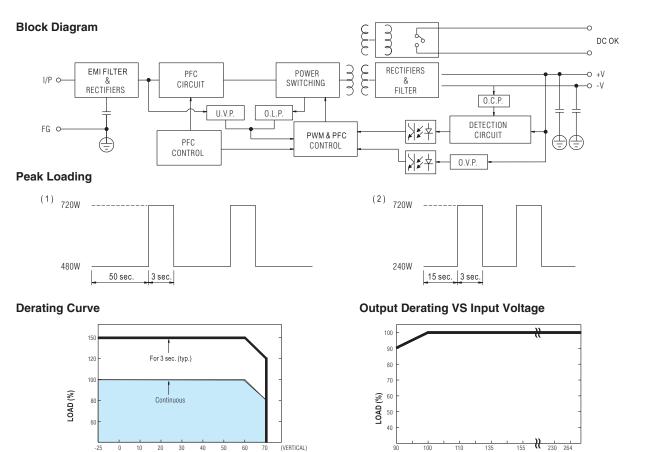
10

40 50 60

70

(VERTICAL)

Contact Close	When the output voltage reaches the adjusted output voltage.
Contact Open	When the output voltage drop below 90% output voltage.
Contact Ratings (max.)	30V/1A resistive load



Note: All dimensions are in millimeters, to convert to inches multiply by 0.03937.

INPUT VOLTAGE (V) 60Hz