



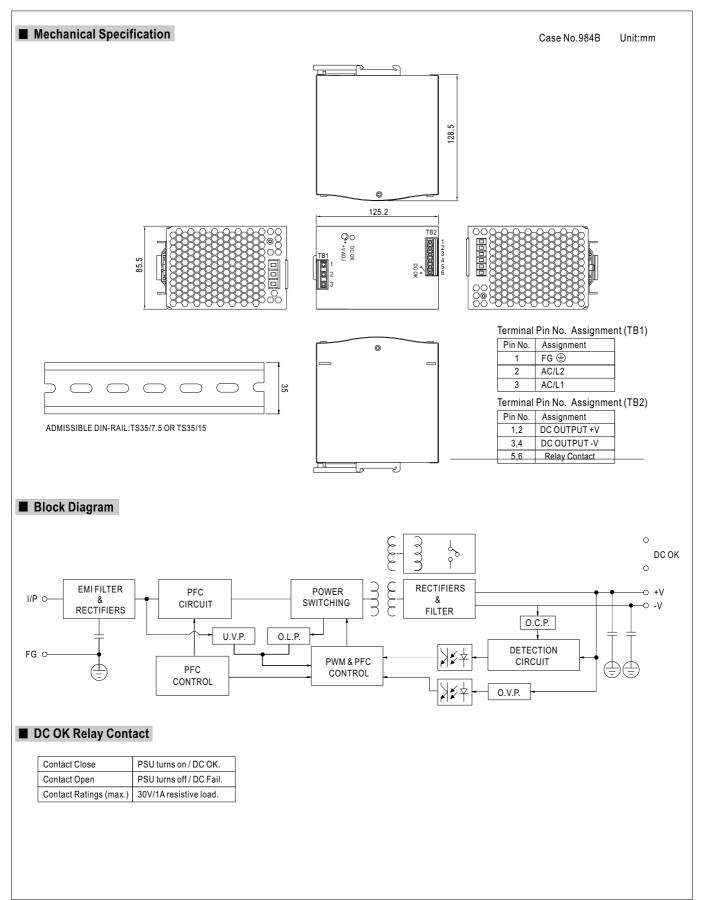
Features:

- Single and two phase wide input range 180~550VAC
- Built-in active PFC circuit compliance to EN61000-3-2
- High efficiency 93% and low power dissipation
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Cooling by free air convection
- Can be installed on DIN rail TS-35/7.5 or 15
- 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
- 3 years warranty

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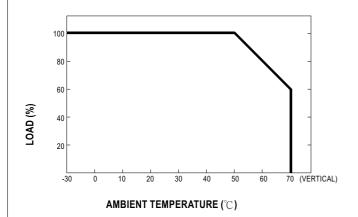
MODEL		WDR-480-24	WDR-480-48	
ОИТРИТ	DC VOLTAGE	24V	48V	
	RATED CURRENT	20A	10A	
	CURRENT RANGE	0 ~ 20A	0 ~ 10A	
	RATED POWER	480W	480W	
	RIPPLE & NOISE (max.) Note.2		150mVp-p	
	VOLTAGE ADJ. RANGE	24 ~ 28V	48 ~ 55V	
	VOLTAGE TOLERANCE Note.3	±1.0%	±1.0%	
	LINE REGULATION	±0.5%	±0.5%	
	LOAD REGULATION	±1.0%	±1.0%	
	SETUP, RISE TIME	800ms, 150ms/400VAC 2000ms, 150ms/230VAC at full lo	ad	
	HOLD UP TIME (Typ.)	18ms / 400VAC 16ms / 230VAC at full load		
INPUT	VOLTAGE RANGE Note.6	180 ~ 550VAC 254 ~ 780VDC		
	FREQUENCY RANGE	47 ~ 63Hz		
	POWER FACTOR (Typ.)	PF≥0.84/400VAC PF≥0.84/230VAC		
	EFFICIENCY (Typ.)	92%	93%	
	AC CURRENT (Typ.)	1.6A/400VAC 4A/230VAC		
	INRUSH CURRENT (Typ.)	COLD STAR 50A		
	LEAKAGE CURRENT	<3.5mA / 530VAC		
PROTECTION	OVERLOAD	105 ~ 130% rated output power		
		Protection type: Constant current limiting, unit will shut down aft	er 3 sec. ,auto-recovery after 1 minute if the fault condition is remove	
	OVER VOLTAGE	29 ~ 33V	56 ~ 65V	
		Protection type: Shut down o/p voltage, auto-recovery after 1 minute if the fault condition is removed		
	OVER TEMPERATURE	95°C ±5°C (TSW) detect on heatsink of power switch		
		Protection type: Shut down o/p voltage, recovers automatically after temperature goes down		
FUNCTION	DC OK REALY CONTACT RATINGS (max.)			
ENVIRONMENT	WORKING TEMP. Note.5	-30 ~ +70°C (Refer to "Derating Curve")		
	WORKING HUMIDITY	20 ~ 95% RH non-condensing		
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH		
	TEMP. COEFFICIENT	±0.03%/°C (0~50°C)		
	VIBRATION	Component: 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes; Mounting: Compliance to IEC60068-2-6		
SAFETY & EMC (Note 4)	SAFETY STANDARDS	UL508 approved, IEC60950-1 CB approved by SIQ, design refer to GL		
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC		
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:>100M Ohms / 500VDC / 25°C / 70% RH		
	EMC EMISSION	Compliance to EN55022 (CISPR22), EN61204-3 Class B, EN61000-3-2,-3		
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, EN61000-6-2 (EN50082-2), EN61204-3, heavy industry level, criteria A approved		
OTHERS	MTBF	112.8Khrs min. MIL-HDBK-217F (25°C)		
	DIMENSION	85.5*125.2*128.5mm (W*H*D) 1.7Kg; 8pcs/14.6Kg/0.9CUFT		
NOTE	Ripple & noise are measure Tolerance : includes set up The power supply is consided EMC directives. Installation clearances : 40n	1.7Ng, opcs/14.0Ng/0.9CUF1 ally mentioned are measured at 400VAC input, rated load and 25°C of ambient temperature. red at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. to tolerance, line regulation and load regulation. dered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets from top, 20mm on the bottom, 5mm on the left and right side are recommended when loaded permanently with full power. e is a heat source, 15mm clearance is recommended. under low input voltage. Please check the derating curve for more details.		











■ Output derating VS input voltage

