COSEL **Unit type**

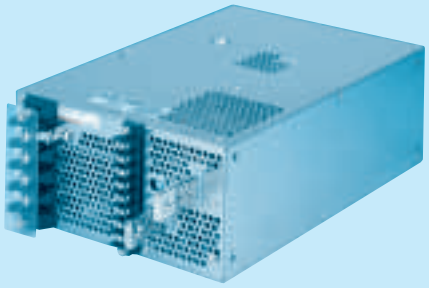
PT1500U

P

Ordering information

P	T	1500	U	-5	-□
①	②	③	④	⑤	⑧

RoHS



RoHS : Please consult us for details

①Series name
②Triple input phase
③Output wattage
④UL recognized,CSA certified:U
⑤Output voltage
⑥Optional
C :with Coating

MODEL	PT1500U-5	PT1500U-24
OUTPUT VOLTAGE[V]	5	24
OUTPUT CURRENT[A]	300	65

SPECIFICATIONS

	MODEL		PT1500U-5	PT1500U-24
INPUT	VOLTAGE[V]		AC170 - 264 3φ	
	CURRENT[A]	ACIN 200V	6typ (Io=100%)	
	FREQUENCY[Hz]		47 - 63	
	EFFICIENCY[%]		80typ	83typ
	POWER FACTOR	ACIN 200V	0.95typ (Io=100%)	
	INRUSH CURRENT[A]	ACIN 200V	40typ	
	LEAKAGE CURRENT[mA]		0.75max (60Hz by UL, CSA standards) / 1.0max (60Hz by DEN-AN)	
OUTPUT	VOLTAGE[V]		5	24
	CURRENT[A]		300	65
	MAX OUTPUT WATTAGE[W]		1500	1560
	LINE REGULATION[mV]		20max	96max
	LOAD REGULATION[mV]		40max	150max
	RIPPLE[mVp-p]	0 to +50℃ *2	80max	120max
		-10 - 0℃ *2	140max	160max
	RIPPLE NOISE[mVp-p]	0 to +50℃ *2	120max	150max
		-10 - 0℃ *2	160max	180max
	TEMPERATURE REGULATION[mV]	0 to +50℃	50max	240max
	DRIFT[mV]	*1	20max	96max
	START-UP TIME[ms]		800max (ACIN 170V, Io=100%)	
	HOLD-UP TIME[ms]		20typ (ACIN 200V, Io=100%, 0 to +50℃) 10typ (ACIN 170V, Io=100%, 0 to +50℃)	
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]		4.00 - 5.50	19.20 - 26.40
PROTECTION CIRCUIT	OVERCURRENT PROTECTION		Works over 105% of rating	
	OVERVOLTAGE PROTECTION		Works at 115 - 140% of rating	
	OPERATING INDICATION		LED (Green)	
	REMOTE SENSING		Provided	
	REMOTE ON/OFF		Provided (isolated from output)	
ISOLATION	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)	
	INPUT-FG		AC1,500V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)	
	OUTPUT-FG, COVER		AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩmin (At Room Temperature)	
	OUTPUT-RC		AC100V 1minute, Cutoff current = 100mA, DC100V 50MΩmin (At Room Temperature)	
ENVIRONMENT	OPERATING TEMP.,HUMID.AND ALTITUDE		-10 to +50℃ (Refer to DERATING CURVE), 3,000m (10,000feet) max	
	STORAGE TEMP.,HUMID.AND ALTITUDE		-20 to +75℃, 9,000m (30,000feet) max	
	VIBRATION		10 - 55Hz, 19.6m/s² (2G), 3minutes period, 60minutes each along X, Y and Z axis	
	IMPACT		196.1m/s² (20G), 11ms, once each X, Y and Z axis	
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS		UL60950-1, CSA C22.2 No.234 Complies with DEN-AN	
	CONDUCTED NOISE		Complies with FCC-A	

*1 Drift is change in DC output for an eight hour period after a half-hour warm-up at 25℃, with the input voltage held constant at the rated input/output.
*2 According to 20MHz oscilloscope or Ripple-Noise meter(equivalent to KEISOKU-GIKEN : RM101).