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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
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Custom engineering
so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
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Expert team | Trust guarantee | 100% satisfaction

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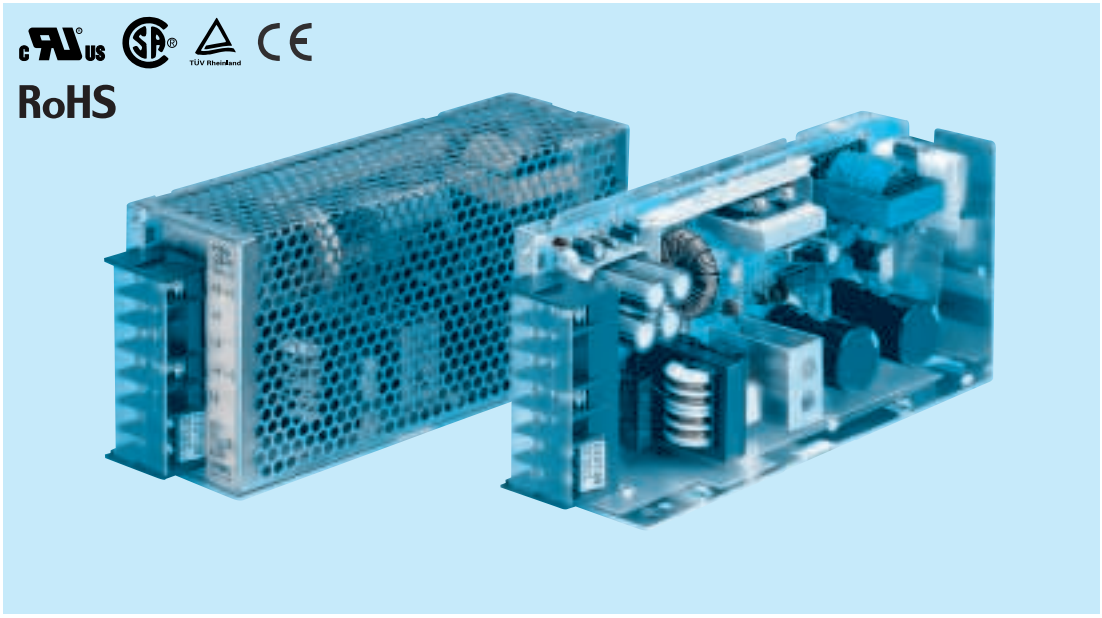
COSEL Unit type

P150E

P

Ordering information

P ① 150 ② E ③ -5 ④ -□ ⑤



①Series name
②Output wattage
③UL recognized,TÜV approved,
CSA certified:E
④Output voltage
⑤Optional ＊3
C :with Coating
G :Low leakage current
N :with Cover

MODEL	P150E-5	P150E-9	P150E-12	P150E-15	P150E-18	P150E-24	P150E-30	P150E-48
MAX OUTPUT WATTAGE[W]	150	150.3	156	150	151.2	156	150	158.4
DC OUTPUT	5V 30A	9V 16.7A	12V 13A	15V 10A	18V 8.4A	24V 6.5A	30V 5.0A	48V 3.3A

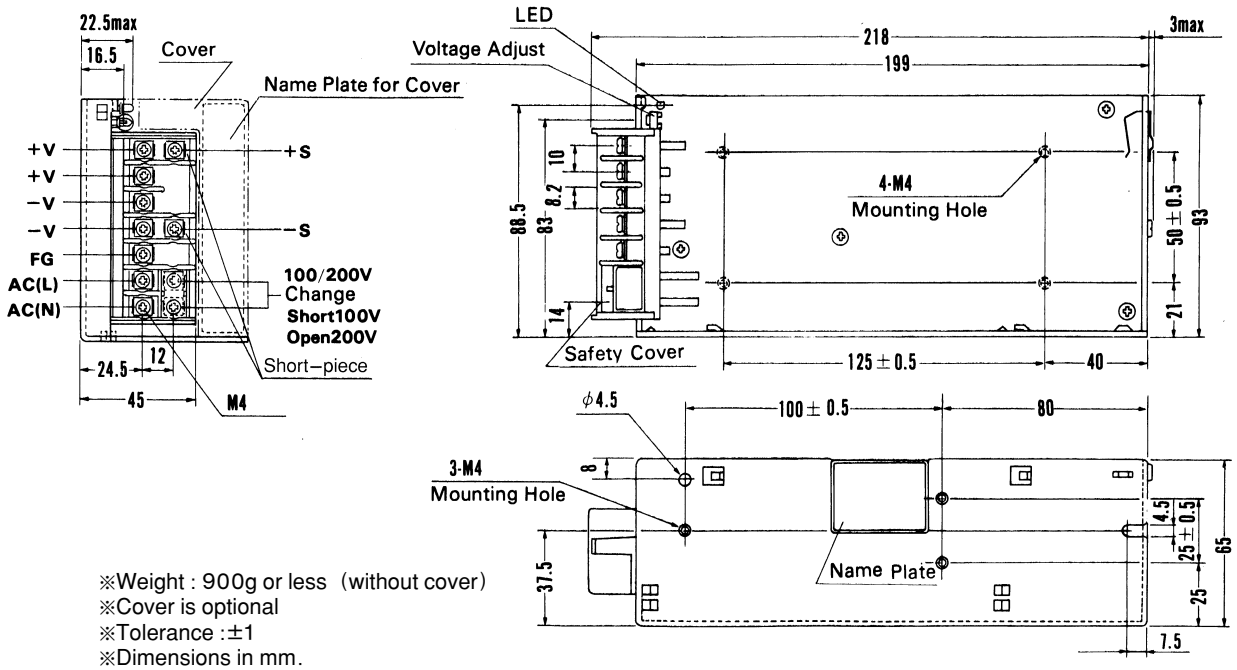
SPECIFICATIONS

	MODEL		P150E-5	P150E-9	P150E-12	P150E-15	P150E-18	P150E-24	P150E-30	P150E-48
INPUT	VOLTAGE[V]		AC85 - 132 / 170 - 264 1φ (User-selectable) or DC220 - 370							
	CURRENT[A]	ACIN 100V ＊1	3.2typ (Io=100%)							
		ACIN 200V ＊1	1.7typ (Io=100%)							
	FREQUENCY[Hz]		47 - 440							
	EFFICIENCY[%]		78typ	78typ	80typ	81typ	82typ	82typ	82typ	85typ
	INRUSH CURRENT[A]	ACIN 100V	15typ (Io=100%)							
		ACIN 200V	30typ (Io=100%)							
OUTPUT	VOLTAGE[V]		5	9	12	15	18	24	30	48
	CURRENT[A]		30	16.7	13	10	8.4	6.5	5.0	3.3
	MAX OUTPUT WATTAGE[W]		150	150.3	156	150	151.2	156	150	158.4
	LINE REGULATION[mV]		20max	36max	48max	60max	72max	96max	120max	192max
	LOAD REGULATION[mV]		40max	72max	100max	120max	150max	150max	190max	240max
	RIPPLE[mVp-p]	＊2	80max	120max	120max	120max	120max	120max	150max	150max
	RIPPLE NOISE[mVp-p]	＊2	120max	150max	150max	150max	250max	150max	180max	200max
	TEMPERATURE REGULATION[mV]	0 to +50℃	50max	90max	120max	150max	180max	240max	300max	480max
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]		±10%							
	START-UP TIME[ms]		200max (ACIN 85V, Io=100%)							
	HOLD-UP TIME[ms]		15typ (ACIN 85V, Io=100%) 25typ (ACIN 100V, Io=100%)							
PROTECTION CIRCUIT	OVERCURRENT PROTECTION		Works over 105% of rating and recovers automatically							
	OVERVOLTAGE PROTECTION		Works at 115 - 140% of rating							
ISOLATION	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)							
	INPUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50MΩmin (At Room Temperature)							
	OUTPUT-FG		AC500V 1minute, Cutoff current = 100mA, DC500V 50MΩmin (At Room Temperature)							
ENVIRONMENT	OPERATING TEMP.,HUMID.AND ALTITUDE		-10 to +65℃, 30 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max							
	STORAGE TEMP.,HUMID.AND ALTITUDE		-20 to +75℃, 20 - 90%RH (Non condensing), 9,000m (30,000feet) max							
	VIBRATION		10 - 55Hz, 19.6m/s² (2G), 3minutes period, 30minutes 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, EN60950-1, EN50178, CSA C22.2 No.60950-1 Complies with DEN-AN and IEC60950-1							
	CONDUCTED NOISE		Complies with FCC-A							

＊1 The input current of the agency approved unit is indicated as 3.5A (ACIN100V) or 1.7A (ACIN200V).
＊2 According to 15MHz oscilloscope or Ripple-Noise meter(equivalent to KEISOKU-GIKEN : RM101).
＊3 Please contact us about safety approvals for the model with option.
＊ Derating is required when operated with case cover.
＊ Parallel operation with other model is not possible.

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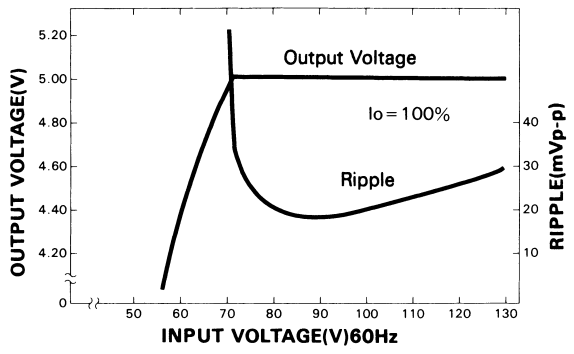
External view



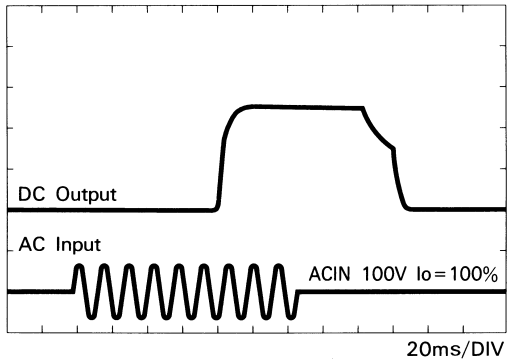
※Weight : 900g or less (without cover)
※Cover is optional
※Tolerance : ±1
※Dimensions in mm.
※Mounting torque:1.2N·m (12.8kgf·cm) max

Performance data

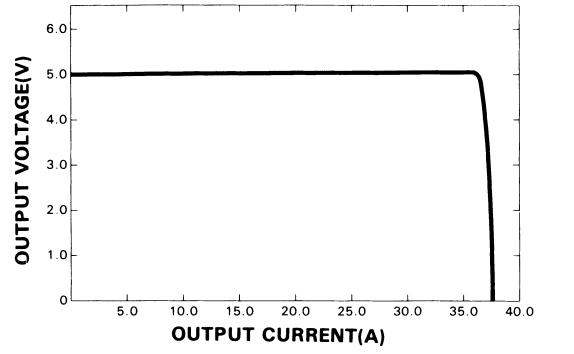
■STATIC CHARACTERISTICS (P150E-5)



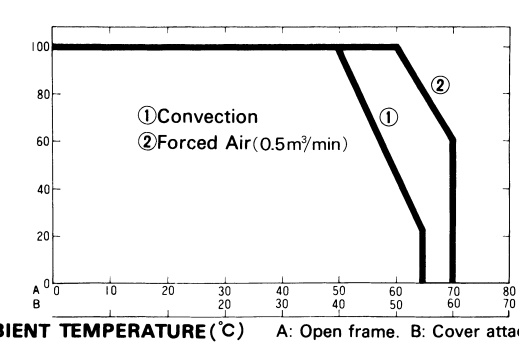
■RISE TIME & FALL TIME (P150E-5)



■OVERCURRENT CHARACTERISTICS (P150E-5)



■DERATING CURVE



Artisan Technology Group is an independent supplier of quality pre-owned equipment

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