ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Cosel P15E-5* at our website: ***Click HERE***

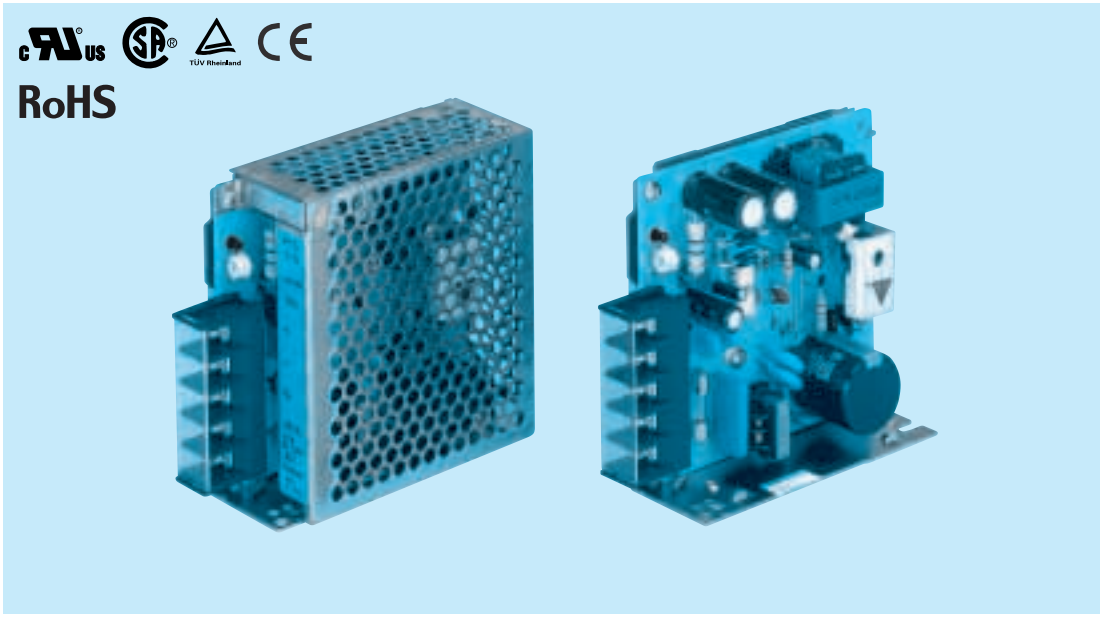
COSEL Unit type

P15E

Ordering information

P 15 E -5 -□

① ② ③ ④ ⑤



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

MODEL	P15E-5	P15E-9	P15E-12	P15E-15	P15E-18	P15E-24	P15E-30	P15E-48
MAX OUTPUT WATTAGE[W]	15	15.3	15.6	15	16.2	16.8	15	16.8
DC OUTPUT	5V 3A	9V 1.7A	12V 1.3A	15V 1A	18V 0.9A	24V 0.7A	30V 0.5A	48V 0.35A

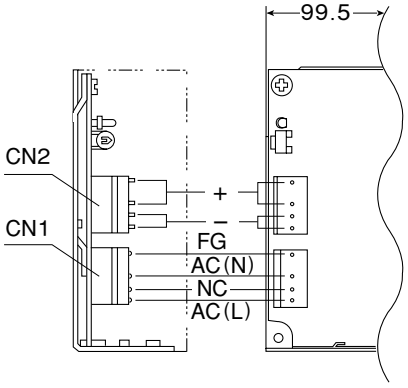
SPECIFICATIONS

	MODEL		P15E-5	P15E-9	P15E-12	P15E-15	P15E-18	P15E-24	P15E-30	P15E-48
INPUT	VOLTAGE[V]		AC85 - 264 1φ or DC110 - 370							
	CURRENT[A]	ACIN 100V ＊1	0.3typ (Io=100%)							
		ACIN 200V ＊1	0.18typ (Io=100%)							
	FREQUENCY[Hz]		47 - 440 or DC							
	EFFICIENCY[%]		73typ	75typ	79typ	81typ	81typ	81typ	81typ	81typ
	INRUSH CURRENT[A]	ACIN 100V	20typ (Io=100%) (At cold start)							
		ACIN 200V	40typ (Io=100%) (At cold start)							
OUTPUT	VOLTAGE[V]		5	9	12	15	18	24	30	48
	CURRENT[A]		3.0	1.7	1.3	1.0	0.9	0.7	0.5	0.35
	MAX OUTPUT WATTAGE[W]		15.0	15.3	15.6	15.0	16.2	16.8	15.0	16.8
	LINE REGULATION[mV]		20max	36max	48max	60max	72max	96max	120max	192max
	LOAD REGULATION[mV]		40max	70max	100max	120max	140max	150max	180max	380max
	RIPPLE[mVp-p]	＊2	80max	120max	120max	120max	120max	120max	120max	150max
	RIPPLE NOISE[mVp-p]	＊2	120max	150max	150max	150max	150max	150max	150max	250max
	TEMPERATURE REGULATION[mV]	0 to +50℃	50max	90max	120max	150max	180max	240max	300max	480max
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]		±10%							
	START-UP TIME[ms]		100max (ACIN 85V, Io=100%)							
	HOLD-UP TIME[ms]		10typ (ACIN 85V, Io=100%) 20typ (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-B							

＊1 The input current of the agency approved unit is indicated as 0.4A.
＊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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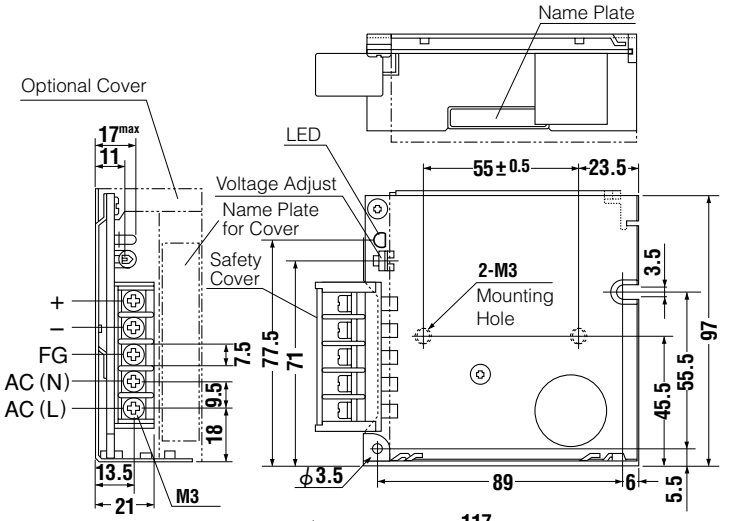
External view



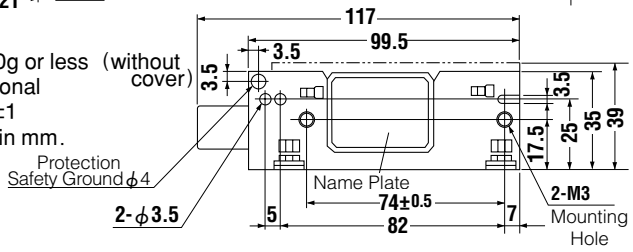
I/O Connector		Mating Connector	Terminal
CN1	10–31–1048	10–63–3044	Chain: 08–70–1031 Loose: 08–70–1030
CN2	09–65–2049	09–50–1043	Chain: 08–70–1031 Loose: 08–70–1030

(Mfr : Molex)

Connector type



※Weight : 300g or less (without cover)
※Cover is optional
※Tolerance : ±1
※Dimensions in mm.

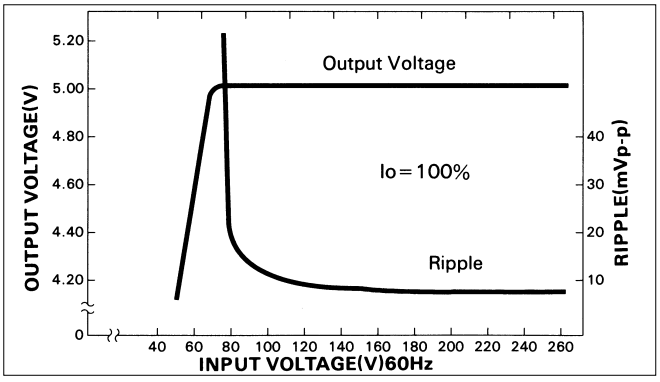


Barrier strip type

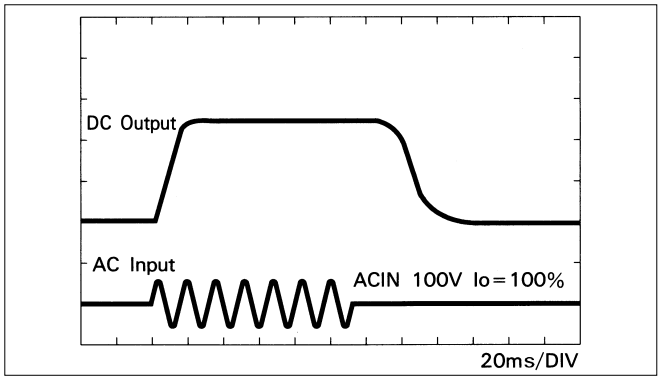
※Mounting torque:0.6N·m (6.3kgf·cm) max

Performance data

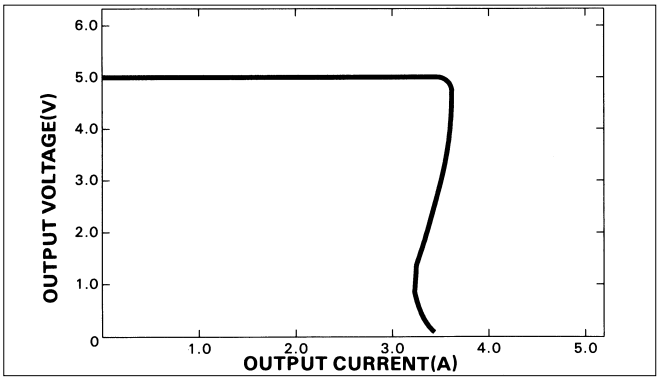
■STATIC CHARACTERISTICS (P15E-5)



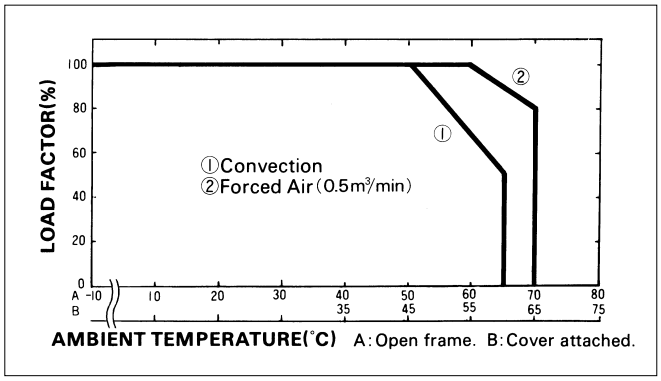
■RISE TIME & FALL TIME (P15E-5)



■OVERCURRENT CHARACTERISTICS (P15E-5)



■DERATING CURVE



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

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

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Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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