ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

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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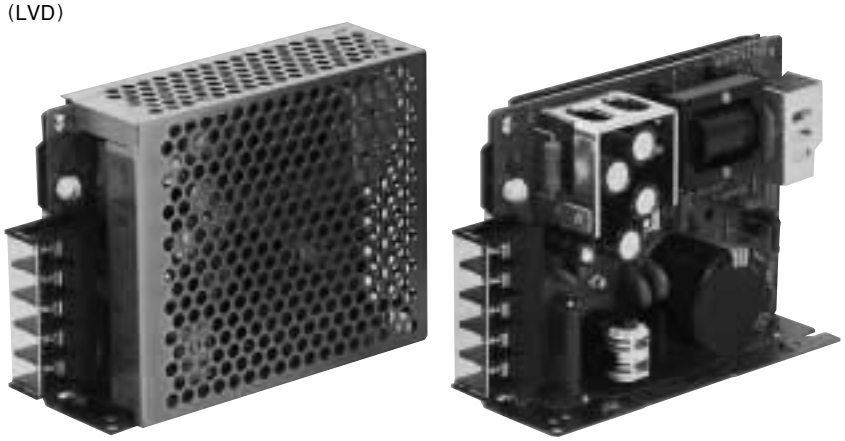
Find the *Cosel P30E-5* at our website: ***Click HERE***

P30

COSEL

P

(LVD)



- Small size
- Universal input voltage (AC 85~264 V)
- Built-in inrush current, overcurrent and overvoltage protection circuits
- UL recognized,TÜV approved,CSA certified
- Three-year warranty

■ ORDERING INFORMATION

P30E-5-□

- Optional:Ex. With cover:N, Connector type:J
- Output voltage
- UL recognized,TÜV approved,CSA certified:E
- Output wattage
- Series name

SPECIFICATIONS

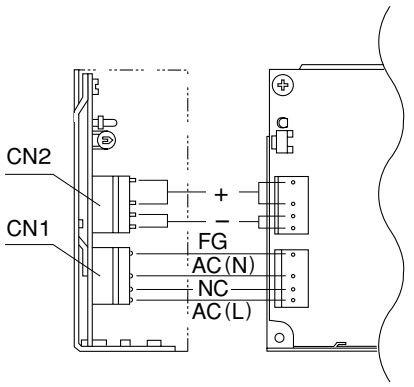
	MODEL	P30-5	P30-9	P30-12	P30-15	P30-18	P30-24	P30-30	P30-48
INPUT	VOLTAGE/ CURRENT	AC85~264V 1φ or DC110~370V		0.6A typ (ACIN 100V,Io=100%) / 0.35A typ (ACIN 200V,Io=100%) ※1					
	FREQUENCY	47~440Hz or DC							
	INRUSH CURRENT	20A typ (ACIN 100V) 40A typ (ACIN 200V)		at cold start. (Io=100 %)					
	EFFICIENCY	74%typ	74%typ	78%typ	79%typ	79%typ	82%typ	82%typ	82%typ
OUTPUT	VOLTAGE [V]	5	9	12	15	18	24	30	48
	CURRENT [A]	6.0	3.4	2.5	2.0	1.7	1.3	1.0	0.63
	OUTPUT WATTAGE [W]	30	30.6	30	30	30.6	31.2	30	30.24
	LINE REGULATION [mV]	20max	36max	48max	60max	72max	96max	120max	192max
	LOAD REGULATION [mV]	40max	70max	100max	120max	140max	150max	180max	300max
	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] 0~50°C	50max	90max	120max	150max	180max	240max	300max	480max
	OUTPUT VOLTAGE ADJUSTMENT RANGE	±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, DC500V,50MΩmin. (At Room Temperature)							
	INPUT-FG	AC2,000V, 1minute, DC500V,50MΩmin. (At Room Temperature)							
	OUTPUT-FG	AC 500V, 1minute, DC500V,50MΩmin. (At Room Temperature)							
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE	−10~+65℃,30~90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max							
	STORAGE TEMP., HUMID. AND ALTITUDE	−20~+75℃,20~90%RH (Non condensing), 9,000m (30,000feet) max							
	VIBRATION	10~55Hz, 19.6m/s² (2G), 3 minutes period, 30 minutes 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	UL 1950, EN60950, VDE0160, CSA C22.2 No.234 Complies with DENTORI and IEC60950							
	CONDUCTED NOISE	Complies with FCC-B							

※1 The input current of the agency approved unit is indicated as 0.7A.
※2 According to 15MHz ossiloscope or Ripple-Noise meter(equivallent to KEISOKU-GIKEN : RM101).
※ Derating is required when operated with case cover.
※ Parallel operation with other model is not possible.

MODEL	P30-5	P30-9	P30-12	P30-15	P30-18	P30-24	P30-30	P30-48
MAX OUTPUT WATTAGE	30W	30.6W	30W	30W	30.6W	31.2W	30W	30.24W
DC OUTPUT	5V6A	9V3.4A	12V2.5A	15V2A	18V1.7A	24V1.3A	30V1.0A	48V0.63A

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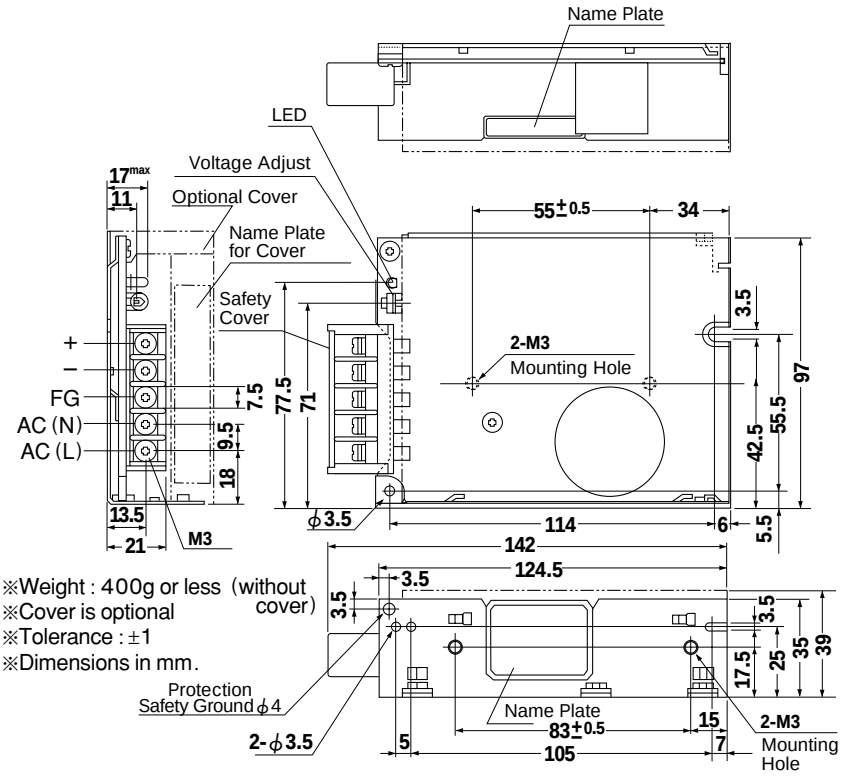
■EXTERNAL VIEW



I/O Connector		Mating Connector	Terminal
CN1	5289-4A	5199-04	Chain: 5194PBT Loose: 5194PBTL
CN2	5277-4A	5196-04	Chain: 5194PBT Loose: 5194PBTL

(Mfr : Molex)

Connector type

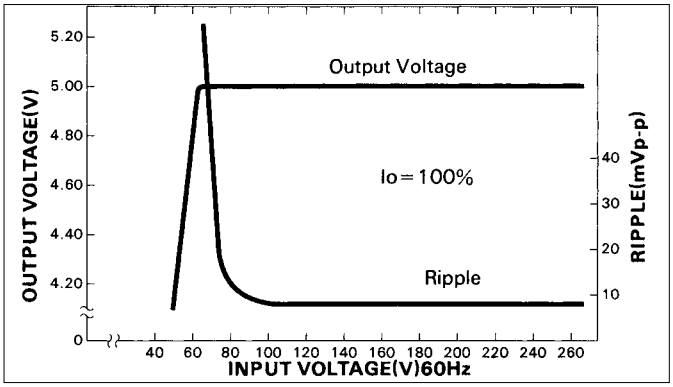


※Weight : 400g or less (without cover)
※Cover is optional
※Tolerance : ±1
※Dimensions in mm.

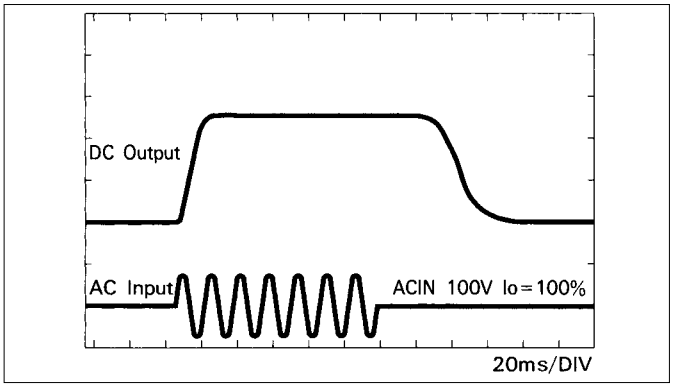
Barrier strip type

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

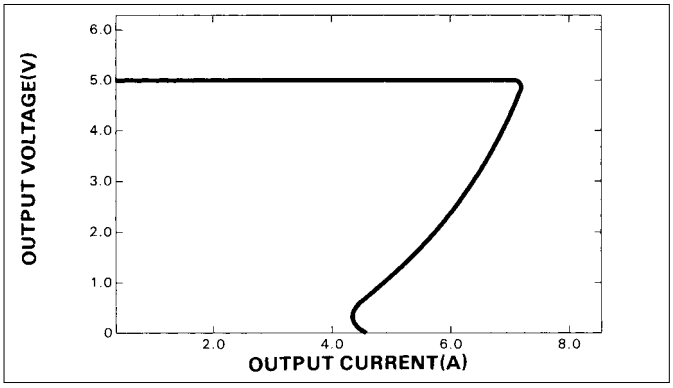
■STATIC CHARACTERISTICS (P30-5)



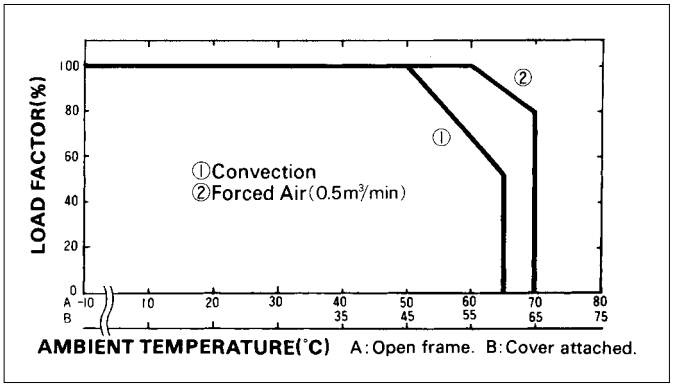
■RISE TIME & FALL TIME (P30-5)



■OVERCURRENT CHARACTERISTICS (P30-5)



■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.

We buy equipment

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

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