



## Artisan Technology Group is your source for quality new and certified-used/pre-owned equipment

- FAST SHIPPING AND DELIVERY
- TENS OF THOUSANDS OF IN-STOCK ITEMS
- EQUIPMENT DEMOS
- HUNDREDS OF MANUFACTURERS SUPPORTED
- LEASING/MONTHLY RENTALS
- ITAR CERTIFIED SECURE ASSET SOLUTIONS

### SERVICE CENTER REPAIRS

Experienced engineers and technicians on staff at our full-service, in-house repair center

### *InstraView*<sup>SM</sup> REMOTE INSPECTION

Remotely inspect equipment before purchasing with our interactive website at [www.instraview.com](http://www.instraview.com) ↗

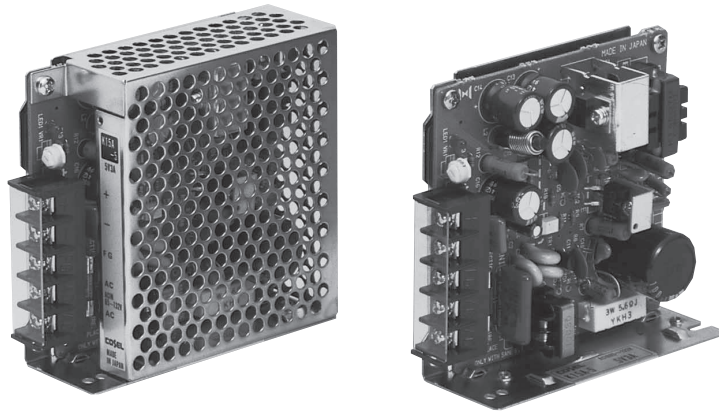
### WE BUY USED EQUIPMENT

Sell your excess, underutilized, and idle used equipment. We also offer credit for buy-backs and trade-ins. [www.artisanng.com/WeBuyEquipment](http://www.artisanng.com/WeBuyEquipment) ↗

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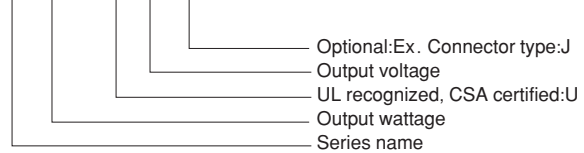
**Contact us:** (888) 88-SOURCE | [sales@artisanng.com](mailto:sales@artisanng.com) | [www.artisanng.com](http://www.artisanng.com)



- Small size
- UL recognized, CSA certified
- Built-in inrush current and overcurrent protection circuits
- Two-year warranty

### ORDERING INFORMATION

**K15A** □ - **5** □



## SPECIFICATIONS

	MODEL	K15A-5	K15A-12	K15A-15	K15A-24
INPUT	VOLTAGE/ CURRENT	AC85~132V 1 $\phi$ or DC110~170V / 0.33A typ (ACIN 100V, lo=100%)			
	FREQUENCY	47~440Hz or DC			
	INRUSH CURRENT	25A typ (ACIN 100V, lo=100%)			
	EFFICIENCY	67% typ	71% typ	72% typ	74% typ
OUTPUT	VOLTAGE [V]	5	12	15	24
	CURRENT [A]	3.0	1.3	1.0	0.7
	WATTAGE [W]	15.0	15.6	15.0	16.8
	LINE REGULATION [mV]	20max	48max	60max	96max
	LOAD REGULATION [mV]	40max	100max	120max	150max
	RIPPLE [mVp-p]	80max	120max	120max	120max
	RIPPLE NOISE [mVp-p]	120max	150max	150max	150max
	TEMPERATURE COEFFICIENT 0 ~ +50°C [mV]	50max	120max	150max	240max
	OUTPUT VOLTAGE ADJUSTMENT RANGE	±10%			
	START-UP TIME [mS]	100max (ACIN 85V, lo=100%)			
HOLD-UP TIME [mS]	16typ (ACIN 85V, lo=100%)				
PROTECTION CIRCUIT	OVERCURRENT PROTECTION	Works over 105% of rating and recovers automatically			
ISOLATION	INPUT-FG, OUTPUT	AC1500V, 1minute, DC500V, 50M $\Omega$ min. (At Room Temperature)			
	OUTPUT-FG	AC 500V, 1minute, DC500V, 50M $\Omega$ min. (At Room Temperature)			
ENVIRONMENT	OPERATING TEMP. AND HUMID.	0~+70°C, 30~90%RH (Non condensing) (Refer to DERATING CURVE)			
	STORAGE TEMP. AND HUMID.	-20~+75°C, 20~90%RH (Non condensing)			
	VIBRATION	10~55Hz 1G, 3 minutes period, 30 minutes along X, Y and Z axis			
	IMPACT	10G, 20mS, once each X, Y and Z axis			
SAFETY AND NOISE REGULATIONS	SAFETY REGULATIONS	Recognized UL1950 (D3), certified CSA Electrical Bulletin No. 1402C			
	CONDUCTED NOISE	Complies with FCC-A			

※ Avoid prolonged use under over-load.  
 ※ Derating is required when operated with case cover.  
 ※ Parallel operation with other model is not possible.

MODEL	K15A-5	K15A-12	K15A-15	K15A-24
OUTPUT VOLTAGE [V]	5	12	15	24
OUTPUT CURRENT [A]	3.0	1.3	1.0	0.7

**K**

## EXTERNAL VIEW

**Terminal Block Details:**

I/O Connector	Mating Connector (Terminal)
CN1	5289-4A 5199-04 (5194)
CN2	5287-4A 5199-04 (5194)

Mfr : Molex  
Connector type

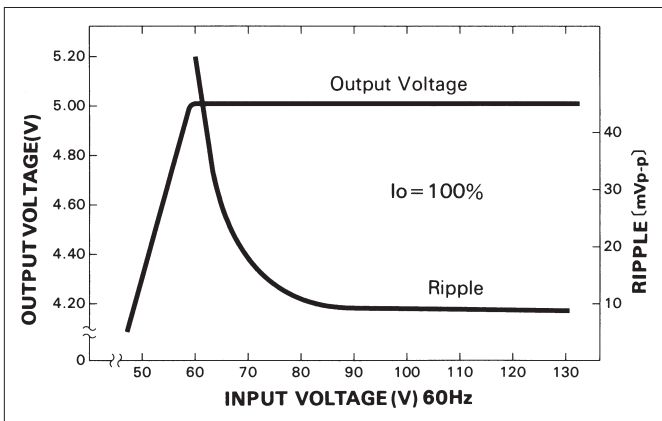
**Dimensions (mm):**

- Height: 17<sup>max</sup> (11)
- AC Input: 19.5, 9.5, 7.5
- Terminal Pitch: 13.5, 21
- Top Panel: 55±0.5, 23.5
- Bottom Panel: 89, 6, 5.5, 97
- Mounting Hole: 2-M3×6ℓ
- LED: 3.5
- Voltage Adjust: 77, 69.5
- Name Plate: 109, 99.5, 74±0.5, 82
- Bottom Panel: 2-φ3.5, 17.5, 25, 35

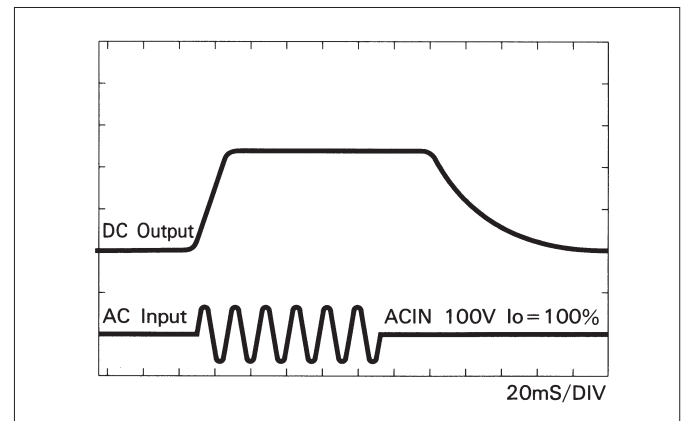
Barrier strip type

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

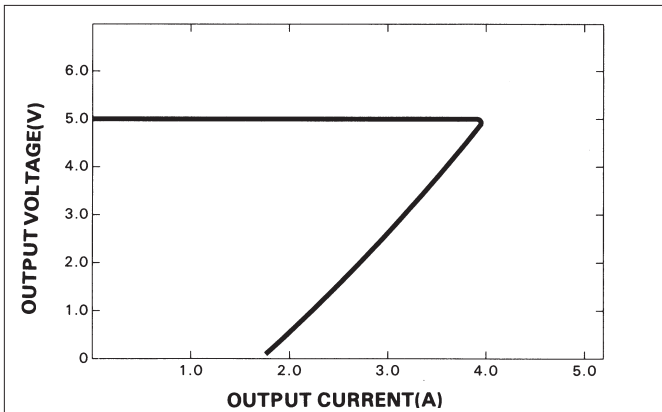
## STATIC CHARACTERISTICS (K15A-5)



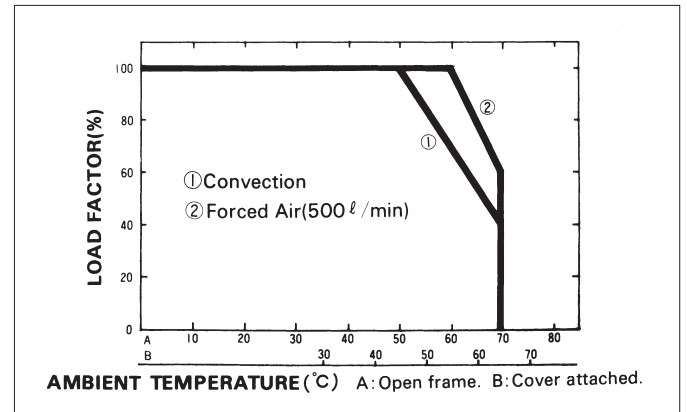
## RISE TIME & FALL TIME (K15A-5)



## OVERCURRENT CHARACTERISTICS (K15A-5)



## DERATING CURVE





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