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TECHNOLOGY GROUP

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with experienced engineers and technicians on staff.

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**Custom engineering**
so your equipment works exactly as you specify.

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- ITAR-certified secure asset solutions

**Expert team | Trust guarantee | 100% satisfaction**

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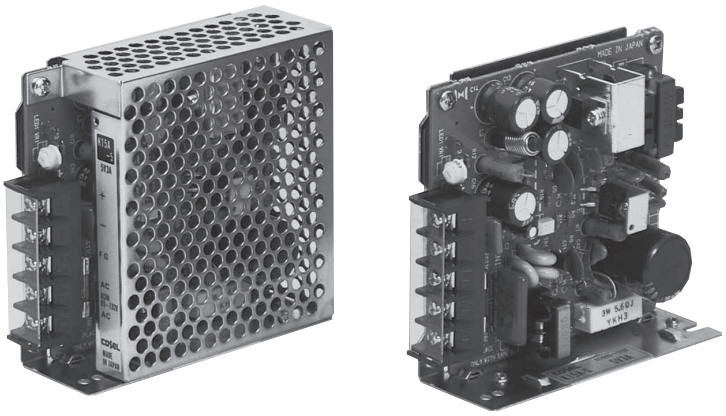
Find the *Cosel / Elco K15A-12* at our website: ***Click HERE***

K SERIES POWER SUPPLY

# K15A

COSEL®

K



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

## ■ ORDERING INFORMATION

**K15A □-5-□**

- Optional:Ex. Connector type:J
- Output voltage
- UL recognized, CSA certified:U
- Output wattage
- Series name

## SPECIFICATIONS

| | MODEL | K15A-5 | K15A-12 | K15A-15 | K15A-24 |
|---|---|---|---|---|---|
| INPUT | VOLTAGE/ CURRENT | AC85~132V 1φ or DC110~170V / 0.33A typ (ACIN 100V, Io=100%) | | | |
| | FREQUENCY | 47~440Hz or DC | | | |
| | INRUSH CURRENT | 25A typ (ACIN 100V, Io=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, Io=100%) | | | |
| | HOLD-UP TIME [mS] | 16typ (ACIN 85V, Io=100%) | | | |
| PROTECTION CIRCUIT | OVERCURRENT PROTECTION | Works over 105% of rating and recovers automatically | | | |
| ISOLATION | INPUT-FG, OUTPUT | AC1500V, 1minute, DC500V, 50MΩmin. (At Room Temperature) | | | |
| | OUTPUT-FG | AC 500V ,1minute, DC500V, 50MΩmin. (At Room Temperature) | | | |
| ENVIRONMENT | OPERATING TEMP. AND HUMID. | 0~+70℃, 30~90%RH (Non condensing) (Refer to DERATING CURVE) | | | |
| | STORAGE TEMP. AND HUMID. | −20~+75℃, 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.

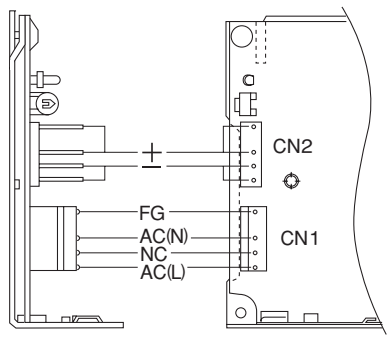


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| MODEL | K15A-5 | K15A-12 | K15A-15 | K15A-24 |
|---|---|---|---|---|
| OUTPUT VOLTAGE [V] | 5 | 12 | 15 | 24 |
| OUTPUT CURRENT [A] | 3.0 | 1.3 | 1.0 | 0.7 |

K

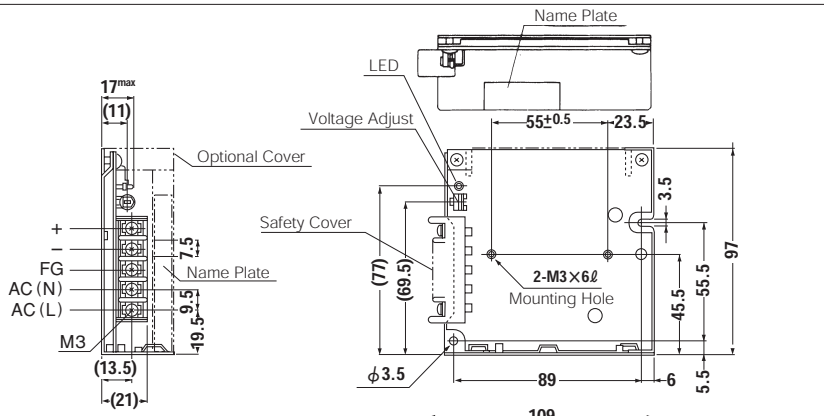
## ■EXTERNAL VIEW

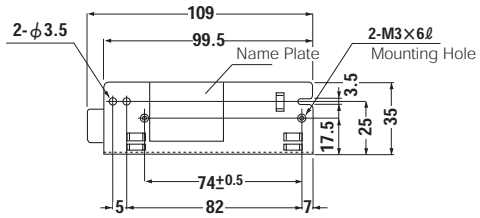



Mfr : Molex

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

Connector type

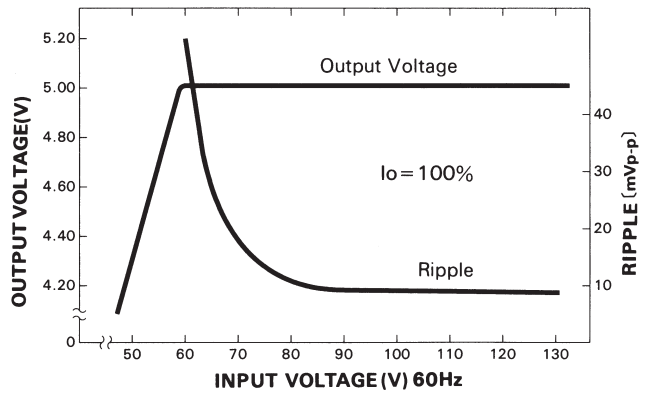


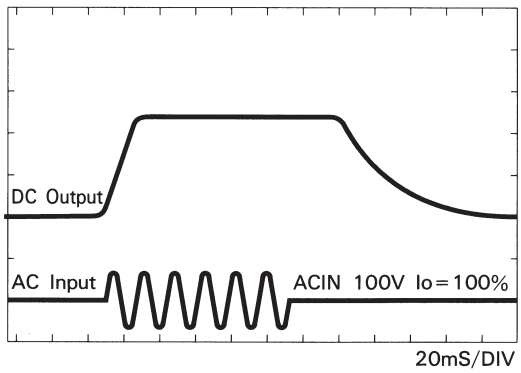

Barrier strip type

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

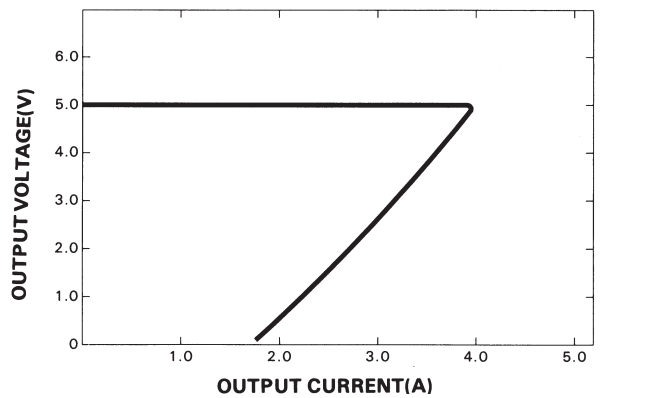
## ■STATIC CHARACTERISTICS (K15A-5)



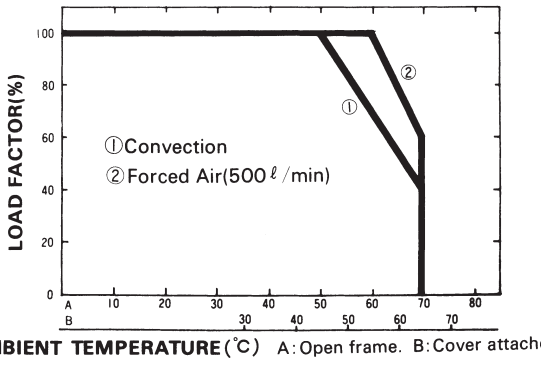

## ■RISE TIME & FALL TIME (K15A-5)




## ■OVERCURRENT CHARACTERISTICS (K15A-5)




## ■DERATING CURVE






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

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## We buy equipment

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