

# SWITCHING MODE POWER SUPPLY

DIN-RAIL Series (역률개선폰) 500W



## PFC Type



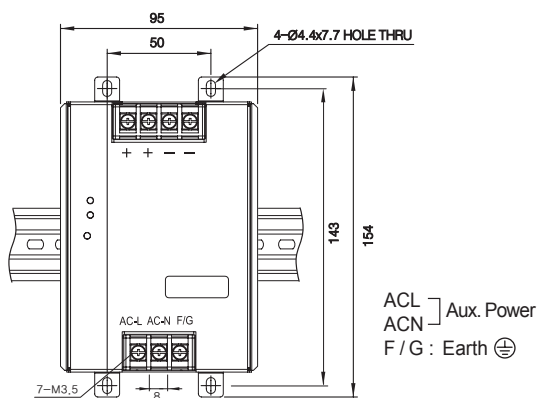
### ● Features

- Input Voltage Range (AC85~264V)
  - Over Current Protection
  - Over Temperature Protection
  - Built-in PFC
  - Built-in Inrush Current Limiter
  - Short Circuit Protection
  - Auto-Restart Mode
- 본 대용량 제품은 DIN Rail 및 벽부 취부형 구조로 각종 분진이 존재하는 산업현장에 최적화된 Fanless 설계에 따라 효율이 높은 공진형 회로방식과 동기정류회로가 채택된 제품입니다.
- This large-capacity product is a product adopting a resonance converter and a synchronous rectification circuit with high efficiency according to a fan-less design optimized to industrial sites with various dusts as a DIN rail and wall attached structure.

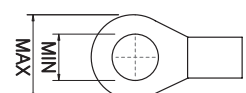
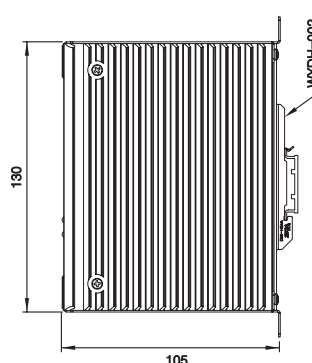
### ● Specifications

| Model                 | Item                            | WYSP-500S24DP  |
|-----------------------|---------------------------------|--|
| INPUT                 | VOLTAGE                         | 110VAC...4.9A / 220VAC...2.5A(Full Load) FREE VOLTAGE              |
|                       | FREQUENCY                       | 50/60Hz (47~440Hz or DC)   |
|                       | EFFICIENCY                      | 93% typ  |
|                       | INRUSH CURRENT                  | 110VAC...20A / 220VAC...40A(Io=100%, Ta=25°C at cold start)        |
|                       | POWER FACTOR (Io=100%)          | 0.97 typ   |
| OUTPUT CIRCUIT        | VOLTAGE (V)                     | 24   |
|                       | CURRENT (A)                     | 20.8A  |
|                       | REGULATION LINE (mV)            | 120Max   |
|                       | REGULATION LOAD (mV)            | 240Max   |
|                       | RIPPLE (mVp-p)                  | 240Max   |
|                       | RIPPLE NOISE (mVp-p)            | 290Max   |
|                       | TEMPERATURE DRIFT (mV) 0 ~ 50°C | 240Max   |
|                       | RISE TIME (mS)                  | 100 Max (AC IN 85V Io = 100%)                                      |
| PROTECTION CIRCUIT    | OVER CURRENT PROTECTION         | Works at over 110% of rating                                       |
|                       | OVER VOLTAGE PROTECTION         | Works at 115~140% or rating  |
| ELECTRICALLY ISOLATED | INPUT-OUTPUT                    | AC 1,500V 1 minute, DC 500V 100MΩ (At room temperature & Humidity) |
|                       | INPUT-CASE,FG                   | AC 1,500V 1 minute, DC 500V 100MΩ (At room temperature & Humidity) |
|                       | OUTPUT-CASE                     | AC 500V 1 minute, DC 500V 100MΩ (At room temperature & Humidity)   |
| ENVIRONMENT           | OPERATING TEMP,AND HUMID        | 0 ~ +40°C, 20 ~ 90% RH (Non Condensing)                            |
|                       | STORAGE TEMP, AND HUMID         | -20 ~ +75°C, 20 ~ 90% RH (Non Condensing)                          |
| GENERAL               | FUNCTION                        | -  |
|                       | WEIGHT (kg)                     | 1.25   |

### ● Dimension



### ● Terminal



Max 7 , Min 3.5

DIN Rail

NSP TYPE

SP TYPE

2CH TYPE

3CH TYPE

BATTERY CH.

MULTI ST.

3P4W 전 용

HIGH QUAL

GENERAL