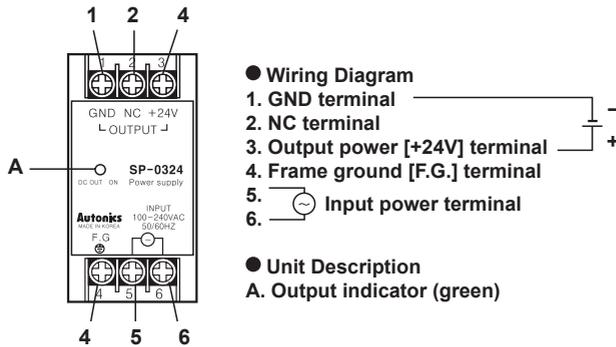
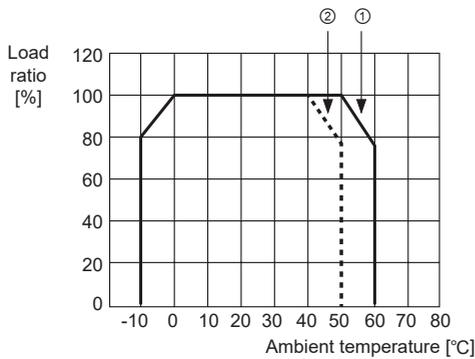


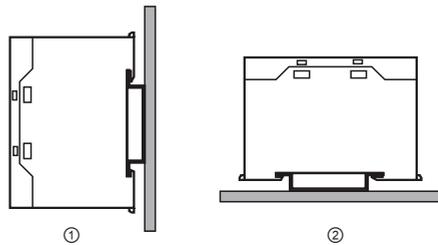
Wiring Diagram/Unit Description



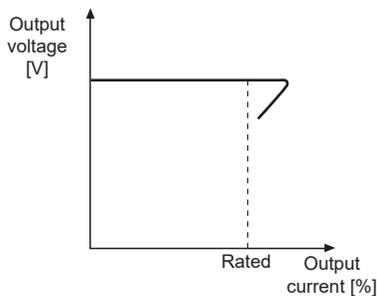
Output Derating Curve by Ambient Temperature



- Be sure when installing as the efficiency is decreased by ambient temperature.
- Refer to output feature beside when installing as the efficiency is affected by mounting status.

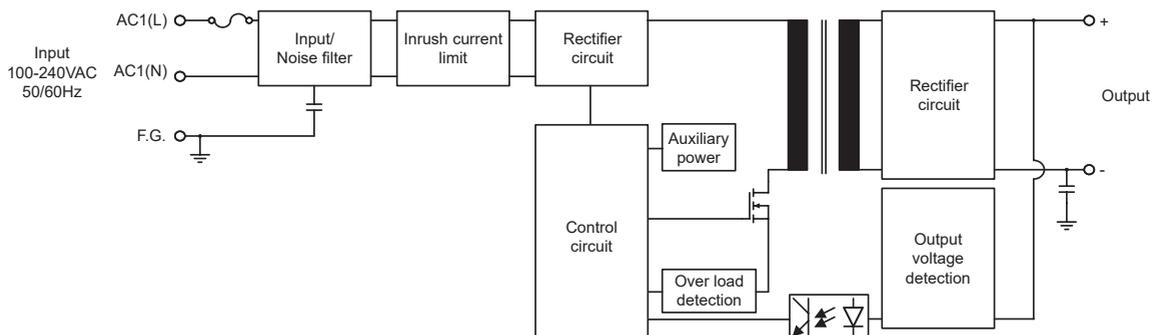


Feature Data of Over-Current Protection



- It is able to protect overcurrent by load with built in over-current protection circuit. When the over rated current is flowed, the circuit is operated (output voltage is fallen) and it is released when the load current is under the rated current (it is returned to the rated output voltage).

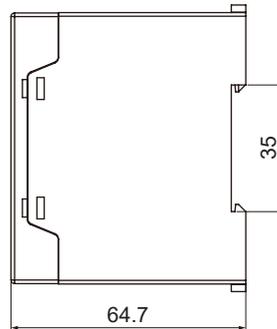
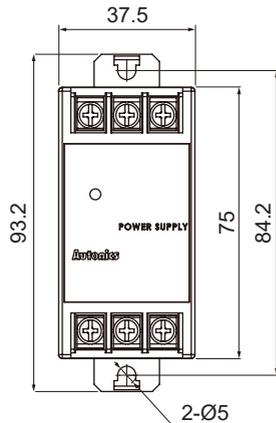
Block Diagram



DIN Rail Mount Type Switching Mode Power Supply

■ Dimensions

(unit: mm)

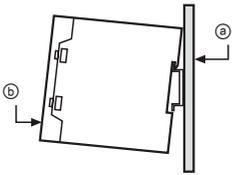


■ Installation

◎ DIN rail mounting

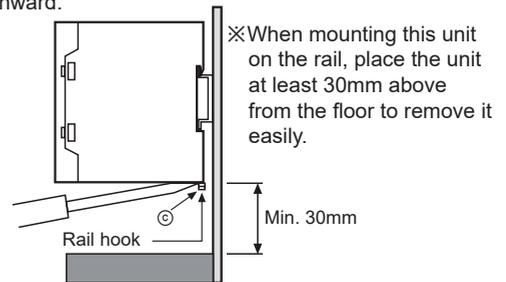
● Mounting to DIN rail

Put the unit on the part ㉓ of the rail before press it to the direction ㉔.



● Removing from DIN rail

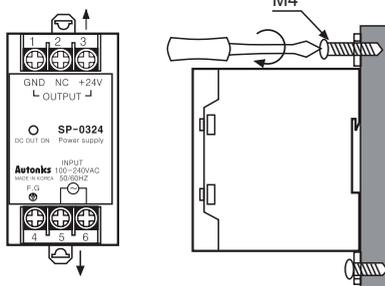
Put a screw driver into the part ㉕ before push it downward.



◎ Panel mounting

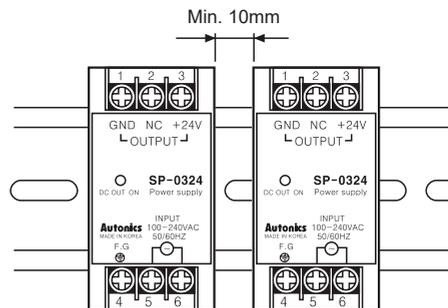
● When there is no DIN rail

If there is no rail, it is able to mount by screwing a bolt at the hook on the body as following figure.



◎ Spacing

When installing multiple SMPSSs, please keep space at least 10mm between SMPSSs for heat radiation.



SENSORS
CONTROLLERS
MOTION DEVICES
SOFTWARE

(J) Temperature Controllers
(K) SSRs
(L) Power Controllers
(M) Counters
(N) Timers
(O) Digital Panel Meters
(P) Indicators
(Q) Converters
(R) Digital Display Units
(S) Sensor Controllers
(T) Switching Mode Power Supplies
(U) Recorders
(V) HMIs
(W) Panel PC
(X) Field Network Devices

■ Proper Usage

⚠ Cautions during use

1. Follow instructions in 'Cautions during Use'. Otherwise, it may cause unexpected accidents.
2. Do not connect the output voltage neither in serial nor in parallel.
3. Since there is no harmonic suppression or power factor correction circuit, install the circuit separately if necessary.
4. Since using the condenser input method, power factor is in the range of 0.4 to 0.6. When using distribution board or transformer, check the capacity of the input voltage.

$$\text{Input apparent power[VA]} = \frac{\text{Output active power[W]}}{\text{Powerfactor} \times \text{Efficiency}}$$

5. Even though a noise filter is installed inside the product, the product can be affected by noise depending on the installation location or wiring.
6. If the internal fuse is damaged, please contact our A/S center.
7. To ensure the reliability of the product, install the product on the panel or metal surface vertically to the ground.
8. Install the unit in the well ventilated place.
9. Do not use near the equipment which generates strong magnetic force or high frequency noise.
10. This unit may be used in the following environments.
 - ① Indoors (in the environment condition rated in 'Specifications')
 - ② Altitude max. 2,000m
 - ③ Pollution degree 2
 - ④ Installation category II