



HNPS

Small-capacity rail power supply



Selection Guide

Output capacity	Number of output voltages	Output voltage	Model
3 W [03]	1 Output [S]	5 V d.c. [05]	HNPS03S-05-D
		12 V d.c. [12]	HNPS03S-12-D
		15 V d.c. [15]	HNPS03S-15-D
		24 V d.c. [24]	HNPS03S-24-D
7.5 W [07]		5 V d.c. [05]	HNPS07S-05-D
		12 V d.c. [12]	HNPS07S-12-D
		15 V d.c. [15]	HNPS07S-15-D
		24 V d.c. [24]	HNPS07S-24-D

Suffix code

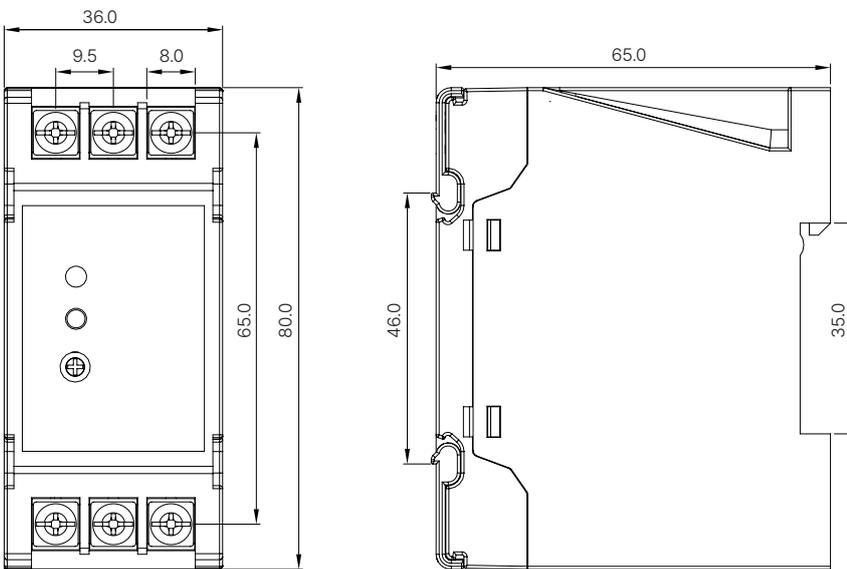
Category	Code				Description
HNPS-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Power supply (DIN rail type)
Output capacity	03				3 W
	07				7.5 W
Number of output voltages		S			1 output (Single output)
Output voltage			05		5 V d.c.
			12		12 V d.c.
			15		15 V d.c.
			24		24 V d.c.
Structure				D	Rail structure (DIN)

Specifications

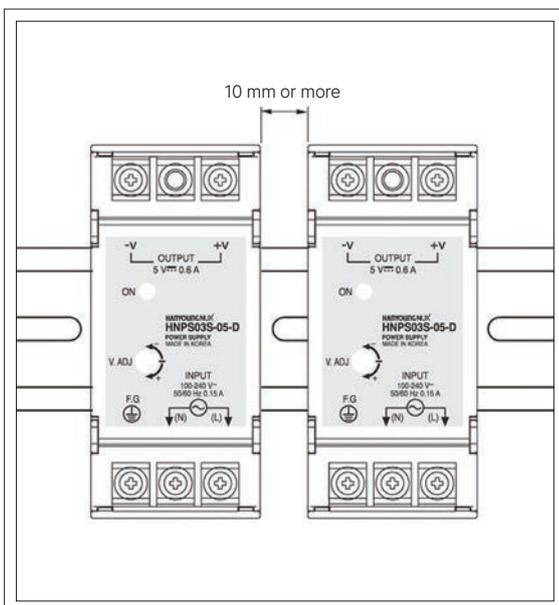
Model	HNPS-03S	HNPS-07S
Output capacity	3 W	7.5W
Input voltage	100 - 240 V a.c. 50/60 Hz 10% of power voltage	
Output voltage	5 V, 12 V, 15 V, 24 V	
Voltage fluctuation range	±10% (Adjustable by variable resistor (VR): V.ADJ)	
Protection circuit	Protection against overcurrents (protects within 110 to 200% range of rated output current)	
Dielectric strength	• 3 kVAC (between input and output), 1.5 kVAC (between and FG), • 500 V a.c. (between output and FG), (detection current: 10 mA, 1 min)	
Insulation resistance	100 MΩ or more (between input and output, at 500 V d.c.)	
Weight	120 g	

External dimensions

[Unit: mm]



Installation guide and precautions



- When installing, pay close attention to measures that can prevent overheating in order to ensure long-term reliability of the product.
- Since the product operates via natural convection, ensure that there is adequate clearance around the power supply for air circulation.
- When installing more than 2 power supplies side by side, make sure they are spaced out by more than the specified dimensions in the Figure.
- Forced air cooling is highly recommended.