

# Power Supply

PS-242/361/362/722



PS-362

PS-242

PS Series power supplies provide safe and accurate DC outputs at various power ranges, increasing the productivity of your automation solutions with wide temperature ranges and adjustable output voltages.

## PRODUCT SELECTION TABLE

Product Code	Power Rating	Universal Input Voltage 85-265 VAC 110-350 VDC	1A Output Current	1,5A Output Current	3A Output Current	Contact Output	Parallel/Serial Connection	LED Indicator	Adjustable Output Voltage	High/Low Supply Voltage Protection	Overload Protection	Thermal Protection	Output Short-Circuit Protection	DIN 3 Enclosure	DIN 4 Enclosure
PS-242	24W-1A-24 VDC	●	●				●	●			●	●	●	●	
PS-361	36W-3A-12 VDC	●			●		●	●		●	●	●	●		●
PS-362	36W-1,5A-24 VDC	●		●		●	●	●	●	●	●	●	●		●
PS-722	72W-3A-24 VDC	●			●		●	●	●	●	●	●	●		●

### PS-242 Power Supply 24W-1A-24 VDC

- Wide supply voltage range (85-265 VAC/ 110-350 VDC)
- 24 VDC output voltage
- 1A rated output current
- Highly efficient operation with >82%
- Protection against overload, overheating, and output short circuit
- Class II protection that does not require ground connection

### PS-362 Power Supply 36W-1,5A-24 VDC

- Wide supply voltage range (85-265 VAC/ 110-350 VDC)
- Flexibility to operate in a preferred voltage range with adjustable output voltage (21,6-27,6 VDC)
- 1,5A rated output current
- Highly efficient operation with >85%
- With auto-reset feature, automatically switching off to protect itself and the system in cases of overload, overheating, low/high input voltages and output short circuit, and automatic activation after the fault is corrected
- Remote monitoring of power supply status with 1 NC contact (10A -250 VAC/ 5A 30 VDC), ability to be integrated to automation
- Notification with the "Overload" LED
- Class II protection that does not require ground connection

### PS-361 Power Supply 36W-3A-12 VDC

- Wide supply voltage range (85-265 VAC/ 110-350 VDC)
- 12 VDC output voltage
- 3A rated output current
- Highly efficient operation with >85%
- With auto-reset feature, automatically switching off to protect itself and the system in cases of overload, overheating, low/high input voltages and output short circuit, and automatic activation after the fault is corrected
- Class II protection that does not require ground connection

### PS-722 Power Supply 72W-3A-24 VDC

- Wide supply voltage range(85-265 VAC/ 110-350 VDC)
- Ability to operate in a preferred voltage range with adjustable output voltage (21,6-27,6 VDC)
- 3A rated output current
- Highly efficient operation with >87%
- With auto-reset feature, protecting itself and the system by switching off the output voltage in cases of short circuit, overload, low/high input voltages and thermal danger, and automatic activation after the fault is corrected
- Class II protection that does not require ground connection



# Power Supply

PS-242/361/362/722

## SPECIFICATIONS

	PS-242	PS-362	PS-722	PS-361
<b>ENCLOSURE</b>				
Dimensions	DIN3		DIN4	
Protection Class	IP20			
Indicator	Output OK LED	Output OK and Overload LEDs	Output OK LED	
<b>INPUT</b>				
Input Voltage Range	85-264 VAC / 110-350 VDC			
Frequency	45-65 Hz			
Current Consumption	0,25 - 0,6 A	0,4 - 0,9 A	0,8 - 1,7 A	0,4 - 0,9 A
Internal Fuse	2,5 A	1,6 A	3,15 A	1,6 A
<b>OUTPUT</b>				
Nominal Output Voltage	24 VDC			12 VDC
Output Voltage Range	21,6 V...27,6 VDC			
Nominal Output Current	1 A	1,5 A	3 A	3 A
Maximum Output Current	2 A	3 A	4 A	5 A
Efficiency	>82%(220 VAC) >79%( 85 VAC)	>85%(220 VAC) >82%( 85 VAC)	>87%(220 VAC) >84%( 85 VAC)	>85%(220 VAC) >82%( 85 VAC)
Overload Protection	2 A	3,2 A	4 A	6 A
<b>OPERATING ENVIRONMENT</b>				
Operating Temperature	-20 / +55°C			
Overvoltage Category	III			
Pollution Degree	II			
Ambient Humidity	95%			
<b>STANDARDS</b>				
Applied Security Standards	EN 60950			
Applied EMC Standards	EN 61000-4-5, EN 61000-4-4, EN 61000-4-2, EN 61000-4-11, EN 55022, EN 55011			
Applied Mechanical Endurance Standards	EN 60529			
<b>CONNECTIONS</b>				
Installation	Rail Mounting			
Connection Terminals	Fixed Terminals with Fixed Flathead Screws			

## Connection Diagram

