

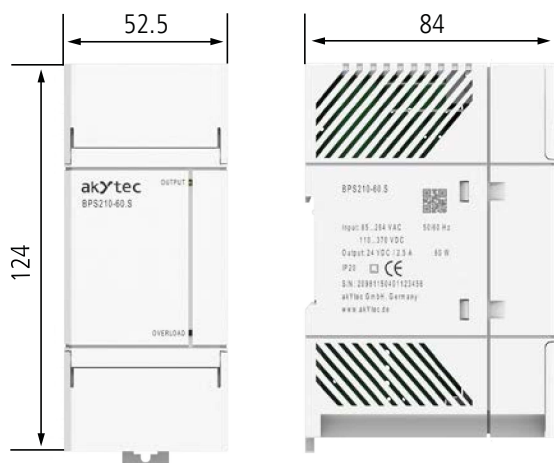
BPS210-60.S

The BPS210-60.S is a two phase power supply unit with an integrated output-relay fit for the demanding solutions. It offers maximum functionality for applications in complex systems and machines. The power supply steps down the voltage from 230V AC to 24V DC. Output voltage can be adjusted with a trimmer (+-8%). Thanks to the extremely space-saving narrow design, they are particularly suitable for industrial applications in switch boxes or in small control cabinets. To increase the output power, several power supply units of the same type can be connected in parallel. Warning! Improper use can lead to hazards such as short circuit, fire, electric shock, etc.

Functions and features:

- Relay output for alarm
- Parallel connection (for power redundancy).
- Adjusting output voltage ($\pm 8\%$)
- High stability of output voltage (permissible variation less than 2 %)
- Minimum ripple (0.5%)
- Voltage and current output limit
- Overvoltage and surge protection
- Overload, short circuit and overheat protection
- Universal AC/DC input voltage range

Dimensions:



Input signal

85...264
VAC
110...370
VDC

Output signal

24 V ∇ DC
2.5A

1 Relay output

1DO

Power backup



Adjusting output voltage

$\pm 8\%$

Output current limitation



Galvanic isolation



DIN rail mounting



Wall mounting



Ambient temperature

+70°C
-40°C

Technical data:

Output	
Rated output voltage	24 V DC
Rated output current	2.5 A
Rated output power consumption	60 W
Output voltage adjustment	±8 %
Pulse voltage alteration, max.	120 mV
Input	
Output voltage limits	
AC	85...264 V, 45...65 Hz 85...264 V, 45...65 Hz
DC	110...370 V
Current consumption	1.25 A
Inrush current	36 A
Efficiency	85%
ADC resolution	12 bit
Protection	
Output current limit	104 ... 116% of rated current
Output voltage limit	150% of rated voltage
IP Code	IP20
Environmental conditions	
Ambient temperature	-40...+70 °C
Transportation and storage	-40...+50 °C
Enclosure	
Weight	max. 0.5 kg

Backup: