

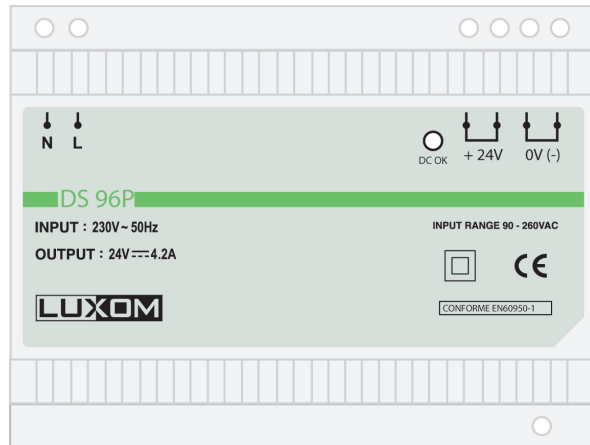
TECHNICAL DESCRIPTION

This Luxom power supply delivers 24 VDC with a current of 4,2A.

The number of modules that can be connected to a power supply varies, depending on the type of modules used.

Not all Luxom modules consume the same amount, consequently it is important to use the correct power supply.

Should more than one supply be used in one installation, only the negative (-) wire should be connected between the supplies.



TECHNICAL DATA

Product ID	-
Input voltage	90 – 260 VAC 50 Hz
Output voltage	24 VDC +/-10%
Ripple	1 – 3%
Minimum load required	1 VA
Protection against overload, short circuit and polarity inversion	Electronic
Class of isolation	II
Electromagnetic compatibility standard	EN50081/1/2 – EN50082/1/2
Safety standard	EN60950
Installation	DIN-rail mounting
Guarantee	1 year
Protection level	IP 20
Operational temperature	35° to 50° C

DS96P

Output current	4,2A
Dimensions LxWxH	100 x 90 x 56 mm
Number of DIN-rail modules 18 mm	5,5

DIMENSIONING OF THE SUPPLY

Relay outputs are mainly used to drive lighting, roller shutters, ventilation, etc.

A DS24P supply delivers sufficient power to drive 25 relays,
 DS 60P = 65 relays,
 DS 96P = 100 relays

However, when determining the power supply, keep in mind other consumers such as motion sensors, supervision panels, ...

Calculation example :

1 x DS 01P	Active bus terminator	0.3 VA 0.3 VA
4 x DS 08L	8 channel relay module	5 VA 30 VA
3 x DS 24A	Bipolar add-on 4 relay	2.5 VA 7.5 VA
22 x DS 03L	Universal 10 IO module	0.1 VA 2.2 VA
1 x DS 34L	Infra-red receiver 28 channels	0.25 VA 0.25 VA
2 x DS 30L	Temperature sensor	0.3 VA 0.6 VA
1 x DS 12L	Event module	0.2 VA 0.2 VA
10 x DS 26D	High red signal lamps	0.05 VA 0.5 VA

Total capacity required: **41.55 VA**

Supply to be used : DS 60P (60 VA max.)