

PS 24V

Datasheet

Power Supply



24V DC Power Supply

60mA for back box installation

300mA DIN rail module

Art. 24166012-24

Art. 24166130-24

Art. 24166012-24HS (DIN Rail)

PS 24V Power Supply

Overview

- 24V DC Power Supply
- Back box installation module:
maximum output current 60mA
- DIN rail Module: maximum output
current 300mA
- the DIN rail Module has a status LED



Specification, Characteristics

type	PS 24V 60mA	PS 24V 130mA	PS 24V 300mA
article number	24166012-24	24166130-24	24166012-24HS

electrical data:

input voltage	230 V AC	230 V AC	230 V AC
maximum input current	15 mA	18 mA	50 mA
output voltage	24V DC	24V DC	24V DC
maximum output current	60mA	130mA	300mA

general data:

mounting	back box	back box	DIN Rail
dimensions	60 x 33 x 15 mm	60 x 33 x 15 mm	98 x 18 x 56 mm
protection class	II		
protection type	IP20		

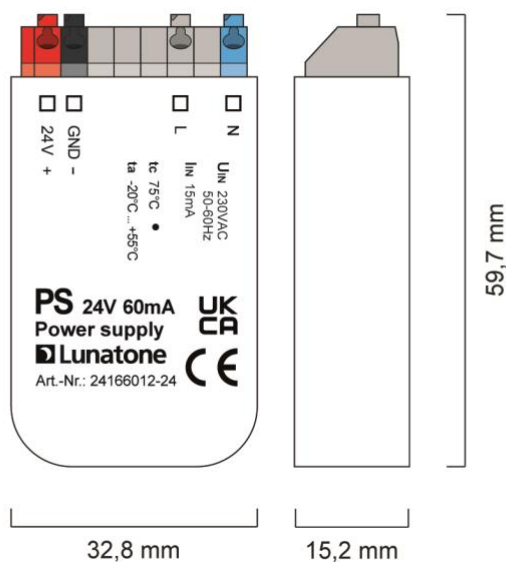
environmental conditions:

storage and transportation temperature	-20°C ... +75°C
operational ambient temperature	-20°C ... +55°C
rel. humidity, none condensing	15% ... 90%

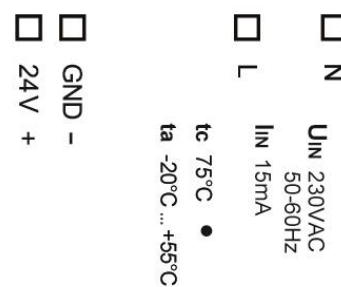
terminals:

connection type	spring terminal connectors	screw terminal
wire size solid core	0,5 ... 1,5 mm ² (AWG20 ... AWG16)	0,5 ... 2,5 mm ² (AWG20 ... AWG14)
wire size fine wired	0,5 ... 1,5 mm ² (AWG20 ... AWG16)	0,5 ... 2,5 mm ² (AWG20 ... AWG14)
wire size using wire end ferrule	0,25 ... 1 mm ²	0,25 ... 1,5 mm ²
stripping length	8,5 ... 9,5 mm / 0,33 ... 0,37 inch	7 mm / 0,27 inch
tightening torque	-	0,5 Nm

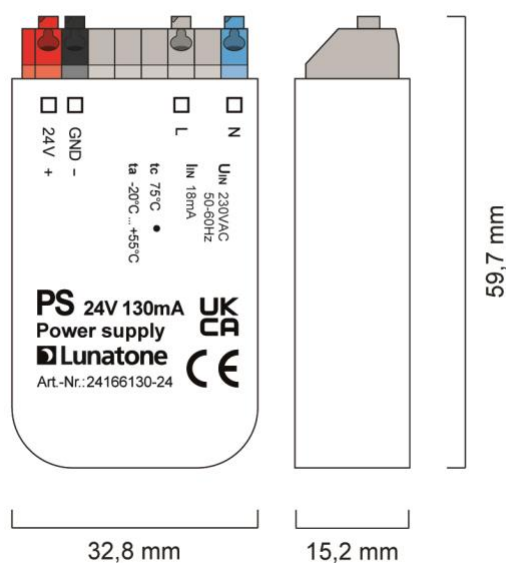
standards:	
EMV	EN 61547 EN 50015 / IEC CISPR15
safety	EN 61347-2-11 EN 61347-1
markings	CE, UKCA



geometry
PS24 60mA
back box (24166012-24)



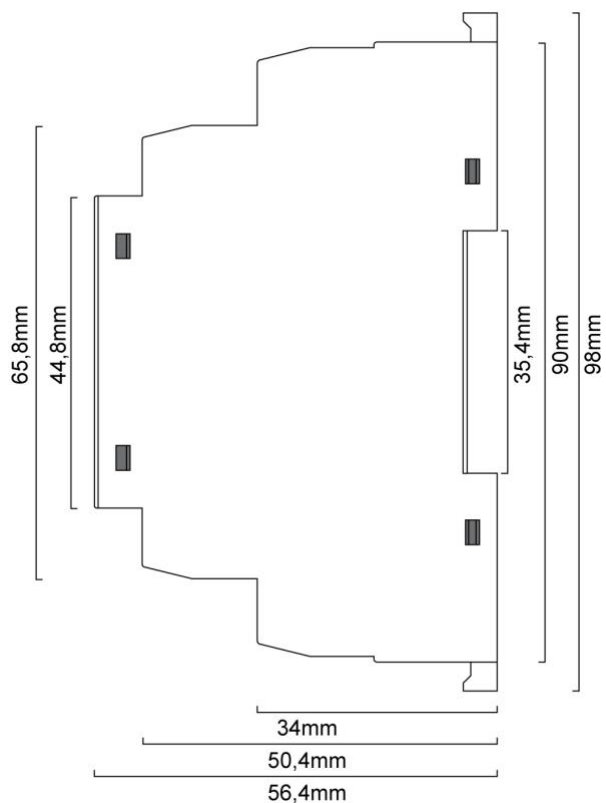
connection plan
PS24 60mA
back box (24166012-24)



geometry
PS24 130mA
back box (24166130-24)



connection plan
PS24 130mA
back box (24166130-24)



geometry
PS24 300mA
DIN rail (24166012-24HS)

connection plan
PS24 300mA
DIN rail (24166012-24HS)

Purchase Information

Art. Nr. 24166012-24

PS24 60mA
power supply
back box module

Art. Nr. 24166130-24

PS24 130mA
power supply
back box module

Art. Nr. 24166012-24HS

PS24 300mA
power supply
DIN rail Modul

Additional Information and
Equipment

DALI-Cockpit – free configuration tool from
Lunatone for DALI systems

<https://www.lunatone.com/en/product/dali-cockpit/>

Lunatone DALI products

<https://www.lunatone.com/en/>

Lunatone datasheets and manuals

<https://www.lunatone.com/en/downloads-a-z/>

Contact

Technical Support: support@lunatone.com

Requests: sales@lunatone.com

www.lunatone.com



Disclaimer

Subject to change. Information provided without guarantee.
The datasheet refers to the current delivery.

The compatibility with other devices must be tested in advance
to the installation.