



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)

Art. 24166173-24HS (DIN Rail)

PS 24V Power Supply

Overview

- 24V DC Power Supply
- Back box installation module
 - Art.Nr.: 24166012-24: maximum output current 60mA
 - Art.Nr.: 24166130-24: maximum output current 60mA
- DIN rail Module:
 - Art.Nr.: 24166012-HS24: maximum output current 300mA
 - Art.Nr.: 24166173-HS24: maximum output current 1000mA
- the DIN rail Module 300mA art.nr. 24166012-HS24 has a status LED



Specification, Characteristics

type	PS 24V 60mA	PS 24V 130mA	PS 24V 300mA	PS 24V 1000mA
article number	24166012-24	24166130-24	24166012-24HS	24166173-24HS

electrical data

input voltage	230 V AC	230 V AC	230 V AC	230 V AC
maximum input current	15 mA	18 mA	50 mA	180 mA
output voltage	24V DC	24V DC	24V DC	24V DC
maximum output current	60mA	130mA	300mA	1000mA

general data

mounting	back box	DIN rail 1DU	DIN rail 1.5DU
dimensions	60 x 33 x 15 mm	98 x 18 x 56 mm	98 x 23 x 56 mm
protection class	II		
protection type	IP20		

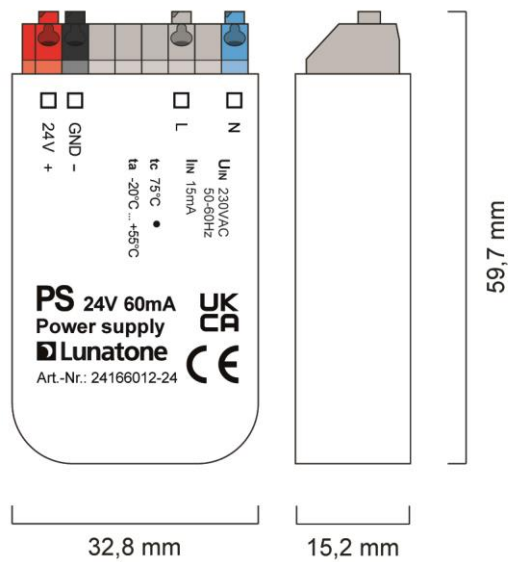
environmental conditions

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

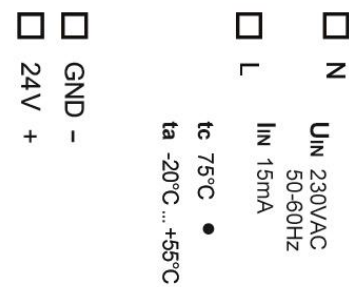
terminals

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

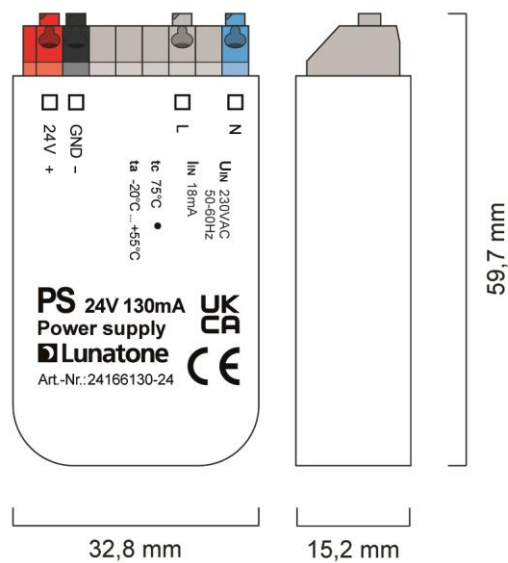
standards	
EMC	EN 61547 EN 50015 / IEC CISPR15
safety	EN 61347-2-11 EN 61347-1
markings	CE, UKCA



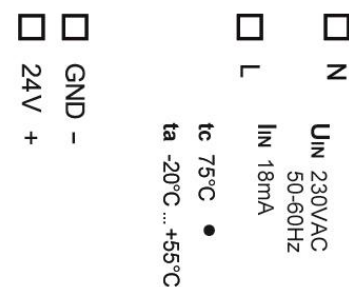
geometry PS24 60mA
back box (24166012-24)



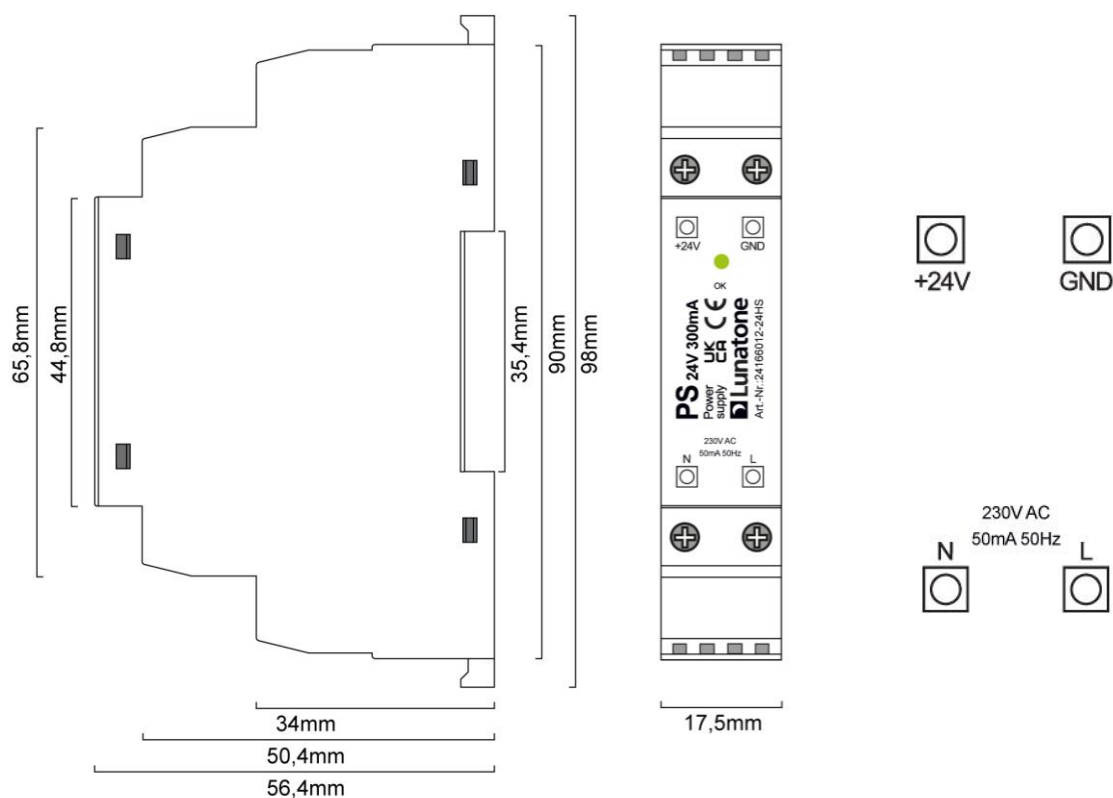
connection plan PS24 60mA
back box (24166012-24)



geometry PS24 130mA
back box (24166130-24)

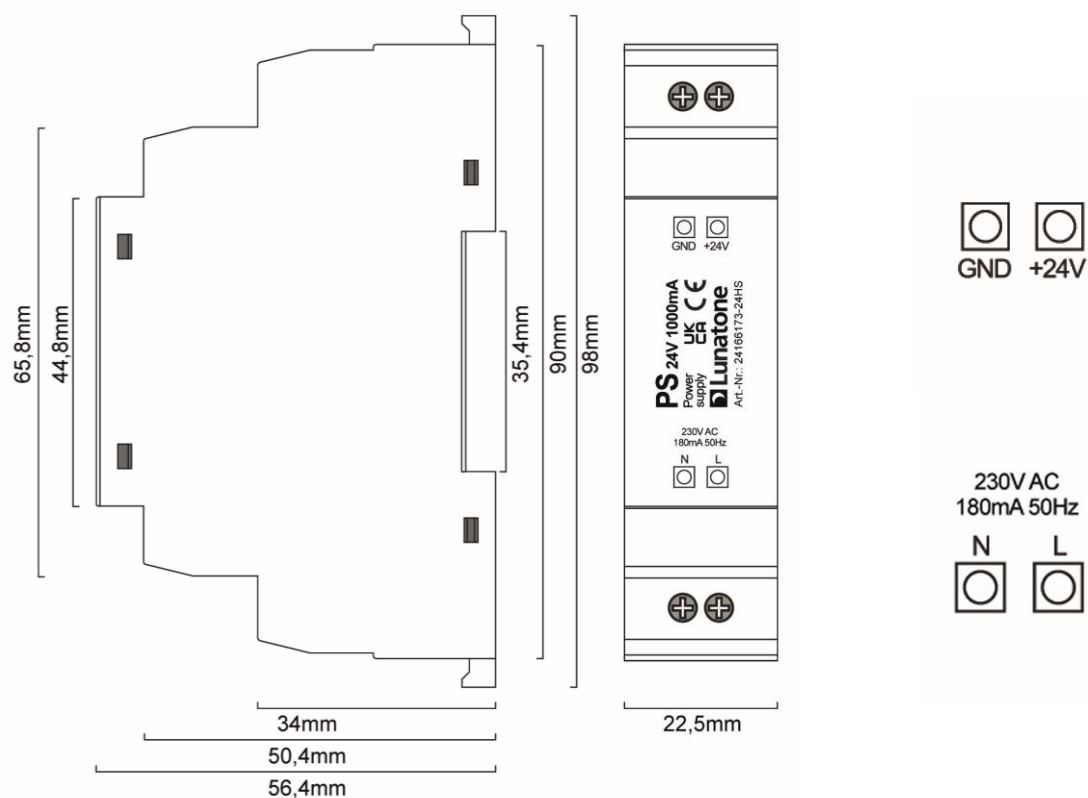


connection plan PS24 130mA
back box (24166130-24)



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

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



geometry PS24 1000mA
DIN rail (24166173-24HS)

connection plan PS24 1000mA
DIN rail (24166173-24HS)

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 (1DU)

Art. Nr. 24166173-24HS

PS24 1000mA
power supply
DIN rail Modul (1.5DU)

Additional Information and Equipment

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.