

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
 - Art.Nr.: 24166012-24: maximum output current 60mA
 - Art.Nr.: 24166130-24: 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 |

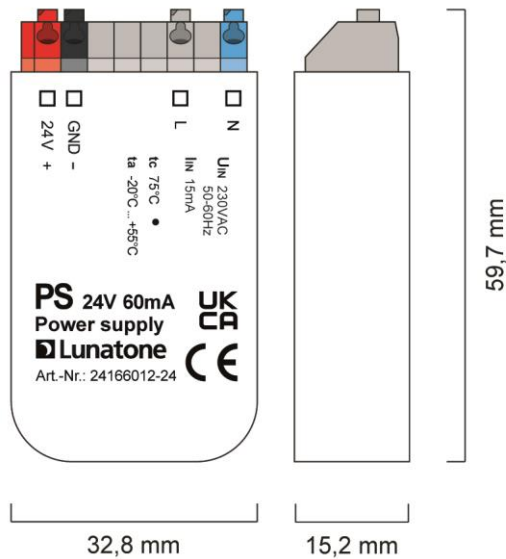
| electrical data | | | |
|------------------------|----------|----------|----------|
| input voltage | 230 V AC | 230 V AC | 230 V AC |
| maximum input current | 15 mA | 18 mA | 50 mA |
| output voltage | 24V DC | 24V DC | 24V DC |
| maximum output current | 60mA | 130mA | 300mA |

| 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 |

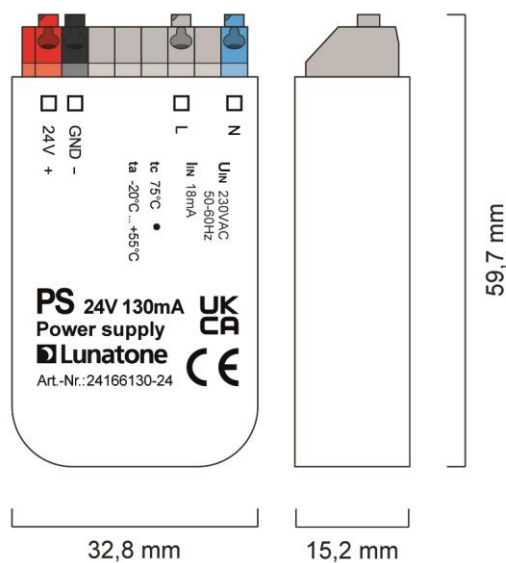
| standards | |
|-----------|------------------------------------|
| EMC | EN 61547 EN 50015 / IEC CISPR15 |
| safety | EN 61347-2-11 EN 61347-1 |
| markings | CE, UKCA |



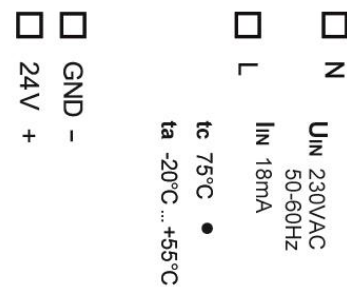
geometry
PS24 60mA
back box (24166012-24)



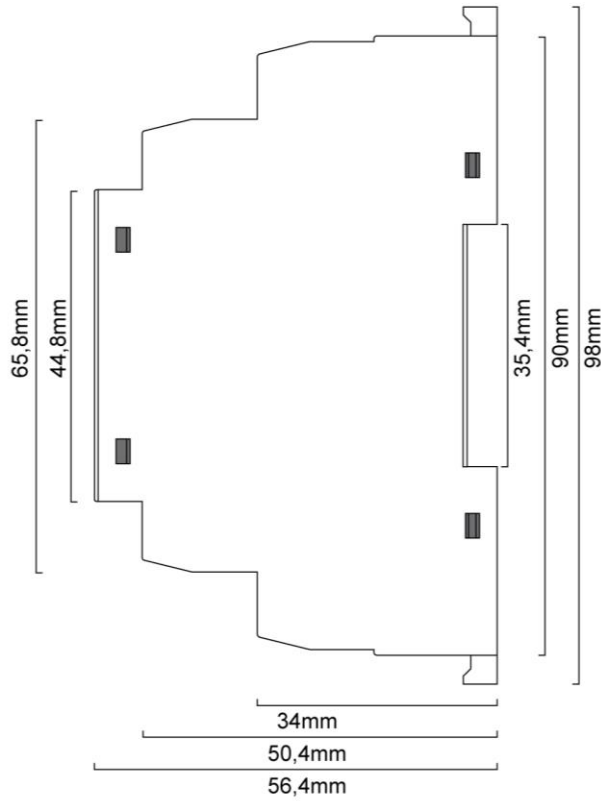
connection plan
PS24 60mA
back box (24166012-24)



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)

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.