

# Power supply units and UPS

## Power supply units

### MINI POWER power supply units - for measurement and control technology

#### MINI POWER, 1 AC, 24 V DC

- Easy-to-maintain connection method thanks to keyed COMBICON connector
- Remote monitoring of output voltage via switching output

#### MINI POWER, 1.5 A

- Flat power supply units with a depth of just 95 mm
  - Optional: DIN rail connector for supplying other modules
- Per power supply:  
2 x ME 17,5 TBUS 1,5/5-ST-3,82 GN  
(Order No.: 2709561)

#### MINI POWER, 100 W

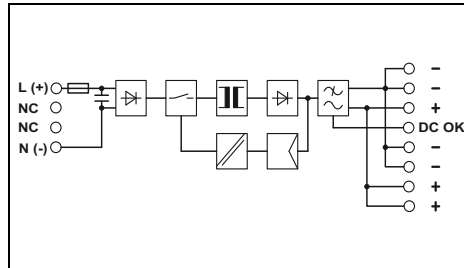
- Output power limited to 100 W: specifically for applications that require certification according to UL 1310/508 Listed Class 2



Power supply,  
1 AC, 24 V DC, 1.3 A



EX:



#### Technical data

|                                                             |                                                                                                                                                                           |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input data                                                  |                                                                                                                                                                           |
| Nominal input voltage range                                 | 100 V AC ... 240 V AC                                                                                                                                                     |
| Input voltage range AC/DC                                   | 85 V AC ... 264 V AC / 90 V DC ... 350 V DC                                                                                                                               |
| Frequency range                                             | 45 Hz ... 65 Hz / 0 Hz                                                                                                                                                    |
| Current consumption (nominal load)                          | 0.65 A (120 V AC) / 0.25 A (230 V AC)                                                                                                                                     |
| Inrush current limitation at 25°C (typ.) / I <sup>2</sup> t | < 15 A / 0.6 A <sup>2</sup> s                                                                                                                                             |
| Mains buffering (I <sub>N</sub> , typ.)                     | > 20 ms (120 V AC) / > 110 ms (230 V AC)                                                                                                                                  |
| Output data                                                 |                                                                                                                                                                           |
| Nominal output voltage                                      | 24 V DC ±1%                                                                                                                                                               |
| Setting range of the output voltage                         | 22.5 V DC ... 28.5 V DC (> 24 V constant capacity)                                                                                                                        |
| Output current / POWER BOOST                                | 1.3 A / 1.6 A                                                                                                                                                             |
| Can be connected in parallel / series                       | Yes / Yes                                                                                                                                                                 |
| Max. power dissipation (no load / nominal load)             | 0.9 W / 4.5 W                                                                                                                                                             |
| Efficiency (typ.)                                           | > 85 % (for 230 V AC and nominal values)                                                                                                                                  |
| Residual ripple                                             | < 20 mV <sub>pp</sub>                                                                                                                                                     |
| Signaling                                                   |                                                                                                                                                                           |
| Signaling DC OK                                             | LED, active switching output                                                                                                                                              |
| General data                                                |                                                                                                                                                                           |
| Weight / Dimensions W x H x D                               | 0.2 kg / 22.5 x 99 x 107 mm                                                                                                                                               |
| Spacing when mounting                                       | Can be aligned: Horizontally 0 mm, vertically 50 mm                                                                                                                       |
| Connection method                                           | Plug-in screw connection                                                                                                                                                  |
| Connection data solid / stranded / AWG                      | 0.2 - 2.5 mm <sup>2</sup> / 0.2 - 2.5 mm <sup>2</sup> / 24 - 12                                                                                                           |
| Degree of protection / Protection class                     | IP20 / II (in an enclosed control cabinet)                                                                                                                                |
| MTBF (EN 29500, 40°C)                                       | > 1104000 h                                                                                                                                                               |
| Ambient temperature (operation)                             | -25 °C ... 70 °C (> 60 °C derating)                                                                                                                                       |
| Standards/regulations                                       |                                                                                                                                                                           |
| Insulation voltage input/output                             | 3 kV (Routine test) / 4 kV (type test)                                                                                                                                    |
| Electromagnetic compatibility                               | Conformance with EMC Directive 2004/108/EC                                                                                                                                |
| Electrical safety                                           | EN 60950-1/VDE 0805 (SELV)                                                                                                                                                |
| Electronic equipm. for electrical power installations       | EN 50178/VDE 0160 (PELV)                                                                                                                                                  |
| Safe isolation                                              | DIN VDE 0100-410 , DIN VDE 0106-1010                                                                                                                                      |
| UL approvals                                                | UL/C-UL listed UL 508 , UL/C-UL Recognized UL 60950 ,<br>UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D<br>(Hazardous Location) , NEC Class 2 as per UL 1310 |
| Limitation of harmonic line currents                        | EN 61000-3-2                                                                                                                                                              |

#### Ordering data

| Type                                | Order No. | Pcs. / Pkt. |
|-------------------------------------|-----------|-------------|
| Power supply unit, primary-switched |           |             |
| MINI-PS-100-240AC/24DC/1.3          | 2866446   | 1           |

#### Accessories

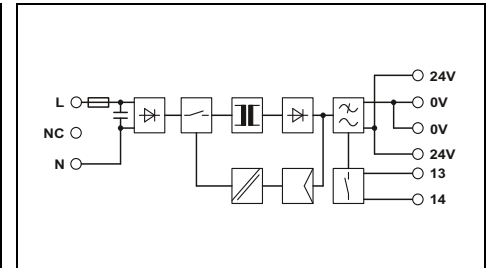
**DIN rail connector** (optional), for routing through the supply voltage and data signal, two pieces are required per device



Power supply unit, 1 AC, 24 V DC, 1.5 A,  
flat design, optional DIN rail connector



EX:



#### Technical data

|                                                             |                                                                                                                                              |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Input data                                                  |                                                                                                                                              |
| Nominal input voltage range                                 | 100 V AC ... 240 V AC                                                                                                                        |
| Input voltage range AC/DC                                   | 85 V AC ... 264 V AC                                                                                                                         |
| Frequency range                                             | 45 Hz ... 65 Hz                                                                                                                              |
| Current consumption (nominal load)                          | 0.75 A (120 V AC) / 0.45 A (230 V AC)                                                                                                        |
| Inrush current limitation at 25°C (typ.) / I <sup>2</sup> t | < 15 A / 0.6 A <sup>2</sup> s                                                                                                                |
| Mains buffering (I <sub>N</sub> , typ.)                     | > 35 ms (120 V AC) / > 150 ms (230 V AC)                                                                                                     |
| Output data                                                 |                                                                                                                                              |
| Nominal output voltage                                      | 24 V DC ±1%                                                                                                                                  |
| Setting range of the output voltage                         | -                                                                                                                                            |
| Output current / POWER BOOST                                | 1.5 A / 2 A                                                                                                                                  |
| Can be connected in parallel / series                       | Yes / No                                                                                                                                     |
| Max. power dissipation (no load / nominal load)             | 1.5 W / 6.5 W                                                                                                                                |
| Efficiency (typ.)                                           | > 84 % (for 230 V AC and nominal values)                                                                                                     |
| Residual ripple                                             | < 40 mV <sub>pp</sub>                                                                                                                        |
| Signaling                                                   |                                                                                                                                              |
| Signaling DC OK                                             | LED, relay contact                                                                                                                           |
| General data                                                |                                                                                                                                              |
| Weight / Dimensions W x H x D                               | 0.25 kg / 35 x 99 x 95 mm                                                                                                                    |
| Spacing when mounting                                       | Can be aligned: Horizontally 0 mm, vertically 50 mm                                                                                          |
| Connection method                                           | Plug-in screw connection                                                                                                                     |
| Connection data solid / stranded / AWG                      | 0.2 - 2.5 mm <sup>2</sup> / 0.2 - 2.5 mm <sup>2</sup> / 24 - 12                                                                              |
| Degree of protection / Protection class                     | IP20 / II (in an enclosed control cabinet)                                                                                                   |
| MTBF (EN 29500, 40°C)                                       | > 2789000 h                                                                                                                                  |
| Ambient temperature (operation)                             | -25 °C ... 70 °C (> 60 °C derating)                                                                                                          |
| Standards/regulations                                       |                                                                                                                                              |
| Insulation voltage input/output                             | 3 kV (Routine test) / 4 kV (type test)                                                                                                       |
| Electromagnetic compatibility                               | Conformance with EMC Directive 2004/108/EC                                                                                                   |
| Electrical safety                                           | EN 60950-1/VDE 0805 (SELV)                                                                                                                   |
| Electronic equipm. for electrical power installations       | EN 50178/VDE 0160 (PELV)                                                                                                                     |
| Safe isolation                                              | DIN VDE 0100-410 , DIN VDE 0106-1010                                                                                                         |
| UL approvals                                                | UL/C-UL listed UL 508 , UL/C-UL Recognized UL 60950 ,<br>UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D<br>(Hazardous Location) |
| Limitation of harmonic line currents                        | EN 61000-3-2                                                                                                                                 |

#### Ordering data

| Type                                | Order No. | Pcs. / Pkt. |
|-------------------------------------|-----------|-------------|
| Power supply unit, primary-switched |           |             |
| MINI-SYS-PS-100-240AC/24DC/1.5      | 2866983   | 1           |

#### Accessories

|                                |         |    |
|--------------------------------|---------|----|
| ME 17,5 TBUS 1,5/ 5-ST-3,81 GN | 2709561 | 10 |
|--------------------------------|---------|----|



Power supply,  
1 AC, 24 V DC, 2 A



Ex:



Power supply,  
1 AC, 24 V DC, 100 W  
NEC Class 2



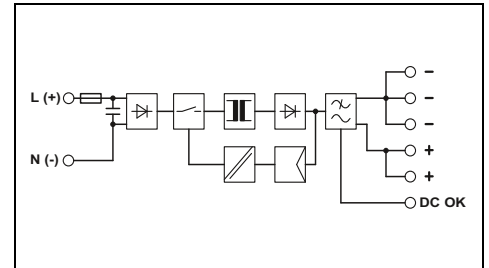
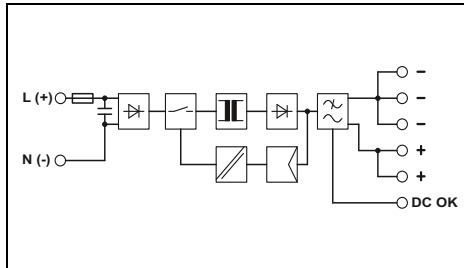
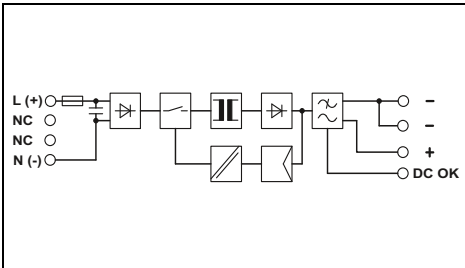
Ex:



Power supply,  
1 AC, 24 V DC, 4 A



Ex:



#### Technical data

100 V AC ... 240 V AC  
85 V AC ... 264 V AC / 90 V DC ... 350 V DC  
45 Hz ... 65 Hz / 0 Hz  
0.7 A (120 V AC) / 0.4 A (230 V AC)  
< 15 A / 4.1 A<sup>2</sup>s  
> 35 ms (120 V AC) / > 170 ms (230 V AC)

24 V DC  $\pm 1\%$   
22.5 V DC ... 28.5 V DC (> 24 V constant capacity)

2 A / 2.9 A  
Yes / Yes  
2 W / 7 W  
> 88 % (for 230 V AC and nominal values)  
< 20 mV<sub>PP</sub>

LED, active switching output

0.25 kg / 45 x 99 x 107 mm  
Can be aligned: Horizontally 0 mm, vertically 50 mm  
Plug-in screw connection  
0.2 - 2.5 mm<sup>2</sup> / 0.2 - 2.5 mm<sup>2</sup> / 24 - 12  
IP20 / II (in an enclosed control cabinet)  
> 507981 h  
-25 °C ... 70 °C (> 60 °C derating)

3 kV (Routine test) / 4 kV (type test)  
Conformance with EMC Directive 2004/108/EC  
EN 60950-1/VDE 0805 (SELV)  
EN 50178/VDE 0160 (PELV)  
DIN VDE 0100-410, DIN VDE 0106-1010  
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950,  
UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D  
(Hazardous Location), NEC Class 2 as per UL 1310

EN 61000-3-2

#### Ordering data

| Type                     | Order No. | Pcs. / Pkt. |
|--------------------------|-----------|-------------|
| MINI-PS-100-240AC/24DC/2 | 2938730   | 1           |

#### Accessories

#### Technical data

100 V AC ... 240 V AC  
85 V AC ... 264 V AC / 90 V DC ... 350 V DC  
45 Hz ... 65 Hz / 0 Hz  
1.3 A (120 V AC) / 0.8 A (230 V AC)  
< 15 A / 2.1 A<sup>2</sup>s  
> 20 ms (120 V AC) / > 100 ms (230 V AC)

24 V DC  $\pm 1\%$   
22.5 V DC ... 26 V DC (> 24 V constant capacity)

3.8 A  
Yes / Yes  
2.5 W / 12 W  
> 88 % (for 230 V AC and nominal values)  
< 40 mV<sub>PP</sub>

LED, active switching output

0.4 kg / 67.5 x 99 x 107 mm  
Can be aligned: Horizontally 0 mm, vertically 50 mm  
Plug-in screw connection  
0.2 - 2.5 mm<sup>2</sup> / 0.2 - 2.5 mm<sup>2</sup> / 24 - 12  
IP20 / II (in an enclosed control cabinet)  
> 815000 h  
-25 °C ... 70 °C (> 60 °C derating)

3 kV (Routine test) / 3 kV (type test)  
Conformance with EMC Directive 2004/108/EC  
EN 60950-1/VDE 0805 (SELV)  
EN 50178/VDE 0160 (PELV)  
DIN VDE 0100-410, DIN VDE 0106-1010  
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950,  
UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D  
(Hazardous Location), NEC Class 2 as per UL 1310

EN 61000-3-2

#### Ordering data

| Type                         | Order No. | Pcs. / Pkt. |
|------------------------------|-----------|-------------|
| MINI-PS-100-240AC/24DC/C2LPS | 2866336   | 1           |

#### Accessories

#### Technical data

100 V AC ... 240 V AC  
85 V AC ... 264 V AC / 90 V DC ... 350 V DC  
45 Hz ... 65 Hz / 0 Hz  
1.3 A (120 V AC) / 0.8 A (230 V AC)  
< 15 A / 2.1 A<sup>2</sup>s  
> 20 ms (120 V AC) / > 100 ms (230 V AC)

24 V DC  $\pm 1\%$   
22.5 V DC ... 28.5 V DC (> 24 V constant capacity)

4 A / 5 A  
Yes / Yes  
2.5 W / 12 W  
> 88 % (for 230 V AC and nominal values)  
< 20 mV<sub>PP</sub>

LED, active switching output

0.4 kg / 67.5 x 99 x 107 mm  
Can be aligned: Horizontally 0 mm, vertically 50 mm  
Plug-in screw connection  
0.2 - 2.5 mm<sup>2</sup> / 0.2 - 2.5 mm<sup>2</sup> / 24 - 12  
IP20 / II (in an enclosed control cabinet)  
> 815000 h  
-25 °C ... 70 °C (> 60 °C derating)

3 kV (Routine test) / 3 kV (type test)  
Conformance with EMC Directive 2004/108/EC  
EN 60950-1/VDE 0805 (SELV)  
EN 50178/VDE 0160 (PELV)  
DIN VDE 0100-410, DIN VDE 0106-1010  
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950,  
UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D  
(Hazardous Location)

EN 61000-3-2

#### Ordering data

| Type                     | Order No. | Pcs. / Pkt. |
|--------------------------|-----------|-------------|
| MINI-PS-100-240AC/24DC/4 | 2938837   | 1           |

#### Accessories

Power supply units and UPS

Power supply units

MINI POWER power supply units - for measurement and control technology

MINI POWER, 1 AC, 5 to 15 V DC

- Easy-to-maintain connection method thanks to keyed COMBICON connector
- Remote monitoring of output voltage via switching output

MINI POWER, 5 and 10 - 15 V DC

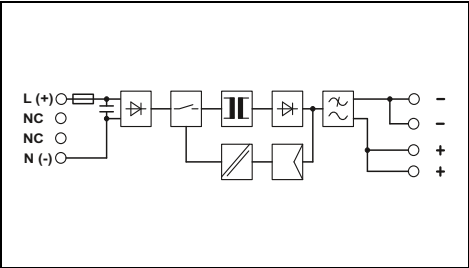
- Adjustable output voltage of 4.5 to 5.5 V DC, or of 10 to 15 V DC

MINI POWER, ±15 V DC

- For supplying operational amplifiers



Power supply,  
1 AC, 5 V DC, 3 A



| Input data                                            |                                                                                                                                              |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Nominal input voltage range                           | 100 V AC ... 240 V AC                                                                                                                        |
| Input voltage range AC/DC                             | 85 V AC ... 264 V AC / 90 V DC ... 350 V DC                                                                                                  |
| Frequency range                                       | 45 Hz ... 65 Hz / 0 Hz                                                                                                                       |
| Current consumption (nominal load)                    | 0.4 A (120 V AC) / 0.2 A (230 V AC)                                                                                                          |
| Inrush current limitation at 25°C (typ.) / I²t        | < 15 A / 1.5 A²s                                                                                                                             |
| Mains buffering (I <sub>N</sub> , typ.)               | > 30 ms (120 V AC) / > 140 ms (230 V AC)                                                                                                     |
| Output data                                           |                                                                                                                                              |
| Nominal output voltage                                | 5 V DC ±1%                                                                                                                                   |
| Setting range of the output voltage                   | 4.5 V DC ... 5.5 V DC (> 5 V constant capacity)                                                                                              |
| Output current / POWER BOOST                          | 3 A / 5 A                                                                                                                                    |
| Can be connected in parallel / series                 | Yes / Yes                                                                                                                                    |
| Max. power dissipation (no load / nominal load)       | 1 W / 5 W                                                                                                                                    |
| Efficiency (typ.)                                     | > 73 % (for 230 V AC and nominal values)                                                                                                     |
| Residual ripple                                       | < 40 mV <sub>pp</sub>                                                                                                                        |
| Signaling                                             |                                                                                                                                              |
| Signaling DC OK                                       | LED                                                                                                                                          |
| General data                                          |                                                                                                                                              |
| Weight / Dimensions W x H x D                         | 0.17 kg / 22.5 x 99 x 107 mm                                                                                                                 |
| Spacing when mounting                                 | Can be aligned: Horizontally 0 mm, vertically 50 mm                                                                                          |
| Connection method                                     | Plug-in screw connection                                                                                                                     |
| Connection data solid / stranded / AWG                | 0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 12                                                                                                      |
| Degree of protection / Protection class               | IP20 / II (in an enclosed control cabinet)                                                                                                   |
| MTBF (EN 29500, 40°C)                                 | > 500000 h                                                                                                                                   |
| Ambient temperature (operation)                       | -25 °C ... 70 °C (> 60 °C derating)                                                                                                          |
| Standards/regulations                                 |                                                                                                                                              |
| Insulation voltage input/output                       | 3 kV (Routine test) / 4 kV (type test)                                                                                                       |
| Electromagnetic compatibility                         | Conformance with EMC Directive 2004/108/EC                                                                                                   |
| Electrical safety                                     | EN 60950-1/VDE 0805 (SELV)                                                                                                                   |
| Electronic equipm. for electrical power installations | EN 50178/VDE 0160 (PELV)                                                                                                                     |
| Safe isolation                                        | DIN VDE 0100-410 , DIN VDE 0106-1010                                                                                                         |
| UL approvals                                          | UL/C-UL listed UL 508 , UL/C-UL Recognized UL 60950 ,<br>UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D<br>(Hazardous Location) |
| Limitation of harmonic line currents                  |                                                                                                                                              |
| EN 61000-3-2                                          |                                                                                                                                              |
| Description                                           |                                                                                                                                              |
| Power supply unit, primary-switched                   |                                                                                                                                              |

| Technical data                                                                                                                               |           |             |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|
| 100 V AC ... 240 V AC                                                                                                                        |           |             |
| 85 V AC ... 264 V AC / 90 V DC ... 350 V DC                                                                                                  |           |             |
| 45 Hz ... 65 Hz / 0 Hz                                                                                                                       |           |             |
| 0.4 A (120 V AC) / 0.2 A (230 V AC)                                                                                                          |           |             |
| < 15 A / 1.5 A²s                                                                                                                             |           |             |
| > 30 ms (120 V AC) / > 140 ms (230 V AC)                                                                                                     |           |             |
| 5 V DC ±1%                                                                                                                                   |           |             |
| 4.5 V DC ... 5.5 V DC (> 5 V constant capacity)                                                                                              |           |             |
| 3 A / 5 A                                                                                                                                    |           |             |
| Yes / Yes                                                                                                                                    |           |             |
| 1 W / 5 W                                                                                                                                    |           |             |
| > 73 % (for 230 V AC and nominal values)                                                                                                     |           |             |
| < 40 mV <sub>pp</sub>                                                                                                                        |           |             |
| LED                                                                                                                                          |           |             |
| 0.17 kg / 22.5 x 99 x 107 mm                                                                                                                 |           |             |
| Can be aligned: Horizontally 0 mm, vertically 50 mm                                                                                          |           |             |
| Plug-in screw connection                                                                                                                     |           |             |
| 0.2 - 2.5 mm² / 0.2 - 2.5 mm² / 24 - 12                                                                                                      |           |             |
| IP20 / II (in an enclosed control cabinet)                                                                                                   |           |             |
| > 500000 h                                                                                                                                   |           |             |
| -25 °C ... 70 °C (> 60 °C derating)                                                                                                          |           |             |
| 3 kV (Routine test) / 4 kV (type test)                                                                                                       |           |             |
| Conformance with EMC Directive 2004/108/EC                                                                                                   |           |             |
| EN 60950-1/VDE 0805 (SELV)                                                                                                                   |           |             |
| EN 50178/VDE 0160 (PELV)                                                                                                                     |           |             |
| DIN VDE 0100-410 , DIN VDE 0106-1010                                                                                                         |           |             |
| UL/C-UL listed UL 508 , UL/C-UL Recognized UL 60950 ,<br>UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D<br>(Hazardous Location) |           |             |
| EN 61000-3-2                                                                                                                                 |           |             |
| Ordering data                                                                                                                                |           |             |
| Type                                                                                                                                         | Order No. | Pcs. / Pkt. |
| MINI-PS-100-240AC/ 5DC/3                                                                                                                     | 2938714   | 1           |



Power supply,  
1 AC, 10 - 15 V DC, 2 A



Ex:



Power supply,  
1 AC, 10 - 15 V DC, 8 A



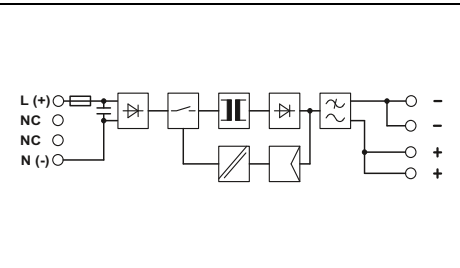
Ex:



Power supply,  
1 AC,  $\pm 15$  V DC, 1 A



Ex:



#### Technical data

100 V AC ... 240 V AC  
85 V AC ... 264 V AC / 90 V DC ... 350 V DC  
45 Hz ... 65 Hz / 0 Hz  
0.4 A (120 V AC) / 0.2 A (230 V AC)  
< 15 A / 1.7 A<sup>2</sup>s  
> 20 ms (120 V AC) / > 120 ms (230 V AC)

12 V DC  $\pm 1\%$   
10 V DC ... 15 V DC (> 12 V constant capacity)

2 A / 2.3 A  
Yes / Yes  
< 1 W / < 7 W  
> 86 % (for 230 V AC and nominal values)  
< 20 mV<sub>pp</sub>

#### LED

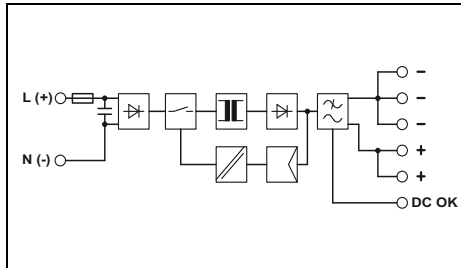
0.25 kg / 45 x 99 x 107 mm  
Can be aligned: Horizontally 0 mm, vertically 50 mm  
Plug-in screw connection  
0.2 - 2.5 mm<sup>2</sup> / 0.2 - 2.5 mm<sup>2</sup> / 24 - 12  
IP20 / II (in an enclosed control cabinet)  
> 507000 h  
-25 °C ... 70 °C (> 60 °C derating)

3 kV (Routine test) / 4 kV (type test)  
Conformance with EMC Directive 2004/108/EC  
EN 60950-1/VDE 0805 (SELV)  
EN 50178/VDE 0160 (PELV)  
DIN VDE 0100-410, DIN VDE 0106-1010  
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950,  
UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D  
(Hazardous Location)

EN 61000-3-2

#### Ordering data

| Type                        | Order No. | Pcs. / Pkt. |
|-----------------------------|-----------|-------------|
| MINI-PS-100-240AC/10-15DC/2 | 2938756   | 1           |



#### Technical data

100 V AC ... 240 V AC  
85 V AC ... 264 V AC / 90 V DC ... 350 V DC  
45 Hz ... 65 Hz / 0 Hz  
1.3 A (120 V AC) / 0.8 A (230 V AC)  
< 15 A / 2.1 A<sup>2</sup>s  
> 20 ms (120 V AC) / > 20 ms (230 V AC)

12 V DC  $\pm 1\%$   
10 V DC ... 15 V DC (> 12 V constant capacity)

8 A / 6.6 A  
Yes / Yes  
< 2.5 W / < 12 W  
> 88 % (for 230 V AC and nominal values)  
< 40 mV<sub>pp</sub>

#### LED, active switching output

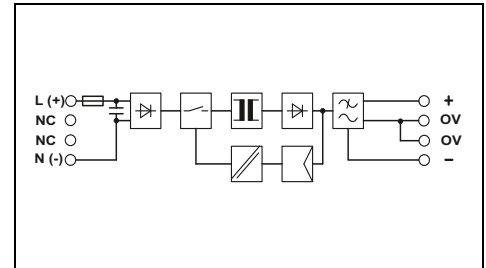
0.4 kg / 67.5 x 99 x 107 mm  
Can be aligned: Horizontally 0 mm, vertically 50 mm  
Plug-in screw connection  
0.2 - 2.5 mm<sup>2</sup> / 0.2 - 2.5 mm<sup>2</sup> / 24 - 12  
IP20 / II (in an enclosed control cabinet)  
> 984000 h  
-25 °C ... 70 °C (> 60 °C derating)

3 kV (Routine test) / 3 kV (type test)  
Conformance with EMC Directive 2004/108/EC  
EN 60950-1/VDE 0805 (SELV)  
EN 50178/VDE 0160 (PELV)  
DIN VDE 0100-410, DIN VDE 0106-1010  
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950,  
UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D  
(Hazardous Location)

EN 61000-3-2

#### Ordering data

| Type                        | Order No. | Pcs. / Pkt. |
|-----------------------------|-----------|-------------|
| MINI-PS-100-240AC/10-15DC/8 | 2866297   | 1           |



#### Technical data

100 V AC ... 240 V AC  
85 V AC ... 264 V AC / 90 V DC ... 350 V DC  
45 Hz ... 65 Hz / 0 Hz  
0.6 A (120 V AC) / 0.4 A (230 V AC)  
< 35 A / 4 A<sup>2</sup>s  
> 30 ms (120 V AC) / > 150 ms (230 V AC)

$\pm 15$  V DC  $\pm 1\%$   
-

1 A / 1.5 A  
Yes / Yes  
2 W / 8 W  
> 80 % (for 230 V AC and nominal values)  
< 30 mV<sub>pp</sub>

#### LED

0.25 kg / 45 x 99 x 107 mm  
Can be aligned: Horizontally 0 mm, vertically 50 mm  
Plug-in screw connection  
0.2 - 2.5 mm<sup>2</sup> / 0.2 - 2.5 mm<sup>2</sup> / 24 - 12  
IP20 / II (in an enclosed control cabinet)  
> 500000 h  
-25 °C ... 70 °C (> 60 °C derating)

3 kV (Routine test) / 4 kV (type test)  
Conformance with EMC Directive 2004/108/EC  
EN 60950-1/VDE 0805 (SELV)  
EN 50178/VDE 0160 (PELV)  
DIN VDE 0100-410, DIN VDE 0106-1010  
UL/C-UL listed UL 508, UL/C-UL Recognized UL 60950,  
UL ANSI/ISA-12.12.01 Class I, Division 2, Groups A, B, C, D  
(Hazardous Location), NEC Class 2 as per UL 1310

EN 61000-3-2

#### Ordering data

| Type                       | Order No. | Pcs. / Pkt. |
|----------------------------|-----------|-------------|
| MINI-PS-100-240AC/2X15DC/1 | 2938743   | 1           |