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Uninterruptible power supply with integrated power storage, lead AGM, VRLA technology, 24 V DC, 0.8 Ah.



Key Commercial Data

| Packing unit | 1 pc |
|--------------------------------------|----------|
| Weight per Piece (excluding packing) | 1100.0 g |
| Custom tariff number | 85371091 |
| Country of origin | Germany |

Technical data

Dimensions

| Width | 110 mm |
|--------|--------|
| Height | 90 mm |
| Depth | 84 mm |

Ambient conditions

| Degree of protection | IP20 |
|--|-----------------------------------|
| Ambient temperature (operation) | -15 °C 50 °C |
| Ambient temperature (storage/transport) | -20 °C 60 °C |
| Max. permissible relative humidity (operation) | ≤ 95 % (at 25 °C, non-condensing) |
| Noise immunity | EN 61000-6-2 |

Input data

| Nominal input voltage range | 24 V DC (SELV) |
|-------------------------------|---------------------|
| Input voltage range | 22.5 V DC 29.5 V DC |
| Current consumption (maximum) | 2.8 A |
| Current consumption (idle) | < 60 mA |



Technical data

Input data

| Current consumption (charging process) | < 300 mA |
|--|------------------|
| Buffer period | 45 min. (0.5 A) |
| | 20 min. (1 A) |
| | 8 min. (2 A) |
| | 5 min. (2.5 A) |
| Charging time | approx. 5 h |
| Input fuse | 5 A (electronic) |

Output data (24 V DC mains operation)

| Nominal output current | 25Δ |
|------------------------|-------|
| Nominal output current | 2.5 A |

Output data (24 V DC battery operation)

| Nominal output current | 2.5 A |
|------------------------|-------|
| | |

General output data

| Efficiency | > 95 % (Mains operation, with charged power storage) |
|------------|--|
|------------|--|

General

| IQ technology | No |
|----------------------------|--|
| Net weight | 1 kg |
| Memory medium | Lead rechargeable battery module |
| Protection class | III |
| MTBF (IEC 61709, SN 29500) | > 1900000 h (40°C) |
| Mounting position | horizontal DIN rail NS 35, EN 60715 |
| Assembly instructions | Alignable: 0 mm horizontally, 30 mm vertically |

Connection data, input

| Connection method | Screw connection |
|---------------------------------------|------------------|
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 2.5 mm² |
| Conductor cross section flexible min. | 0.2 mm² |
| Conductor cross section flexible max. | 2.5 mm² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 14 |
| Stripping length | 7 mm |
| Screw thread | M3 |

Connection data, output

| Connection method | Screw connection |
|------------------------------------|---------------------|
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 2.5 mm ² |



Technical data

Connection data, output

| Conductor cross section flexible min. | 0.2 mm² |
|---------------------------------------|---------------------|
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 14 |
| Stripping length | 7 mm |
| Screw thread | M3 |

Connection data for signaling

| Connection method | Screw connection |
|---------------------------------------|------------------|
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 2.5 mm² |
| Conductor cross section flexible min. | 0.2 mm² |
| Conductor cross section flexible max. | 2.5 mm² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 14 |
| Stripping length | 7 mm |
| Screw thread | M3 |

Standards and Regulations

| Electromagnetic compatibility | Conformance with EMC Directive 2004/108/EC | |
|--|---|--|
| Shock | 30g in each direction, according to IEC 60068-2-27 | |
| Noise immunity | EN 61000-6-2 | |
| Standards/regulations | EN 61000-4-3 | |
| | EN 61000-4-4 | |
| | EN 61000-4-6 | |
| Standard - Electrical safety | EN 60950-1/VDE 0805 (SELV) | |
| Standard – Electronic equipment for use in electrical power installations and their assembly into electrical power installations | EN 50178/VDE 0160 (PELV) | |
| UL approvals | UL Listed UL 508 | |
| | UL/C-UL Recognized UL 60950 | |
| Vibration (operation) | < 13.2 Hz, amplitude ±1.0 mm (according to IEC 60068-2-6) | |

Classifications

eCl@ss

| eCl@ss 5.1 | 27040603 |
|------------|----------|
| eCl@ss 6.0 | 27040603 |
| eCl@ss 8.0 | 27040603 |



Classifications

| ETIM | | |
|--|---|--|
| ETIM 5.0 | EC000382 | |
| Approvals | | |
| Approvals | | |
| Approvals | | |
| UL Listed / cUL Listed / EAC / IECEE CB Scheme | e / UL Recognized / cUL Recognized / cULus Listed | |
| Ex Approvals | | |
| Approvals submitted | | |
| Approval details | | |
| UL Listed (I) | | |
| | | |
| cUL Listed • | | |
| EAC | | |
| | | |
| | | |
| IECEE CB Scheme CB | | |
| UL Recognized | | |
| | | |
| cUL Recognized | | |



Approvals



Accessories

Accessories

Power supply

Power supply unit - UNO-PS/1AC/24DC/ 60W - 2902992



Primary-switched UNO POWER power supply for DIN rail mounting, input: 1-phase, output: 24 V DC/60 W

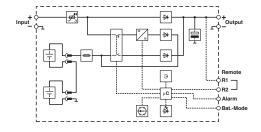
Power supply unit - UNO-PS/1AC/24DC/100W - 2902993



Primary-switched UNO POWER power supply for DIN rail mounting, input: 1-phase, output: 24 V DC/100 W

Drawings

Block diagram



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