

Energy storage - UPS-CAP/24DC/10A/10KJ - 2320377

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Maintenance-free power storage based on double-layer capacitor, 24 V DC, 10 kJ, automatic detection and communication with QUINT UPS-IQ

Product Description

Maintenance free 24 V DC dual layer capacitor, 10 kJ, automatic detection and communication with QUINT UPS-IQ

Product Features

- Communication with QUINT UPS IQ



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 2040.0 g |
| Custom tariff number | 85322900 |
| Country of origin | China |

Technical data

Dimensions

| | |
|--------|--------|
| Width | 126 mm |
| Height | 130 mm |
| Depth | 126 mm |

Ambient conditions

| | |
|--|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -40 °C ... 60 °C |
| Ambient temperature (storage/transport) | -40 °C ... 60 °C |
| Max. permissible relative humidity (operation) | ≤ 95 % |
| Maximum altitude | 2000 m |

Input data

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Technical data

Input data

| | |
|-----------------------|---------------------|
| Nominal input voltage | 24 V DC |
| Input voltage range | 18 V DC ... 30 V DC |
| Current consumption | 5 A |
| Buffer period | 6 min. (1 A) |
| | 33 s (10 A) |

Output data

| | |
|---|---------------------|
| Nominal output voltage | 24 V DC |
| Setting range of the output voltage (U_{Set}) | 22 V DC ... 27 V DC |
| Nominal output current (I_N) | 10 A |
| POWER BOOST (I_{Boost}) | 15 A |
| Connection in series | No |
| Power loss nominal load max. | 3.6 W |
| Output fuse | 1x 25 A (internal) |

General

| | |
|-------------------|---|
| IQ technology | Yes |
| Disposal | Used batteries must not be thrown away with household waste, they should instead be disposed of in accordance with applicable national regulations. They can also be returned to Phoenix Contact or the manufacturer. |
| Net weight | 1.7 kg |
| Memory medium | Dual layer capacitor |
| Protection class | III |
| | > 725000 h (40°C) |
| Mounting position | horizontal DIN rail NS 35, EN 60715 |

Standards and Regulations

| | |
|--|--|
| Shock | 30g in each direction, according to IEC 60068-2-27 |
| Connection in acc. with standard | CUL |
| 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) |
| Shipbuilding approval | GL applied for |
| UL approvals | UL Listed UL 508 |
| | UL/C-UL Recognized UL 60950 |
| Vibration (operation) | < 15 Hz, amplitude ± 2.5 mm, 15 - 150 Hz, 2.3g/2.3g according to IEC 60068-2-6 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27040603 |
| eCl@ss 4.1 | 27040603 |
| eCl@ss 5.0 | 27040603 |
| eCl@ss 5.1 | 27040603 |
| eCl@ss 6.0 | 27040603 |
| eCl@ss 7.0 | 27049201 |
| eCl@ss 8.0 | 27050102 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000382 |
| ETIM 3.0 | EC000382 |
| ETIM 4.0 | EC000357 |
| ETIM 5.0 | EC000357 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211510 |
| UNSPSC 7.0901 | 39121011 |
| UNSPSC 11 | 39121011 |
| UNSPSC 12.01 | 39121011 |
| UNSPSC 13.2 | 39121011 |

Approvals

Approvals

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UL Recognized / UL Listed / cUL Recognized / cUL Listed / EAC / cULus Recognized / cULus Listed

Ex Approvals

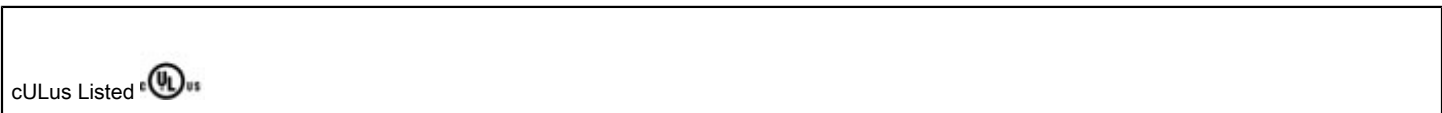
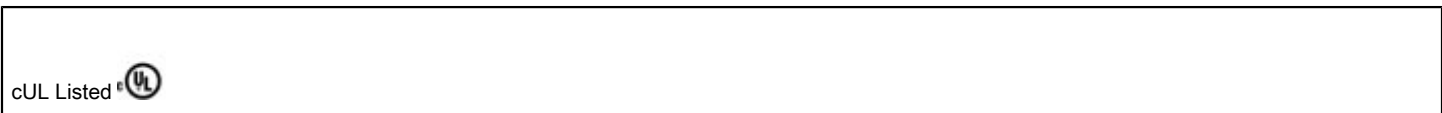
UL Listed / cUL Listed / cULus Listed

Approvals submitted

Approval details

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Approvals



Drawings

Block diagram

