

## Power storage devices - 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 GRM |
| 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 %           |

#### Input data

|                       |         |
|-----------------------|---------|
| Nominal input voltage | 24 V DC |
|-----------------------|---------|

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### Technical data

#### Input data

|                     |                     |
|---------------------|---------------------|
| 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 | 22 V DC ... 27 V DC |
| Output current                      | 10 A                |
|                                     | 15 A                |
| Connection in series                | No                  |
| 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   |
| MTBF (IEC 61709, SN 29500)   | > 725000 h  |
| Mounting position  | horizontal DIN rail NS 35, EN 60715   |
| Standard - Electrical safety   | EN 60950-1/VDE 0805 (SELV)  |
| Shipbuilding approval  | GL applied for  |
| 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   |

### 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 |

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## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 8.0 | 27049201 |
|------------|----------|

### 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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#### Approvals

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

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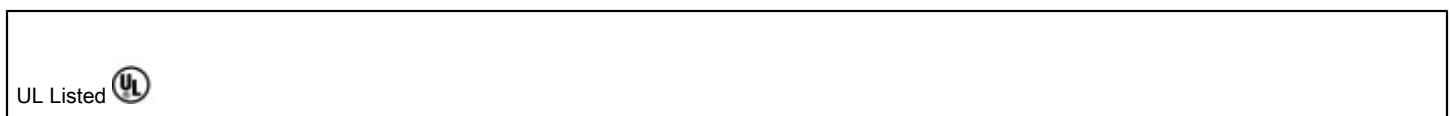
#### Ex Approvals

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#### Approvals submitted

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### Approval details




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## Approvals


cUL Recognized 


cUL Listed 

UL Recognized 

UL Listed 

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## Drawings

## Power storage devices - UPS-CAP/24DC/10A/10KJ - 2320377

Block diagram

