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 PRODUCT-DETAILS

## CP-B 24/20.0

CP-B 24/20.0 Buffer module 24 V / 20 A,  
energy storage 8000 Ws




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**General Information**

|                       |  |
|-----------------------|--|
| Extended Product Type | CP-B 24/20.0   |
| Product ID            | 1SVR427060R2000  |
| EAN                   | 4016779782579  |
| Catalog Description   | CP-B 24/20.0 Buffer module 24 V / 20 A, energy storage 8000 Ws |
| Long Description      | CP-B 24/20.0 Buffer module 24 V / 20 A, energy storage 8000 Ws |

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**Ordering**

|                        |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85044083 |

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**Popular Downloads**

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC114081D0201 |
| Instructions and Manuals          | 1SVC427062M0000 |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 84 mm  |
| Product Net Height         | 198 mm |
| Product Net Depth / Length | 216 mm |
| Product Net Weight         | 2.2 kg |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Width          | 320 mm        |
| Package Level 1 Depth / Length | 335 mm        |
| Package Level 1 Height         | 150 mm        |
| Package Level 1 Gross Weight   | 3 kg          |
| Package Level 1 EAN            | 4016779782579 |
| Package Level 1 Units          | box 1 piece   |

## Technical

|                                    |  |
|------------------------------------|--|
| Function                           | Buffer module  |
| Number of Phases                   | 1  |
| Input Voltage ( $U_{in}$ )         | 24 V DC  |
| Rated Frequency (f)                | DC   |
| Output Power                       | 480 W  |
| Output Voltage ( $U_{out}$ )       | 24 V DC  |
| Output Current                     | 20 A   |
| Degree of Protection               | Housing IP20<br>Terminals IP20   |
| Pollution Degree                   | 2  |
| Connecting Capacity Input Circuit  | Flexible with Ferrule 0.2 ... 4 mm <sup>2</sup><br>Flexible 0.2 ... 4.0 mm <sup>2</sup><br>Rigid 0.2 ... 6 mm <sup>2</sup> |
| Connecting Capacity Output Circuit | Flexible with Ferrule 0.2 ... 4 mm <sup>2</sup><br>Flexible 0.2 ... 4.0 mm <sup>2</sup><br>Rigid 0.2 ... 6 mm <sup>2</sup> |
| Wire Stripping Length              | Input Circuit 7 mm<br>Output Circuit 7 mm  |
| Minimum Mounting Distance          | Other Device Same Type, Vertical 80 mm   |
| Mounting Position                  | 1  |
| Mounting on DIN Rail               | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715<br>TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715             |
| Standards                          | CAN/CSA C22.2 No.107.1<br>IEC/EN 63000<br>EN 55011<br>IEC/EN 61000-6-2<br>IEC/EN 61000-6-4<br>IEC/EN 62040-2<br>UL 508     |

## Technical UL/CSA

|  |  |
|--|--|
| Connecting Capacity Input Circuit UL/CSA | Flexible with Ferrule 24-12 AWG<br>Flexible 24-12 AWG<br>Rigid 24-10 AWG |
|--|--|

Connecting Capacity  
Output Circuit UL/CSA

Flexible with Ferrule 24-12 AWG  
Flexible 24-12 AWG  
Rigid 24-10 AWG

## Environmental

|  |  |
|--|--|
| Ambient Air Temperature                | Operation -40 ... +60 °C<br>Storage -40 ... +60 °C |
| Maximum Operating Altitude Permissible | Without Derating 2000 m                            |

## Material Compliance

|   |  |
|---|--|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658  |
| REACH Declaration                           | 1SVD982001-4501  |
| RoHS Information                            | 1SVD982001-4401  |
| RoHS Status                                 | Following EU Directive 2011/65/EU                          |
| Toxic Substances Control Act - TSCA         | 2CMT2023-006536  |
| WEEE B2C / B2B                              | Business To Business                                       |
| WEEE Category                               | 5. Small Equipment (No External Dimension More Than 50 cm) |

## Certificates and Declarations

|                                  |                |
|----------------------------------|----------------|
| cUL Certificate                  | cUL508_E174460 |
| Declaration of Conformity - CE   | 1SVD982014-00  |
| Declaration of Conformity - UKCA | 1SVD982014-10  |
| UL Certificate                   | UL508_E174460  |

## External Classifications and Standards

|                            |                            |
|----------------------------|----------------------------|
| Object Classification Code | C                          |
| ETIM 7                     | EC002540 - DC-power supply |
| ETIM 8                     | EC002540 - DC-power supply |
| ETIM 9                     | EC002540 - DC-power supply |
| eClass                     | V11.0 : 27040701           |
| UNSPSC                     | 39121004                   |
| E-Number (Finland)         | 2712389                    |
| E-Number (Norway)          | 6609482                    |

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## Categories

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Low Voltage Products and Systems → Control Products → Power Supplies → CP-B

