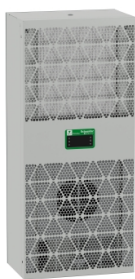


# Product data sheet

Specifications



## Side Connected Cooling Unit, Climasys CU, 1kW, 2 Poles, 400/460V, 50/60Hz, IP55

NSYCU1K2P4DG

**Product availability: Non-Stock - Not normally stocked in distribution facility**

### Main

|                           |                                                                          |
|---------------------------|--------------------------------------------------------------------------|
| Range                     | ClimaSys                                                                 |
| product name              | CU                                                                       |
| mounting type             | Side                                                                     |
| Product or Component Type | Cooling unit                                                             |
| Installation              | Indoor side                                                              |
| Product destination       | For enclosure                                                            |
| Mounting Mode             | By screws                                                                |
| Supply Voltage            | 380...415 V 2 phases 50 Hz EN/IEC<br>400/460 V +/- 6 % 2 phases 60 Hz UL |
| Rated Power               | 1000 W                                                                   |
| Cooling power             | 1000 W 50/60 Hz L35-L35<br>870 W 50/60 Hz L35-L50                        |

### Complementary

|                                       |                                                                                                                      |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Height                                | 30.7 in (780 mm)                                                                                                     |
| Width                                 | 13.6 in (345 mm)                                                                                                     |
| Depth                                 | 8.5 in (215 mm)                                                                                                      |
| Line Rated Current                    | 2 A                                                                                                                  |
| Inrush current                        | 4 A                                                                                                                  |
| Power consumption in W                | 480 W 50/60 Hz, L35-L35<br>530 W 50/60 Hz, L35-L50                                                                   |
| Energy efficiency ratio               | 2.1                                                                                                                  |
| Control Type                          | Electronic controller                                                                                                |
| Temperature setting range             | 68...122 °F (20...50 °C) 50/60 Hz                                                                                    |
| Ambient air temperature for operation | Inside the enclosure 68...122 °F (20...50 °C) 50/60 Hz<br>Outside the enclosure 41...131 °F (5...55 °C) 50/60 Hz     |
| Noise level                           | 70 dB                                                                                                                |
| Pressure                              | 435.1 psi (30 bar)                                                                                                   |
| Flow rate                             | Internal circuit 145297.2 Gal/hr(US) (550 m3/h) 50/60 Hz<br>External circuit 224550.3 Gal/hr(US) (850 m3/h) 50/60 Hz |
| Product Weight                        | 60.4 lb(US) (27.4 kg)                                                                                                |
| Cooling gas type                      | R134a 0.320 lb(US) (0.145 kg))                                                                                       |
| Type of filter                        | Optional external circuit filter                                                                                     |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                        |                   |
|----------------------------------------|-------------------|
| Recommended circuit breaker protection | M9F23216          |
| Thermal protection Recommended (fuse)  | 2 phases 15 A (T) |
| Material                               | Steel             |
| color                                  | Gray RAL 7035)    |

## Environment

|                         |                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Product Certifications  | UL<br>IEC<br>EN                                                                                                                              |
| Directives              | 2006/42/EC - machinery<br>2014/30/EU - electromagnetic compatibility<br>2011/65/EU - RoHS                                                    |
| Standards               | EN/ISO 12100<br>EN 60335-1<br>EN 60335-2-40<br>EN 61000-3-2<br>EN 61000-3-3<br>EN 61000-6-2<br>EN 61000-6-3<br>EN/IEC 63000:2018<br>EN 14511 |
| IP degree of protection | IP55 IEC 60529 on the internal circuit)<br>IP24 IEC 60529 on the external circuit)                                                           |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10ES180036  |
| Discount Schedule | 0ES1          |
| GTIN              | 3606486055052 |
| Returnability     | No            |
| Country of origin | MT            |

## Packing Units

|                              |                             |
|------------------------------|-----------------------------|
| Unit Type of Package 1       | PCE                         |
| Number of Units in Package 1 | 1                           |
| Package 1 Height             | 34.45 in (87.500 cm)        |
| Package 1 Width              | 10.04 in (25.500 cm)        |
| Package 1 Length             | 16.73 in (42.500 cm)        |
| Package 1 Weight             | 64.816 lb(US) (29.400 kg)   |
| Unit Type of Package 2       | P12                         |
| Number of Units in Package 2 | 7                           |
| Package 2 Height             | 40.12 in (101.900 cm)       |
| Package 2 Width              | 31.50 in (80.000 cm)        |
| Package 2 Length             | 47.24 in (120.000 cm)       |
| Package 2 Weight             | 508.827 lb(US) (230.800 kg) |

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

|  Environmental footprint |                                               |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Carbon footprint (kg CO2 eq, Total Life cycle)                                                            | 1556                                          |
| Environmental Disclosure                                                                                  | <a href="#">Product Environmental Profile</a> |

Use Better

|  Materials and Substances |           |
|------------------------------------------------------------------------------------------------------------|-----------|
| Packaging made with recycled cardboard                                                                     | Yes       |
| Packaging without single use plastic                                                                       | No        |
| <a href="#">EU RoHS Directive</a>                                                                          | Compliant |

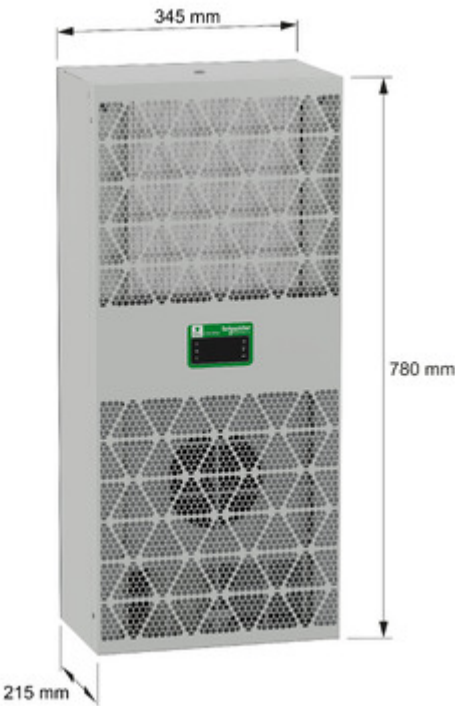
Use Again

|  Repack and remanufacture |                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circularity Profile                                                                                          | <a href="#">End of Life Information</a>                                                                                                                                                                          |
| Take-back                                                                                                    | No                                                                                                                                                                                                               |
| WEEE                                                                                                         |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Technical Illustration

Dimensions

---



Offer Marketing Illustration

Energy Label

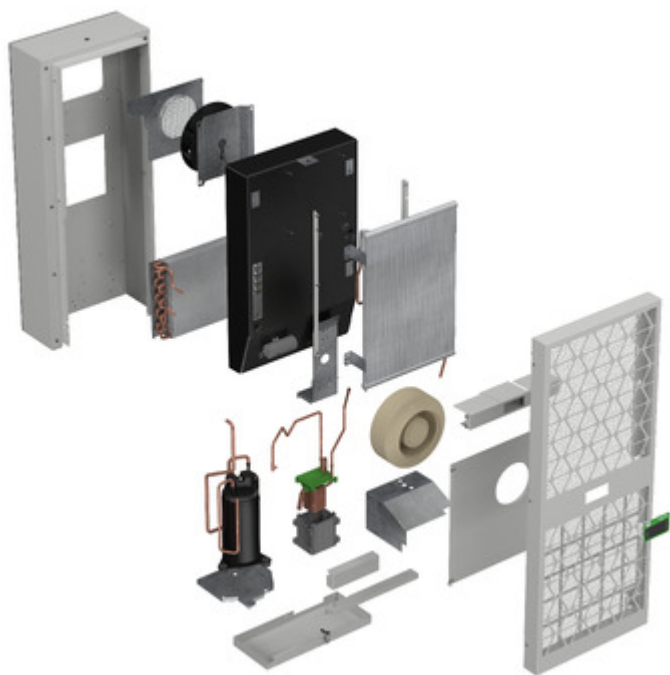
---



Technical Illustration

Exploded view

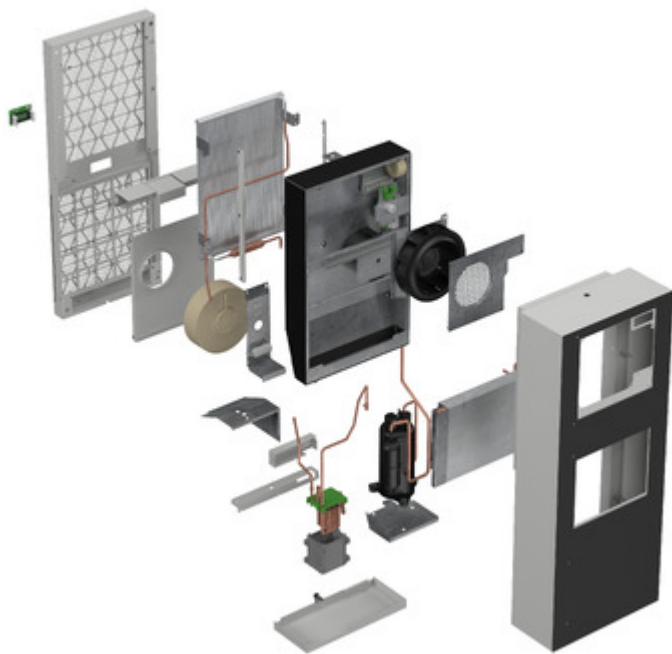
---



Technical Illustration

Exploded view

---



Technical Illustration

Exploded view

---

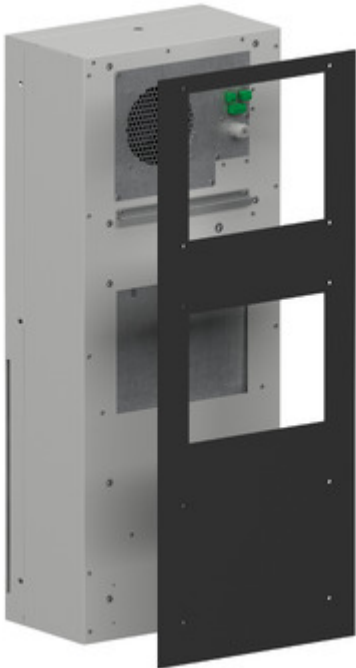


Image of product / Alternate images

Alternative

---



