

# Product datasheet

Specifications



## Side Connected Cooling Unit, Climasys CU, Stainless Steel, 2kW, 3 poles, 380/460V, 50/60Hz, IP55

NSYCUX2K3P4DG

EAN Code: 3606486055182

### 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 3 phases 50 Hz EN/IEC<br>400/460 V +/- 6 % 3 phases 60 Hz UL |
| Rated Power               | 1940 W                                                                   |
| Cooling power             | 1940 W 50/60 Hz L35-L35<br>1580 W 50/60 Hz L35-L50                       |

### Complementary

|                                        |                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------|
| Height                                 | 1000 mm                                                                                      |
| Width                                  | 405 mm                                                                                       |
| Depth                                  | 225 mm                                                                                       |
| [In] rated current                     | 1.8 A                                                                                        |
| Inrush current                         | 13 A                                                                                         |
| Power consumption in W                 | 980 W at 50/60 Hz, L35-L35<br>1130 W at 50/60 Hz, L35-L50                                    |
| Energy efficiency ratio                | 2                                                                                            |
| Control type                           | Electronic controller                                                                        |
| Temperature setting range              | 20...50 °C at 50/60 Hz                                                                       |
| Ambient air temperature for operation  | 20...50 °C at 50/60 Hz inside the enclosure:<br>5...55 °C at 50/60 Hz outside the enclosure: |
| Noise level                            | 76 dB                                                                                        |
| Pressure                               | 30 bar                                                                                       |
| Flow rate                              | Internal circuit: 890 m3/h at 50/60 Hz<br>External circuit: 1200 m3/h at 50/60 Hz            |
| Product weight                         | 40.4 kg                                                                                      |
| Cooling gas type                       | R513a (0.445 kg)                                                                             |
| Type of filter                         | Optional external circuit filter                                                             |
| Recommended circuit breaker protection | M9F23316                                                                                     |

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

|                                       |                   |
|---------------------------------------|-------------------|
| Thermal protection Recommended (fuse) | 3 phases 15 A (T) |
| Material                              | Stainless steel   |
| Colour                                | Stainless steel   |

## 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 conforming to IEC 60529 (on the internal circuit)<br>IP24 conforming to IEC 60529 (on the external circuit)                             |

## Packing Units

|                              |            |
|------------------------------|------------|
| Unit Type of Package 1       | PCE        |
| Number of Units in Package 1 | 1          |
| Package 1 Height             | 103.000 cm |
| Package 1 Width              | 27.500 cm  |
| Package 1 Length             | 43.500 cm  |
| Package 1 Weight             | 46.200 kg  |
| Unit Type of Package 2       | P12        |
| Number of Units in Package 2 | 6          |
| Package 2 Height             | 124.000 cm |
| Package 2 Width              | 80.000 cm  |
| Package 2 Length             | 120.000 cm |
| Package 2 Weight             | 293.000 kg |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## 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

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 3 380 kg CO2 eq.                              |
| Carbon footprint of the manufacturing phase [A1 to A3] | 174 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 4 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 7 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 3 105 kg CO2 eq.                              |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 89 kg CO2 eq.                                 |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                             |
|----------------------------------------|-----------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                         |
| Packaging without single use plastic   | Yes                                                                         |
| EU RoHS Directive                      | <a href="#">Compliant</a>                                                   |
| REACH Regulation                       | <a href="#">Free of Substances of Very High Concern above the threshold</a> |

## Use Again



### Repack and remanufacture

|                                 |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in %   | 89                                                                                                                                                                                                              |
| End of life manual availability | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| Take-back                       | No                                                                                                                                                                                                              |
| WEEE Label                      |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Image of product / Alternate images

Alternative

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