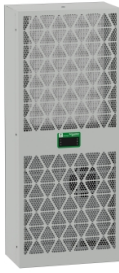


Product datasheet

Specifications



Side Connected Cooling Unit, Climasys CU, 1k6W, 2 Poles, 400/460V, 50/60Hz, IP55

NSYCU1K62P4DG

EAN Code: 3606486055137

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 400/460 V +/- 6 % 2 phases 60 Hz UL
Rated Power	1620 W
Cooling power	1620 W 50/60 Hz L35-L35 1340 W 50/60 Hz L35-L50

Complementary

Height	1000 mm
Width	405 mm
Depth	225 mm
[In] rated current	1.8 A
Inrush current	8.0 A
Power consumption in W	670 W at 50/60 Hz, L35-L35 770 W at 50/60 Hz, L35-L50
Energy efficiency ratio	2.4
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: 5...55 °C at 50/60 Hz outside the enclosure:
Noise level	76 dB
Pressure	30 bar
Flow rate	Internal circuit: 1000 m3/h at 50/60 Hz External circuit: 1000 m3/h at 50/60 Hz
Net weight	44.5 kg
Cooling gas type	R513a (0.333 kg)
Type of filter	Optional external circuit filter
Recommended circuit breaker protection	M9F23216

Thermal protection Recommended (fuse)	2 phases 15 A (T)
Material	Steel
Colour	Grey (RAL 7035)

Environment

Product certifications	UL IEC EN
Directives	2006/42/EC - machinery 2014/30/EU - electromagnetic compatibility 2011/65/EU - RoHS
Standards	EN/ISO 12100 EN 60335-1 EN 60335-2-40 EN 61000-3-2 EN 61000-3-3 EN 61000-6-2 EN 61000-6-3 EN/IEC 63000:2018 EN 14511
IP degree of protection	IP55 conforming to IEC 60529 (on the internal circuit) 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	25.500 cm
Package 1 Width	47.500 cm
Package 1 Length	108.000 cm
Package 1 Weight	48.300 kg
Unit Type of Package 2	P12
Number of Units in Package 2	6
Package 2 Height	122.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	314.800 kg

Logistical informations

Country of origin	MT
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Contractual warranty

Warranty (in months)	18
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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	446 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	182 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	7 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	159 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	93 kg CO2 eq.

Use Better



Materials and Substances

F-gas free	Product containing F-gas
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold

Use Longer




Lifetime extension

Repair	No
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Use Again

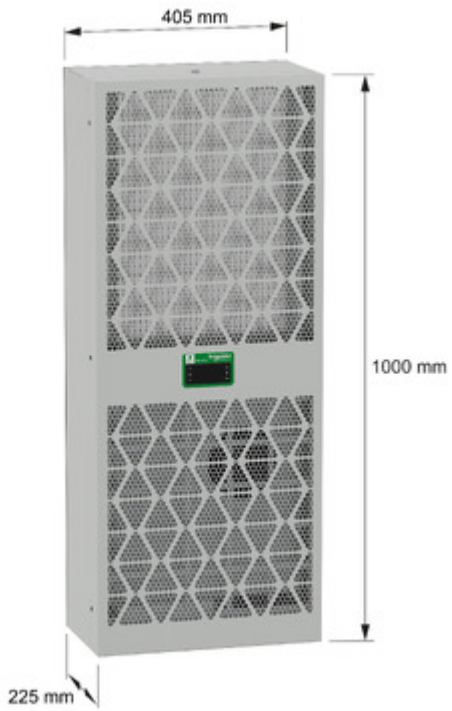


Repack and remanufacture

Recyclability potential, in %	89
End of life manual availability	End of Life Information
Take-back	Nej
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

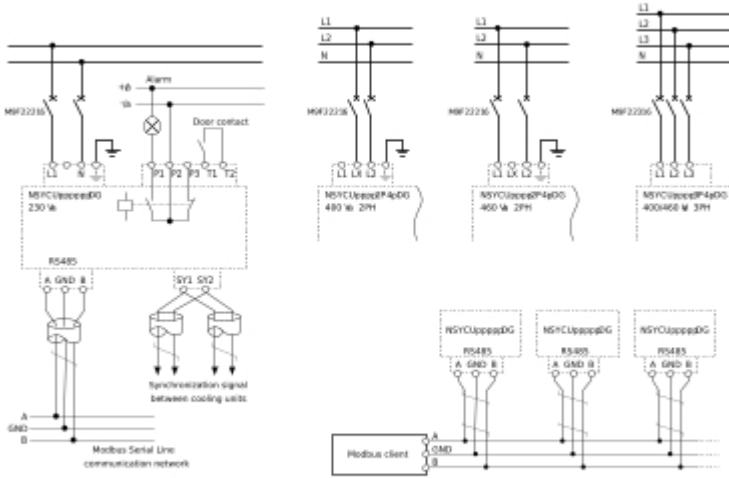
Technical Illustration

Dimensions



Technical Illustration

Wiring diagram



Offer Marketing Illustration

Product benefits / Features

The illustration features a central image of three Schneider Electric cooling units: a tall rack-mounted unit, a medium-sized rack-mounted unit, and a smaller floor-standing unit. Surrounding this central image are six circular icons, each with a corresponding text description of a product benefit or feature.

- Connected with alarming and setting data**: Represented by a circular icon with a signal wave.
- Easy selection with 40 references IEC & UL**: Represented by a circular icon with four checkboxes.
- 3 redundant modes for critical application**: Represented by a circular icon with a tree diagram.
- Recycled packaging, good energy efficiency ratio**: Represented by a circular icon with a recycling symbol.
- 30% Smaller and lighter Cooling Units**: Represented by a circular icon with a square and a smaller square.
- Easy mounting with 3 positions, easy spare parts replacement**: Represented by a circular icon with a clock and a checkmark.

Offer Marketing Illustration

Energy Label



Technical Illustration

Exploded view

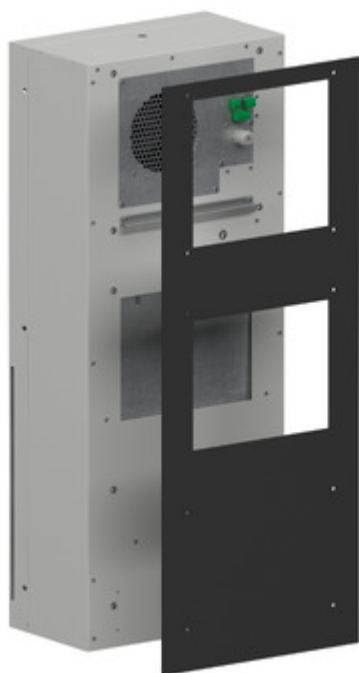


Image of product / Alternate images

Alternative

