

Product datasheet

Specifications



ClimaSys standard cooling unit roof of enclosure - 2050W at 400 V

Local distributor code:

402654423

NSYCU2K3P4R

⚠ Discontinued on: 23 Nov 2023

⚠ End-of-service on: 23 Feb 2024

⚠ Discontinued

EAN Code: 3606480620942

Main

Range	ClimaSys
Product name	CU
Product or component type	Cooling unit
mounting type	Roof of enclosure
Installation	Indoor roof
Product destination	For enclosure
Mounting mode	By screws
Supply Voltage	400 V AC 3 phases 50/60 Hz
Rated Power	2050 W
Cooling power	2050 W 50/60 Hz L35-L35 1560 W 50/60 Hz L35-L50

Complementary

Height	415 mm
Width	567 mm
Depth	401 mm
[In] rated current	1.9 A
Inrush current	10 A
Power consumption in W	990 W at 50/60 Hz, L35-L35 1190 W at 50/60 Hz, L35-L50
Energy efficiency ratio	2.1
Control type	Electronic controller
Temperature setting range	20...55 °C
Ambient air temperature for operation	20...46 °C inside the enclosure: 20...50 °C outside the enclosure: 55 °C maximum:
Noise level	65 dB conforming to EN/ISO 3746
Pressure	25 bar
Flow rate	External circuit: 1820 m3/h at 50/60 Hz Internal circuit: 1050 m3/h at 50/60 Hz
Net weight	52 kg
Cooling gas type	R134a (0.55 kg)
Type of filter	Optional external circuit filter

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)	Thermal protection 6 A (T) Short-circuit protection (magnetic)
Material	Steel
Colour	Grey (RAL 7035)

Environment

Product certifications	CE
Directives	2006/95/EC - low voltage directive 2006/42/EC - machinery 2004/108/EC - electromagnetic compatibility
Standards	EN 60204-1 EN/ISO 12100 EN 60335-1 EN 378 EN 60335-2-40
IP degree of protection	IP34 conforming to IEC 60529 (on the external circuit) IP54 conforming to IEC 60529 (on the internal circuit)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	50.000 cm
Package 1 Width	46.500 cm
Package 1 Length	63.000 cm
Package 1 Weight	53.000 kg
Unit Type of Package 2	P12
Number of Units in Package 2	2
Package 2 Height	66.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	120.000 kg

Logistical informations

Country of origin	IT
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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

Environmental Disclosure

[Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard

No

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

Use Again



Repack and remanufacture

End of life manual availability

[End of Life Information](#)

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