

Product datasheet

Specifications



Side Connected Cooling Unit, Climasys CU, 4000W, 3 poles, 380/460V, 50/60Hz, IP55

NSYCU4K3P4DG

EAN Code: 3606486055298

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 400/460 V +/- 6 % 3 phases 60 Hz UL
Rated Power	3910 W
Cooling power	3910 W 50/60 Hz L35-L35 3120 W 50/60 Hz L35-L50

Complementary

Height	1300 mm
Width	490 mm
Depth	250 mm
[In] rated current	3.6 A
Inrush current	15 A
Power consumption in W	1810 W at 50/60 Hz, L35-L35 2220 W at 50/60 Hz, L35-L50
Energy efficiency ratio	2.2
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: 5...55 °C at 50/60 Hz outside the enclosure:
Noise level	77 dB
Pressure	32 bar
Flow rate	Internal circuit: 1200 m3/h at 50/60 Hz External circuit: 1400 m3/h at 50/60 Hz
Product weight	62.2 kg
Cooling gas type	R513a (0.679 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	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	60.000 cm
Package 1 Width	80.000 cm
Package 1 Length	152.000 cm
Package 1 Weight	67.200 kg
Unit Type of Package 2	P12
Number of Units in Package 2	2
Package 2 Height	164.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	172.000 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	620 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	254 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	6 kg CO2 eq.
Carbon footprint of the installation phase [A5]	10 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	221 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	130 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

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
PVC free	Yes
Silicone-free	Yes

Use Again



Repack and remanufacture

Recyclability potential, in %	89
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

Image of product / Alternate images

Alternative











