

Product datasheet

Specifications



Side Connected Cooling Unit, Climasys CU, 1k2W, 2 Poles, 400/460V, 50/60Hz, IP55

NSYCU1K22P4DG

EAN Code: 3606486055090

Main

Range	ClimaSys
Product Name	CU
Product Or Component Type	Cooling unit
Mounting Type	Side
Installation	Indoor side
Product Destination	For enclosure
Mounting Mode	By screws
Supply Voltage	400...460 V AC at 50/60 Hz, 2 phases
Rated Power	1200 W
Cooling Power	1200 W 50/60 Hz L35-L35 1050 W 50/60 Hz L35-L50

Complementary

Height	1000 mm
Width	405 mm
Standards	EN/IEC 220...240 V AC 50 Hz UL 400/460 V AC 60 Hz
Depth	225 mm
[In] Rated Current	2.8 A
Inrush Current	8 A
Power Consumption In W	700 W at 50/60 Hz, L35-L35 790 W at 50/60 Hz, L35-L50
Energy Efficiency Ratio	1.8
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	72 dB
Pressure	30 bar
Flow Rate	Internal circuit: 850 m3/h at 50/60 Hz External circuit: 1200 m3/h at 50/60 Hz
Net Weight	44.5 kg
Cooling Gas Type	R134a (0.255 kg)
Type Of Filter	Optional external circuit filter

Protection Type	Circuit breaker protection: miniature circuit breaker (MCB)
Protection Type	Thermal protection T 15 A Short-circuit protection (magnetic)
Material	Steel
Colour	Grey (RAL 7035)

Environment

Product Certifications	UL IEC
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	103 cm
Package 1 Width	43.5 cm
Package 1 Length	27.5 cm
Package 1 Weight	48.3 kg
Unit Type Of Package 2	PAL
Number Of Units In Package 2	6
Package 2 Height	117.4 cm
Package 2 Width	120 cm
Package 2 Length	80 cm
Package 2 Weight	314.8 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.


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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

 Reach Free Of Svhc

 Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)
Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)