

# Product data sheet

## Characteristics

# NSYCUHD4K3P4

ClimaSys outdoor cooling unit side of enclosure  
- 3850W at 400 V



### Main

Range	ClimaSys
Product name	CU
Product or component type	Cooling unit
Mounting type	Side
Installation	Outdoor side
Product destination	For enclosure
Mounting mode	By screws
Supply Voltage	400 V AC at 50/60 Hz, 3 phases
Rated Power	3850 W
Cooling power	3850 W 50/60 Hz L35-L35 2870 W 50/60 Hz L35-L50

### Complementary

Height	1270 mm
Width	500 mm
Depth	336 mm
[In] rated current	3.6 A
Inrush current	18 A
Power consumption in W	1780 W at 50/60 Hz, L35-L35 2050 W at 50/60 Hz, L35-L50
Energy efficiency ratio	2.2
Control type	Mechanical
Temperature setting range	20...50 °C
Ambient air temperature for operation	20...46 °C inside the enclosure: 55 °C maximum: -20...50 °C outside the enclosure:
Noise level	70 dB conforming to EN/ISO 3746
Pressure	25 bar
Flow rate	Internal circuit: 1450 m3/h at 50/60 Hz External circuit: 1450 m3/h at 50/60 Hz
Net weight	85 kg
Cooling gas type	R134a (1.14 kg)
Type of filter	Optional external circuit filter
Protection type	Thermal protection: T 6 A Short-circuit protection (magnetic):
Material	Steel
Colour	Grey (RAL 7035)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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 378 EN 60335-1 EN 60335-2-40
IP degree of protection	IP55 conforming to IEC 60529 (on the internal circuit) IP34 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	33.6 cm
Package 1 Width	50.0 cm
Package 1 Length	127.0 cm
Package 1 Weight	85.0 kg
Unit Type of Package 2	P12
Number of Units in Package 2	2
Package 2 Height	172.0 cm
Package 2 Width	80.0 cm
Package 2 Length	120.0 cm
Package 2 Weight	218.5 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins