Product data sheet

Specifications

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

NSYCU4K3P4

Main

Range	ClimaSys
Product name	CU
Product or component type	Cooling unit
Mounting type	Side
Type of installation	Indoor
Product destination	For enclosure
Mounting mode	By screws
Input voltage	400 V 50/60 Hz
Network number of phases	3 phases
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	Electronic controller
Temperature setting range	20…50 °C
Ambient air temperature for operation	50 °C maximum: 20…46 °C inside the enclosure: 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
Product weight	85 kg
Cooling gas type	R134a (1.14 kg)

Type of filter	Optional external circuit filter
Protection type	Thermal protection: T 8 A Short-circuit protection (magnetic):
Material	Steel
Colour	Grey (RAL 7035)

Environment

Product certifications	CE
Directives	2004/108/EC - electromagnetic compatibility 2006/42/EC - machinery 2006/95/EC - low voltage directive
Standards	EN 60335-2-40 EN 378 EN 60204-1 EN/ISO 12100 EN 60335-1
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	160.0 cm
Package 2 Width	80.0 cm
Package 2 Length	120.0 cm
Package 2 Weight	225.0 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Recommended replacement(s)