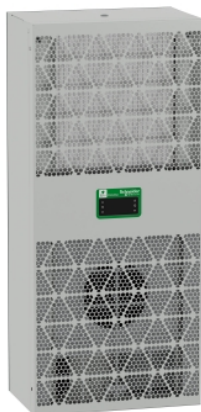


NSYCU1K2P4DG

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



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	1000 W
Cooling power	1000 W 50/60 Hz L35-L35 870 W 50/60 Hz L35-L50

Complementary

Height	780 mm
Width	345 mm
Depth	215 mm
[In] rated current	4.0 A
Inrush current	2 A
Power consumption in W	480 W at 50/60 Hz, L35-L35 530 W at 50/60 Hz, L35-L50
Energy efficiency ratio	2.1
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	70 dB
Pressure	28 bar
Flow rate	Internal circuit: 550 m3/h at 50/60 Hz External circuit: 850 m3/h at 50/60 Hz
Net weight	27.4 kg
Cooling gas type	R134a (0.145 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	87.5 cm
Package 1 Width	42.5 cm
Package 1 Length	25.5 cm
Package 1 Weight	29.4 kg
Unit Type of Package 2	PAL
Number of Units in Package 2	7
Package 2 Height	101.9 cm
Package 2 Width	120 cm
Package 2 Length	80 cm
Package 2 Weight	230.8 kg

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins