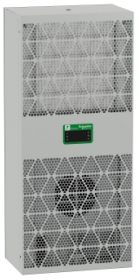
Product data sheet

Specifications



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

NSYCU1K2P4DG

Product availability: Non-Stock - Not normally stocked in distribution facility

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 2 phases 50 Hz EN/IEC 400/460 V +/- 6 % 2 phases 60 Hz UL
Rated Power	960 W
Cooling power	960 W 50/60 Hz L35-L35 710 W 50/60 Hz L35-L50

Complementary

Height	30.7 in (780 mm)
Width	13.6 in (345 mm)
Depth	8.5 in (215 mm)
Line Rated Current	1.4 A
Inrush current	4 A
Power consumption in W	480 W 50/60 Hz, L35-L35 530 W 50/60 Hz, L35-L50
Energy efficiency ratio	2.1
Control Type	Electronic controller
Temperature setting range	68…122 °F (20…50 °C) 50/60 Hz
Ambient air temperature for operation	Inside the enclosure 68…122 °F (20…50 °C) 50/60 Hz Outside the enclosure 41…131 °F (5…55 °C) 50/60 Hz
Noise level	76 dB
Pressure	435.1 psi (30 bar)
Flow rate	Internal circuit 87178.3 Gal/hr(US) (330 m3/h) 50/60 Hz External circuit 118879.6 Gal/hr(US) (450 m3/h) 50/60 Hz
Product Weight	60.4 lb(US) (27.4 kg)
Cooling gas type	R513a 0.441 lb(US) (0.200 kg))
Type of filter	Optional external circuit filter
Recommended circuit breaker protection	M9F23216

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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)	2 phases 15 A (T)
Material	Steel
color	Gray 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 IEC 60529 on the internal circuit) IP24 IEC 60529 on the external circuit)

Ordering and shipping details

Category	US10ES180036
Discount Schedule	0ES1
GTIN	3606486055052
Returnability	No
Country of origin	MT

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	34.449 in (87.500 cm)
Package 1 Width	10.039 in (25.500 cm)
Package 1 Length	16.732 in (42.500 cm)
Package weight(Lbs)	64.816 lb(US) (29.400 kg)
Unit Type of Package 2	P12
Number of Units in Package 2	7
Package 2 Height	40.118 in (101.900 cm)
Package 2 Width	31.496 in (80.000 cm)
Package 2 Length	47.244 in (120.000 cm)
Package 2 Weight	508.827 lb(US) (230.800 kg)

Contractual warranty

Warranty (in months)	18

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	**271 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**111 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**3 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**4 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**97 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**57 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

F-gas usage performance	**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**
Silicon free	**Yes**

Use Longer

Lifetime extension

Repair	**No**

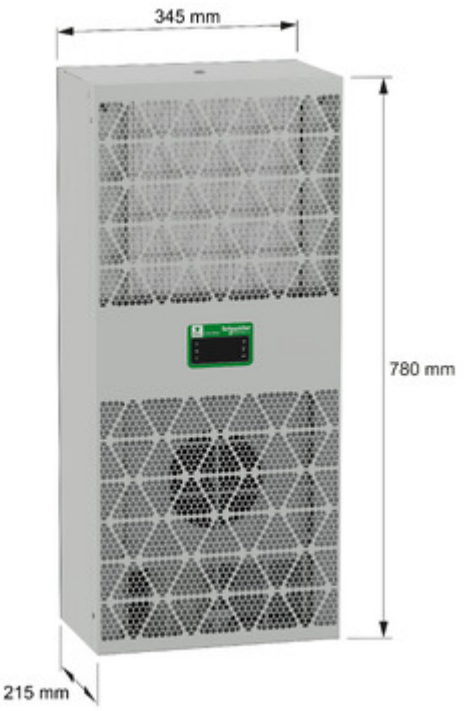
Use Again

Repack and remanufacture

Recyclability potential, in %	**89**
Circularity Profile	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.**

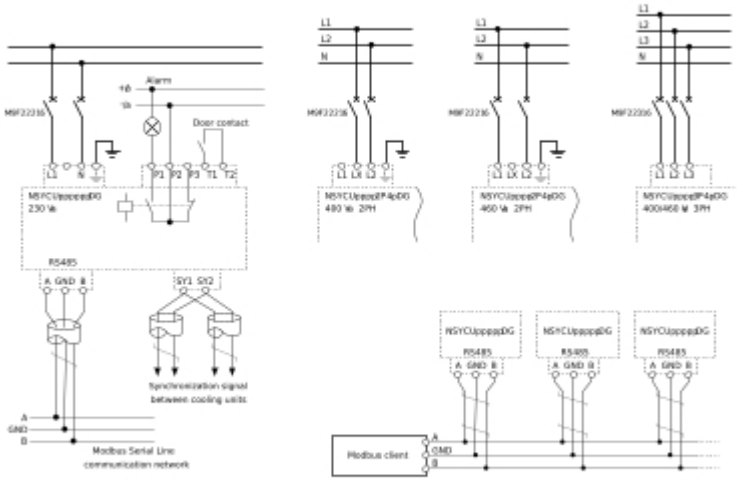
Technical Illustration

Dimensions



Technical Illustration

Wiring diagram



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Energy Label



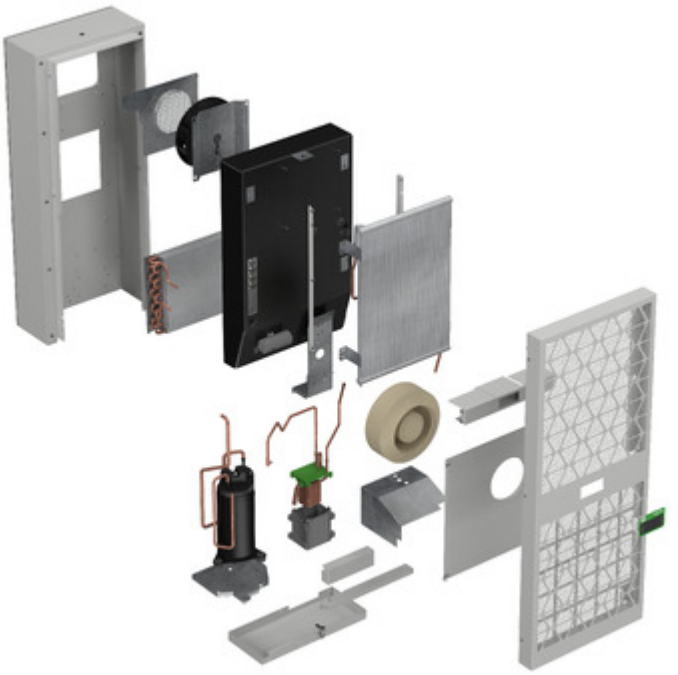
Technical Illustration

Exploded view



Technical Illustration

Exploded view



Technical Illustration

Exploded view

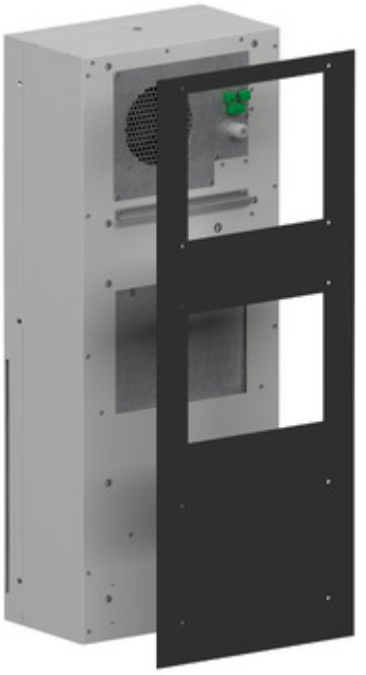


Image of product / Alternate images

Alternative





