

Data Sheet for Article: IUKTS6501-

Cooling unit 2500W, outer mounting on the side, Series DTS

400V, IP55, RAL 7035



SCHRACK-Info

General:

- Cooling unit for outer mounting on the door or side (=DTS)
- Technical design with a standard controller
- Color: RAL 7035 (Light grey)

Green Series Cooling Unit:

- Highest energy efficiency for significant energy savings and operating cost reduction
- Significantly less refrigerant used
- UL listed according to UL 60335 for long-term planning even after 2024
- Large distance between intake and exhaust vents, safe circulation within the electrical enclosure due to long passage of air, therefore hot spots are eliminated
- Exceptional serviceability

IUKTS6501:

- Cooling performance: 2500W
- Rated voltage: 400V
- Type of connection: Spring-type terminal included with plug
- Degree of protection IP55: Towards the enclosure

- Degree of protection IP24: Towards the surroundings



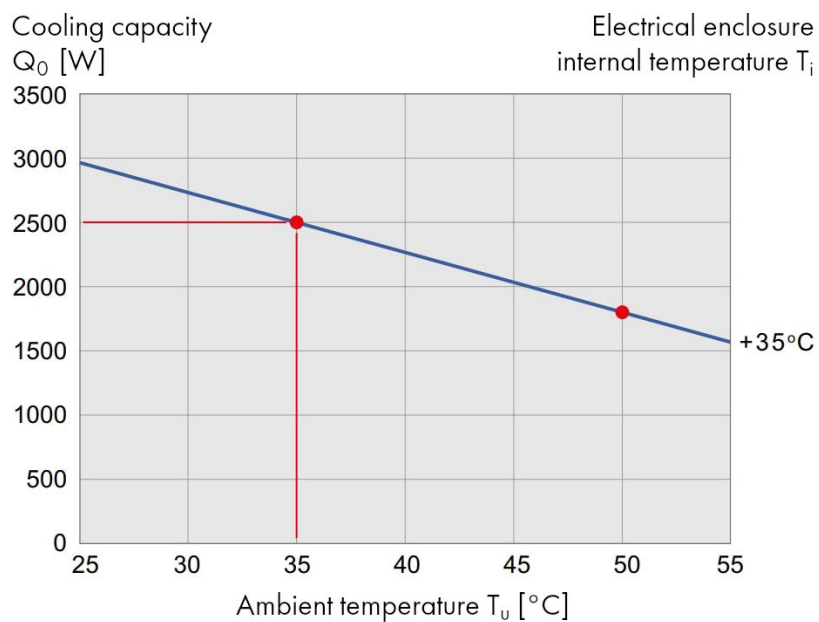
Technical Data

Net width (mm)	485,00
Net height (mm)	1.540,00
Netto depth (mm)	278,00
Net weight (kg)	72,00
Min. ambient temperature (°C)	10
Max. ambient temperature (°C)	55
IP Rating	IP55
Protection class	I
Rated voltage	400V-AC
Product category	Cooling Unit
Cooling Performance (W)	2500

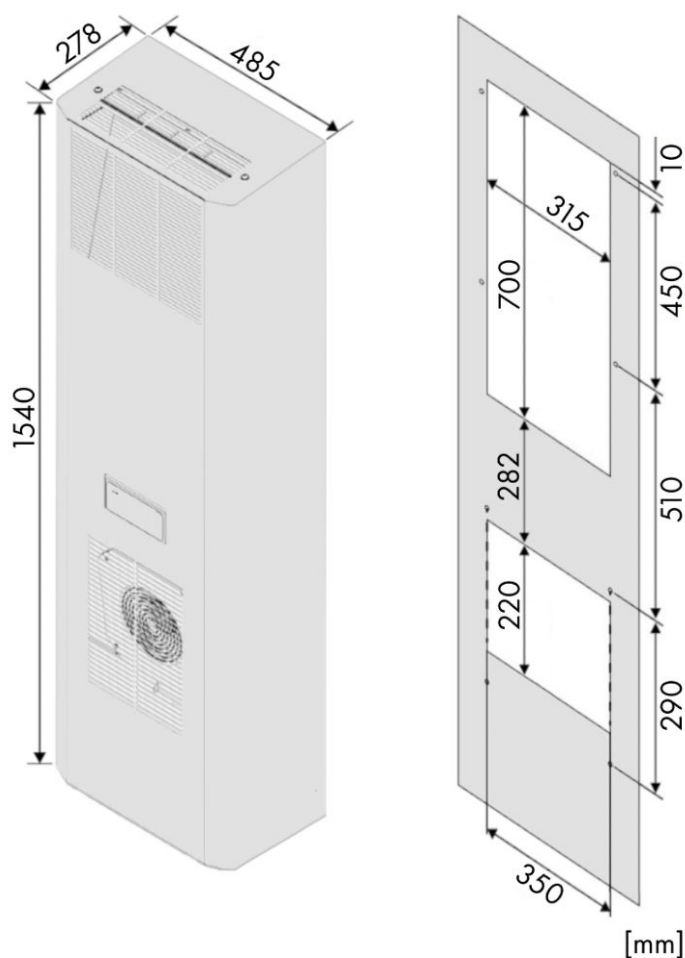
Technical Data for Cooling Unit 2500W, DTS Series, IUKTS6501

Data		Unit	IUKTI6501
Rated voltage +10%		Hz V	AC 50 / 60 400 / 460 3~
Cooling capacity according to EN 14511	A35/A35:	W	2500
	A35/A50:		1800
Power consumption	A35/A35:	W	926 / 1140
Current consumption	A35/A35:	A	12
Energy efficiency ratio	ϵ_{ke}		2.70
Unimpeded airflow (free flow)	internal	m³/h	1175
	external	m³/h	945
Fuse protection T		A	4
Type of connection			Spring-type terminal included with plug
Ambient temperature		°C (°F)	From +10 to +55 (from +50 to +131)
Control range (adjustable)		°C (°F)	From +25 to +45 (from +77 to +113)
Refrigerant	R134a	g	700
Condensate management			Integrated condensate evaporation system with safety overflow
Degree of protection according to EN 60529	IP55		Towards the enclosure if used as intended by the manufacturer
	IP24		Towards the surroundings if used as intended by the manufacturer
Design	Housing		Galvanised sheet steel
	Cover		Electrostatically powder coated (200 °C)
Dimensions		[mm]	H=1540, W=485, D=278
Net weight		[kg]	72

Cooling Capacity Performance Curves



Dimensions and Cutout IUKTS6501



DESCRIPTION	Order No.
Cooling unit 2500W, outer mounting on the side, Series DTS 400V, IP55, RAL 7035	IUKTS6501