

Data Sheet for Article: IUKTI9031-

Cooling unit 510W, partially recessed mounting, Series DTI

230V, Installation depth=67mm, IP54, RAL 7035



SCHRACK-Info

General:

- Cooling unit for partially recessed mounting (=DTI)
- Simple and fast mounting with brackets for door or side mounting
- Small mounting area, suitable for small electrical enclosures and larger electrical enclosures for the cooling of hot spots
- Compact design, perfect for flat enclosures, control consoles and operating units
- Technical design with a standard controller
- Color: RAL 7035 (Light grey)

IUKTI9031:

- Cooling performance: 510W
- Rated voltage: 230V
- Can be used from door widths of 400mm
- Large distance between intake and exhaust vents, safe circulation within the electrical enclosure due to long passage of air, therefore hot spots are eliminated
- Integrated fault and door contact
- Fast mounting without drilling and adhering
- Type of connection: Spring-type terminal included with plug
- Installation depth: 67mm
- Degree of protection IP54: Towards the enclosure

- Degree of protection IP34: Towards the surroundings



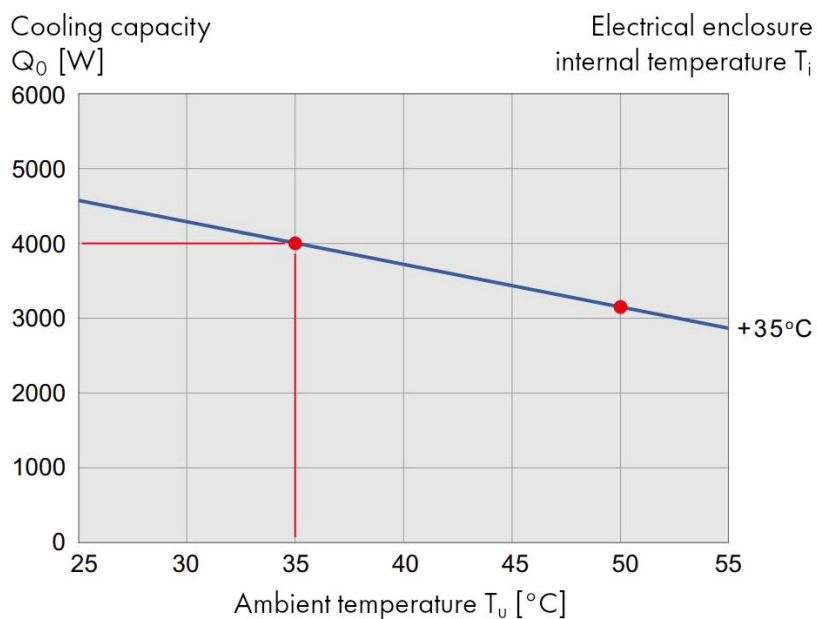
Technical Data

Net width (mm)	310,00
Net height (mm)	562,00
Netto depth (mm)	212,00
Net weight (kg)	21,00
Min. ambient temperature (°C)	15
Max. ambient temperature (°C)	55
IP Rating	IP54
Protection class	I
Rated voltage	230V-AC
Product category	Cooling Unit
Cooling Performance (W)	510

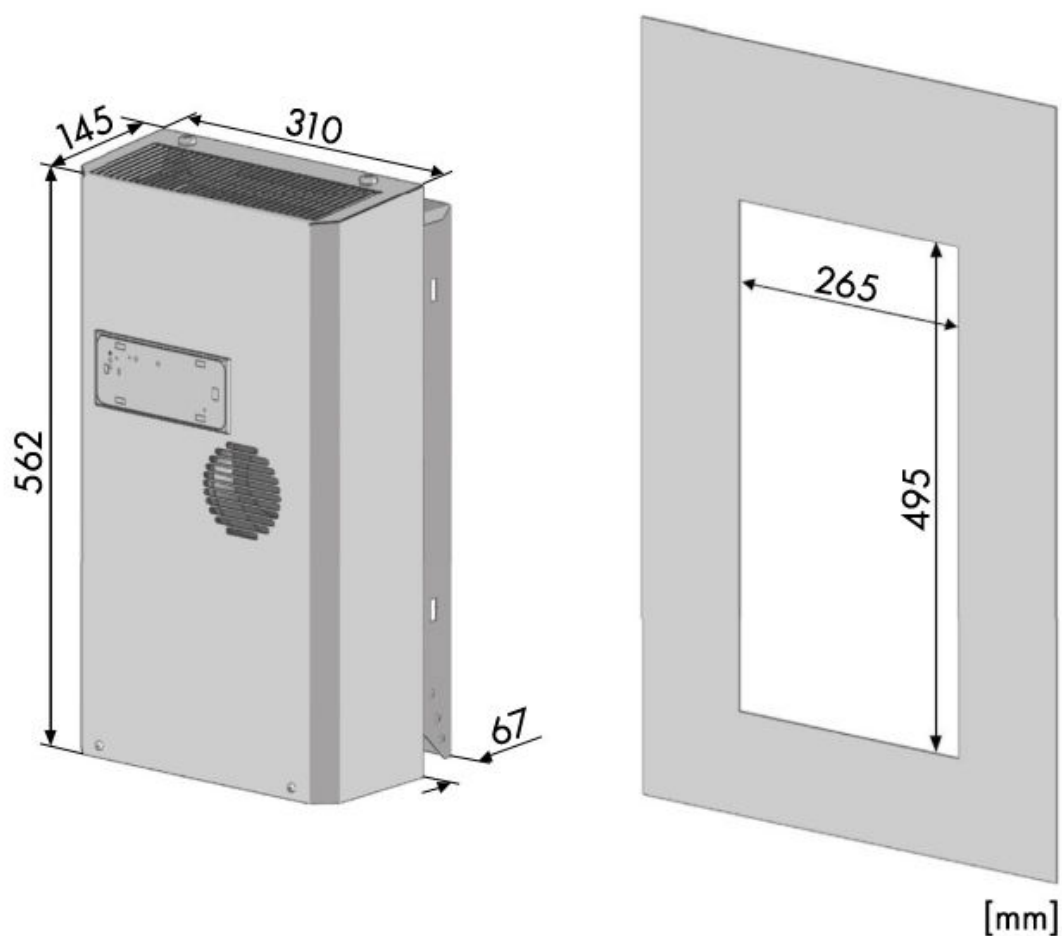
Technical Data for Cooling Unit 510W, DTI Series, IUkti9031

Data		Unit	IUkti9031
Rated voltage +10%		Hz V	AC 50 / 60 230
Cooling capacity according to EN 14511	A35/A35: A35/A50:	W	510 / 580 365 / 395
Power consumption	A35/A35:	W	283 / 337
Current consumption	A35/A35:	A	1.58 / 1.64
Starting current	A35/A35:		14.31 / 13.80
Unimpeded airflow (free flow)	internal	m³/h	280
	external	m³/h	345
Fuse protection T		A	4
Type of connection			Spring-type terminal included with plug
Noise level according to EN ISO 3741		dB (A)	63
Ambient temperature		°C (°F)	From +15 to +55 (from +59 to +131)
Control range (adjustable)		°C (°F)	From +25 to +45 (from +77 to +113); Factory setting +35 (+95)
Refrigerant	R134a	g	250
Condensate management			Condensate drain
Degree of protection according to EN 60529	IP54		Towards the enclosure if used as intended by the manufacturer
	IP34		Towards the surroundings if used as intended by the manufacturer
Design	Housing		Galvanised sheet steel
	Cover		Galvanised / electrostatically powder coated (200 °C)
Dimensions		[mm]	H=562, W=310, D=212
Net weight		[kg]	21

Cooling Capacity Performance Curves



Dimensions and Cutout IUKTI9031



DESCRIPTION	Order No.
Cooling unit 510W, partially recessed mounting, Series DTI 230V, Installation depth=67mm, IP54, RAL 7035	IUKTI9031