

Data Sheet for Article: IUKTI9041 -

# Cooling unit 870W, partially recessed mounting, Series DTI

230V, Installation depth=60mm, 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)

### IUKTI9041:

- Cooling performance: 870W
- 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: 60mm
- Degree of protection IP54: Towards the enclosure

- Degree of protection IP34: Towards the surroundings



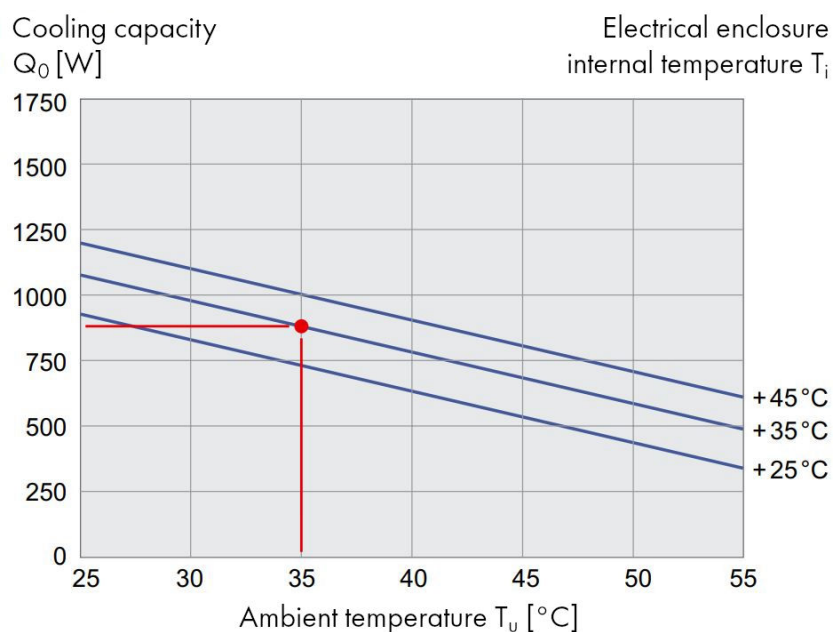
## Technical Data

|                               |              |
|-------------------------------|--------------|
| Net width (mm)                | 380,00       |
| Net height (mm)               | 599,00       |
| Netto depth (mm)              | 231,00       |
| Net weight (kg)               | 29,50        |
| 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)       | 870          |

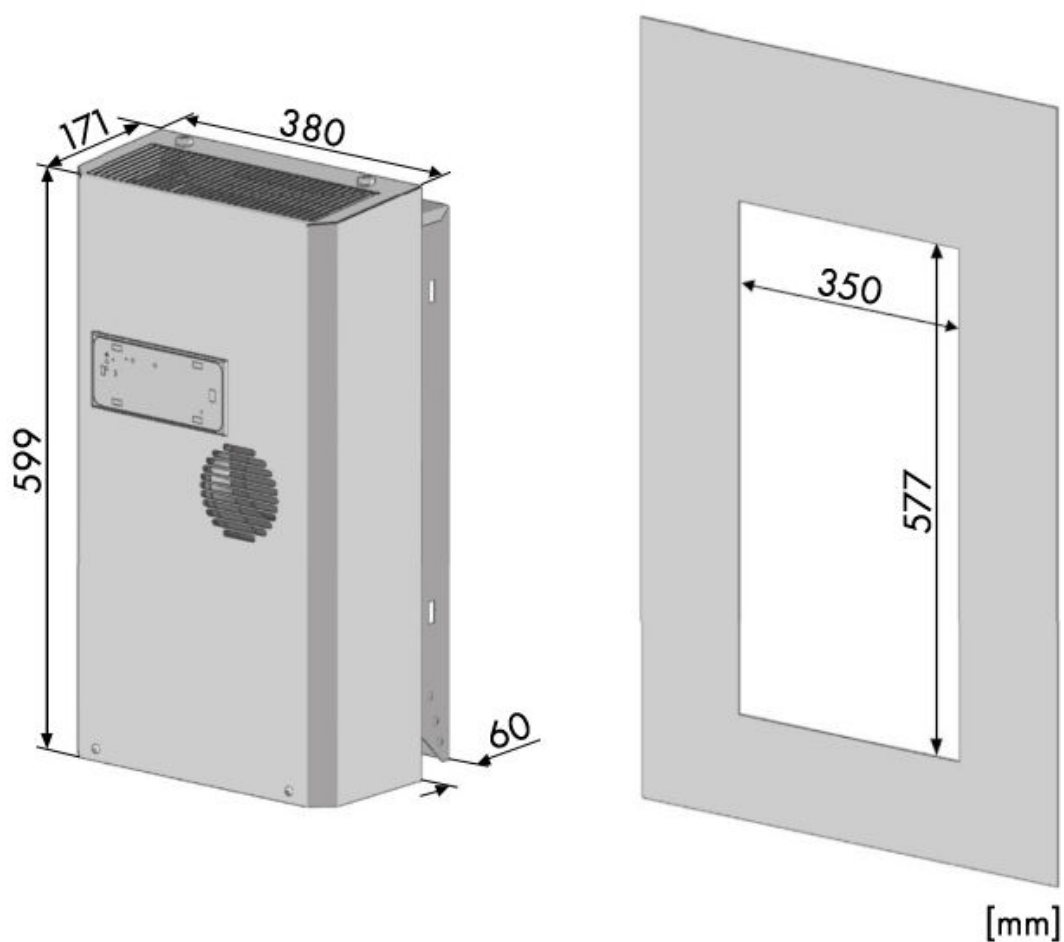
## Technical Data for Cooling Unit 870W, DTI Series, IUKTI9041

| Data                                       |          | Unit    | IUKTI9041                                                           |
|--------------------------------------------|----------|---------|---------------------------------------------------------------------|
| Rated voltage +10%                         |          | Hz      | AC 50 / 60                                                          |
|                                            |          | V       | 230                                                                 |
| Cooling capacity according to EN 14511     | A35/A35: | W       | 870                                                                 |
|                                            | A35/A50: |         | 580                                                                 |
| Power consumption                          | A35/A35: | W       | 524 / 634                                                           |
| Current consumption                        | A35/A35: | A       | 3.06 / 3.34                                                         |
| Starting current                           | A35/A35: |         | 22.16 / 24.15                                                       |
| Unimpeded airflow (free flow)              | internal | m³/h    | 300                                                                 |
|                                            | external | m³/h    | 300                                                                 |
| Fuse protection T                          |          | A       | 10                                                                  |
| 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       | 400                                                                 |
| Condensate management                      |          |         | Condensate drain; Integrated condensate evaporation system optional |
| 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=599, W=380, D=231                                                 |
| Net weight                                 |          | [kg]    | 29.5                                                                |

## Cooling Capacity Performance Curves



## Dimensions and Cutout IUKTI9041





| DESCRIPTION                                                                                                 | Order No. |
|-------------------------------------------------------------------------------------------------------------|-----------|
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