

EPAC-300-B

Datasheet

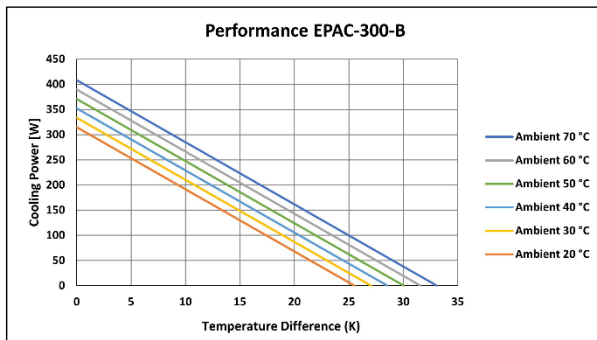


Technical data:

| | |
|-------------------------------------|--|
| Supply voltage | 90..305 V-AC, 47-63 Hz, 127-431 V-DC |
| Rated input | 423 W |
| Weight | 20 kg |
| Cooling power (L35/L35) | 340 W |
| Noise (outside part) | 60 dB(A) |
| Degree of protection (outside part) | IP67 |
| Degree of protection (inside part) | IP20 |
| Operating temperature range | -10 .. +70 °C (external fans working) -40 .. +70 °C (external fans stopped) |
| MTBF | 36400 h min. |
| Alarm-contact | max. 250 V-AC / 30 V-DC max. 5 A |
| Alarm-temperature | 80°C +/- 5°C heatsink-temperature |
| Emergency-shutdown-temperature | 90°C +/- 5°C heatsink-temperature |
| Certificates | CE |



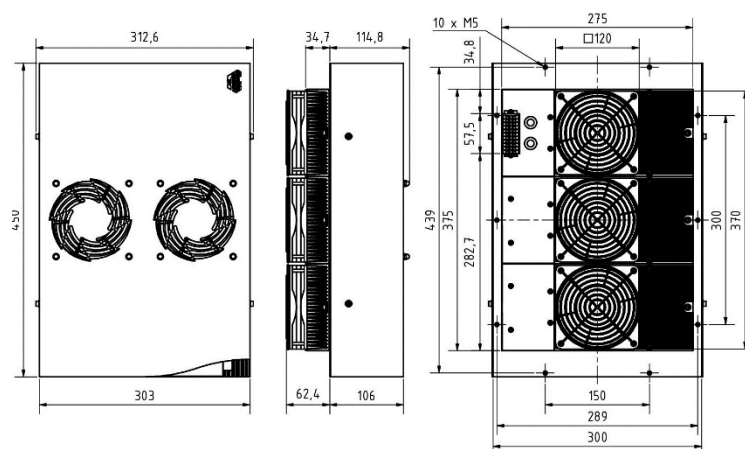
Performance:



Terminals:

| Terminal | Connection |
|----------|-----------------------------------|
| 1 | Voltage output (+ 24 V-DC) |
| 2 | Voltage output (0 V) |
| 3 | Peltier-Modules (+ 24 V-DC) |
| 4 | Peltier-Modules (0 V) |
| 5 | External Fan (+ 24 V-DC) |
| 6 | Internal Fan (+ 24 V-DC) |
| 7 | NC-Alarm-Contact (potential free) |
| 8 | NC-Alarm-Contact (potential free) |
| 9 | L - Supply voltage (90..305 V-AC) |
| 10 | N - Supply voltage (90..305 V-AC) |
| 11 | Ground |

Dimensions:



The terminals 1, 3, 5 and 6 as well as the terminals 2 and 4 are bridged at the delivery status. (The device runs in cooling mode after creating the supply voltage.) To use the device for cooling and for heating, a suitable controller is necessary. Remove both bridges and connect the terminals 1 and 2 to the controller input. Connect the controller output to the terminals 3 to 6 according to the table beside. Terminals: WAGO 260 series, spring-type terminal 0,5 ..1,5 mm².