

AC axial fan

straight blades (A series)

with guard grille for full nozzle

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Nominal data

| | | | |
|-------------------------------|-----------------------|------|---------|
| Type | S4S250-BA20-56 | | |
| Motor | M4S068-CF | | |
| Phase | | 1~ | 1~ |
| Nominal voltage | VAC | 115 | 115 |
| Frequency | Hz | 60 | 60 |
| Type of data definition | | fa | fa |
| Valid for approval / standard | | CE | UL 2111 |
| Speed | min ⁻¹ | 1550 | 1550 |
| Power input | W | 75 | 80 |
| Current draw | A | 1.1 | 1.12 |
| Min. ambient temperature | °C | -25 | -25 |
| Max. ambient temperature | °C | 40 | 40 |

ml = max. load · me = max. efficiency · fa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations



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Technical features

| | |
|---|---|
| Mass | 2 kg |
| Size | 250 mm |
| Surface of rotor | Coated in black |
| Material of impeller | Sheet steel, coated in black |
| Material of guard grille | Steel, coated in black plastic (RAL9005) |
| Number of blades | 5 |
| Direction of air flow | "V" |
| Direction of rotation | Counter-clockwise, seen on rotor |
| Type of protection | IP 44; Depending on installation and position |
| Insulation class | "B" |
| Humidity class | F5 |
| Max. permissible ambient motor temp. (transp./ storage) | + 80 °C |
| Min. permissible ambient motor temp. (transp./storage) | - 40 °C |
| Mounting position | Any |
| Condensate discharge holes | None |
| Operation mode | S1 |
| Motor bearing | Ball bearing |
| Touch current acc. IEC 60990 (measuring network Fig. 4, TN system) | < 0.75 mA |
| Motor protection | Thermal overload protector (TOP) wired internally |
| Cable exit | Lateral |
| Protection class | I (if protective earth is connected by customer) |
| Product conforming to standard | EN 60335-1; CE |
| Approval | CSA; UL |

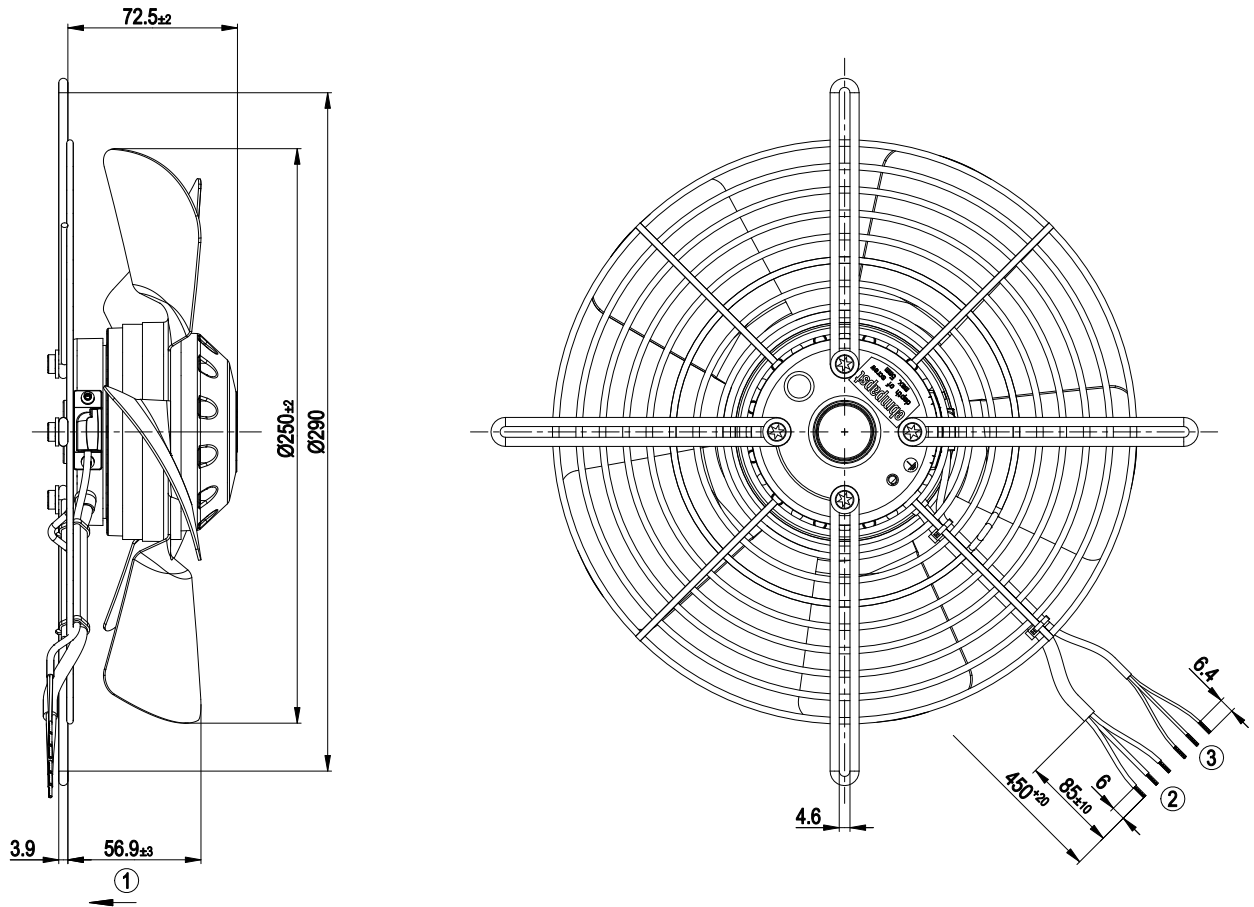


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Product drawing



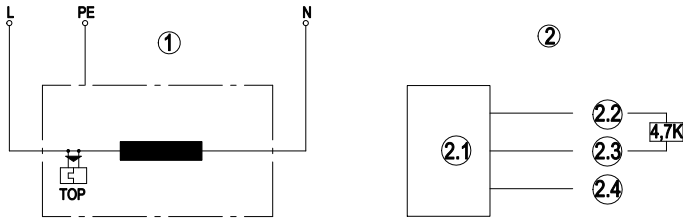
| | |
|---|---|
| 1 | Direction of air flow "V" |
| 2 | Connection line PVC 3G AWG20, 3x brass lead tips crimped |
| 3 | Connection line Raychem AWG24, 3x brass lead tips crimped |



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Connection screen



| | |
|-----|----------------------------|
| 1 | Fan connection diagram |
| L | Blue |
| N | brown |
| PE | green / yellow |
| TOP | Thermal overload protector |
| 2 | Hall IC circuit |
| 2.1 | Hall IC |
| 2.2 | Red (+5V) |
| 2.3 | White (out) |
| 2.4 | Black (0V) |