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Nominal data

Type	4412 H	
Nominal voltage	VDC	12
Nominal voltage range	VDC	7 .. 14
Speed (rpm)	min ⁻¹	4300
Power consumption	W	8.6
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	70
Air flow	m ³ /h	240
Sound power level	B	6.0
Sound pressure level	dB(A)	50

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



Technical description

Housing material	Glass-fiber reinforced PBT plastic
Impeller material	Glass-fiber reinforced PA plastic
Weight	0.250 kg
Dimensions	119 x 119 x 38 mm
Airflow direction	Exhaust over struts
Direction of rotation	Clockwise, viewed toward rotor
Storage	Ball bearing
Service life L10 at 40 °C	57500 h
Service life L10 at maximum temperature	27500 h
Cable	Leads AWG 24, TR 64, stripped and tin-plated.
Motor protection	Protection against reverse polarity and blocked rotor.
Option	Control inputs and alarm and speed signals.



DC axial compact fan

sickle-shaped blades (S series)

AbN
automation

Technical drawing of the 125mm square fan frame, showing dimensions for the fan and the mounting plate.

Fan Dimensions:

- Overall width: 119 ± 0.3 mm
- Overall height: 116 mm
- Inner width: 104.8 ± 0.2 mm
- Inner height: 104.8 ± 0.2 mm
- Mounting hole diameter: $\varnothing 125$ mm
- Mounting hole offset: 4.3 ± 0.15 mm
- Mounting hole diameter: 4.5 ± 0.2 mm
- Mounting hole offset: 4.5 ± 0.2 mm
- Mounting hole diameter: 6 ± 0.3 mm
- Mounting hole offset: 6 ± 0.3 mm
- Mounting hole diameter: 38 ± 0.5 mm
- Mounting hole offset: 38 ± 0.5 mm
- Mounting hole diameter: 6 ± 0.3 mm
- Mounting hole offset: 6 ± 0.3 mm
- Mounting hole diameter: 6 ± 0.3 mm
- Mounting hole offset: 6 ± 0.3 mm

Mounting Plate Dimensions:

- Overall width: 116 mm
- Overall height: 104.8 ± 0.2 mm
- Inner width: 104.8 ± 0.2 mm
- Inner height: 104.8 ± 0.2 mm
- Mounting hole diameter: $\varnothing 125$ mm
- Mounting hole offset: 4.3 ± 0.15 mm
- Mounting hole diameter: 4.5 ± 0.2 mm
- Mounting hole offset: 4.5 ± 0.2 mm
- Mounting hole diameter: 6 ± 0.3 mm
- Mounting hole offset: 6 ± 0.3 mm
- Mounting hole diameter: 38 ± 0.5 mm
- Mounting hole offset: 38 ± 0.5 mm
- Mounting hole diameter: 6 ± 0.3 mm
- Mounting hole offset: 6 ± 0.3 mm
- Mounting hole diameter: 6 ± 0.3 mm
- Mounting hole offset: 6 ± 0.3 mm

Curves

