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Nominal data

Type	4418 F	
Nominal voltage	VDC	48
Nominal voltage range	VDC	28 .. 53
Speed	min ⁻¹	2900
Power input	W	5.4
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	60
Air flow	m ³ /h	170
Sound power level	B	5.3
Sound pressure level	dB(A)	43

ml = Max. load · me = Max. efficiency · fa = Running at free air · cs = Customer specs · cu = Customer unit
Subject to alterations



Technical features

Housing material	Fibreglass-reinforced plastic (PBT)
Impeller material	Fibreglass-reinforced plastic (PA)
Mass	0.175 kg
Dimensions	119 x 119 x 25 mm
Direction of air flow	Air exhaust over bars
Direction of rotation	Left, looking at rotor
Bearing	Ball bearings
Lifetime L10 at 40 °C	60000 h
Lifetime L10 at maximum temperature	37500 h
Connection line	Single strands AWG 24, TR 64, bared and tin-plated.
Motor protection	Protected against reverse polarity and locking.
Locked-rotor protection	Blocking and overload protection
Approval	VDE, CSA, UL, CE

DC axial compact fan

Technical drawing of the cooling fan assembly showing dimensions and tolerances:

- Top edge dimensions: $25,4^{+0,3}$ and 4
- Left side dimensions: 310^{+10} and 6^{+1}
- Bottom edge dimensions: $104,8^{+0,2}$, $119^{+0,3}$, and $4,3^{+0,15}$
- Right side dimensions: $104,8^{+0,2}$, 116 , and $4,5^{+0,2}$
- Central circular feature: $\varnothing 125$

Charts: Air flow

