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Nominal data

Type	5212 NM	
Nominal voltage	VDC	12
Nominal voltage range	VDC	7 .. 14.5
Speed	min ⁻¹	2750
Power input	W	4.6
Min. ambient temperature	°C	-20
Max. ambient temperature	°C	75
Air flow	m ³ /h	187
Sound power level	B	5.3
Sound pressure level	dB(A)	43

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



Technical features

Dimensions	127 x 127 x 38 mm
General description	Particular design features: Optional Vario-Pro: Highly flexible software configuration for the fan ensures an easily customisable solution to meet the individual requirements of your application. General features: Material: fibreglass-reinforced plastic. Impeller PA, housing PBT. Electronic commutation completely integrated. Protected against reverse polarity and locking. Connection via single strands AWG 22, TR 64, bared and tin-plated. Air exhaust over bars. Direction of rotation counter-clockwise seen on rotor. Mass: 310 g.
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Locked-rotor protection	With electronic blocking and overload protection
Direction of rotation	Left, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Ball bearings
Lifetime L10 at 40 °C	62500 h
Lifetime L10 at maximum temperature	27500 h
Mass	0.310 kg
Housing material	Fiberglass-reinforced PBT plastic
Material of impeller	Fiberglass-reinforced PA plastic
Motor protection	Protected against reverse polarity and locking.
Approval	VDE, CSA, UL, CE

DC axial compact fan

Technical drawing of the cooling fan assembly, showing front and side views with dimensions:

- Front View Dimensions:**
 - Total width: $\square 127^{+0.3}$
 - Total height: $\square 113.3^{+0.2}$
 - Inner square frame width: $\square 113.3^{+0.2}$
 - Outer square frame height: $\square 113.3^{+0.2}$
 - Mounting hole diameter: $\varnothing 123$
 - Mounting hole offset from center: $4.5^{+0.2}$
 - Fan blade width: $38^{\pm 0.5}$
 - Fan blade thickness: $6^{\pm 0.3}$
 - Fan hub diameter: 310 ± 10
 - Fan mounting flange thickness: 6 ± 1
 - Fan mounting flange offset: $4.3^{\pm 0.15}$
- Side View Dimensions:**
 - Mounting hole diameter: $\varnothing 123$
 - Mounting hole offset from center: $4.5^{+0.2}$
 - Mounting hole depth: $4.3^{\pm 0.15}$

Charts: Air flow

