

5112N 5112N/2

ebmpapst



Durch die Abkündigung elektronischer Bauelemente musste die Elektronik nachfolgender Lüfter geringfügig modifiziert werden. Dadurch haben sich Werte des Lüfters geändert.

Due to the discontinuation of a electronic component the fan electronics had to be slightly adapted. Therefore specification figures changed.

Technische Daten	Werte bisher / Current design	Werte neu / Adapted Design
Nennspannung / Nominal Voltage	12 VDC	12 VDC
Spannungsbereich / Voltage Range	6 VDC – 14 VDC	6 VDC – 14 VDC
Nenndrehzahl / Nominal Speed	2.900 U/min	2.900 U/min
Volumenstrom / Air Flow m³/h	260 m³/h	260 m³/h
Sollwerteingang / Speed Control Input	-/-	-/-
Anlaufstrom / Start-up Current	1.6 A mean 2.8 A peak	1.1 A mean 1.3 A peak
Anlauf Zeit / Start-up time	2.8 s	7.3 s
Einschaltstrom / Inrush Current	1.5 A	Inrush current is mainly affected by length and kind of connecting line. 470µF Capacitor without resistor in line on pcb
Tacho / Tacho	-/- or /2	-/- or /2
Leistungsaufnahme / Power Consumption	9,5 W	9,3 W
Geräusch / Noise (Schalldruck / Sound Pressure)	48 dB(A)	48 dB(A)
Schalleistung / Sound Power	6.1 Bel	6.1 Bel
Zulässige Temperaturber. / Temperature Range	-25 °C ... +72 °C	-25 °C ... +72 °C
Lebensdauererwartung / Life expectancy L10 @ 40°C	80.000 h	80.000 h
Lebensdauererwartung / Life expectancy L10 @ max. Temp.	37.500 h	37.500 h
Lüftergehäuse / Lüfterrad / Fan Housing / Impeller	Metal / Metal	Metal / Metal
Lagersystem / Bearing System	Kugellager / Ball bearings	Kugellager / Ball bearings
Masse / Mass	650 g	650 g
Zulassungen / Approvals	CSA, UL, VDE	CSA, UL, VDE
Besonderheiten / Specials		

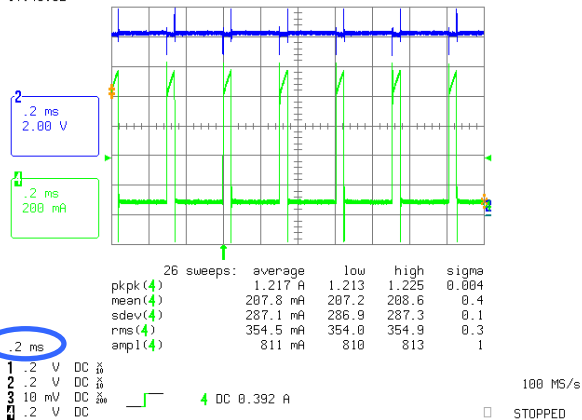
All data are mean at nominal voltage.

old PCB 147

new PCB 856

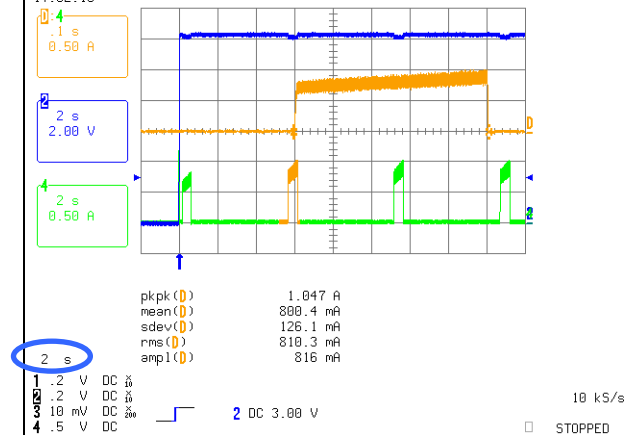
locked Rotor 3.3 kHz 1.3 A PP @ 12V fall back
current limiter ~ 200 mA mean.

13-Jun-13
17:45:52



locked Rotor 0.5s / 5.0s 1.1 A PP
~ 95 mA mean @ 12V

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locked Rotor 0.5s / 5.0s 1.1 A PP
~ 95 mA mean @ 12V

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17:01:12

