

7118N



Durch die Abkündigung elektronischer Bauelemente musste die Elektronik des Lüfters 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 / technical data	Old fan: 7118N (9295410122)	New fan: 7118N (9295410160)
Nennspannung / Nominal Voltage	48V	48V
Spannungsbereich / Voltage Range	24V...60V	24V...60V
Nennzahl / Nominal Speed	2850 1/min	2850 1/min
Volumenstrom / Air Flow	308 m3/h	308 m3/h
Sollwerteingang / Speed Control Input	Keinen / None	Keinen / None
Signalausgang / Signal Output	Keinen / None	Keinen / None
Anlaufstrom / Start-up Current	< 1000 mA peak	< 500 mA peak
Anlaufverzögerung / Start-up delay	-/-	< 4 s
Einschaltstrom / Inrush Current	4 A peak	30 mA
Blockierschutz / Locked Rotor Protection	fall back current limiter	el. Wiederanl. / el. restart 0,5s / 5,0s
Leistungsaufnahme / Power Consumption	11 W	11 W
Geräusch / Noise (Schalldruck)	53,0 dB(A)	53,0 dB(A)
Schallleistung / Sound Power	6,2 bel(A)	6,2 bel(A)
Zulässige Umgebungstemperatur / Temperature Range	-25...72°C	-25...+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
Lagersystem / Bearing System	Kugellager / Ball bearing	Kugellager / Ball bearing
Masse / Mass	0,620 kg	0,620 kg
Besonderheiten / Specials		

Old fan - 7118N (9295410122)	New fan - 7118N (9295410160)
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<p>Inrush - hotplug (3.300µF @ power supply)</p> <p>47µF Capacitor on PCB Inrush 4 A To note inrush current @ U nom: The internal electrolytic capacitor 47uF/63V has 12 Ohm resistor in line. The existing peak depends on several ceramic capacitors.</p>	<p>N/A</p>																																																																																																																														
<p>Startup</p> <table border="1"> <thead> <tr> <th>Measure</th> <th>P1:meas(CA)</th> <th>P2:meas(CI)</th> <th>P3:meas(Ft)</th> <th>P4:meas(CA)</th> <th>P5:meas(Ft)</th> <th>P6:meas(CI)</th> <th>P7:meas(Ft)</th> <th>P8:meas(CI)</th> </tr> </thead> <tbody> <tr> <td>value</td> <td>381.0 mA</td> <td>50.1 V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>mean</td> <td>100.0 mA</td> <td>44.1 V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>min</td> <td>-0.1 mA</td> <td>97.0 mV</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>max</td> <td>381.0 mA</td> <td>50.1 V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>stdv</td> <td>188.0 mA</td> <td>10.0 V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>statv</td> <td>3.25E+3</td> <td>3.25E+3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Measure	P1:meas(CA)	P2:meas(CI)	P3:meas(Ft)	P4:meas(CA)	P5:meas(Ft)	P6:meas(CI)	P7:meas(Ft)	P8:meas(CI)	value	381.0 mA	50.1 V							mean	100.0 mA	44.1 V							min	-0.1 mA	97.0 mV							max	381.0 mA	50.1 V							stdv	188.0 mA	10.0 V							statv	3.25E+3	3.25E+3							<p>Startup</p> <table border="1"> <thead> <tr> <th>Measure</th> <th>P1:meas(CA)</th> <th>P2:meas(CI)</th> <th>P3:meas(Ft)</th> <th>P4:meas(CA)</th> <th>P5:meas(Ft)</th> <th>P6:meas(CI)</th> <th>P7:meas(Ft)</th> <th>P8:meas(CI)</th> </tr> </thead> <tbody> <tr> <td>value</td> <td>421.2 mA</td> <td>50.1 V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>mean</td> <td>286.0 mA</td> <td>34.10 V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>min</td> <td>-0.1 mA</td> <td>2.1 V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>max</td> <td>421.2 mA</td> <td>50.1 V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>stdv</td> <td>203.0 mA</td> <td>22.18 V</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>statv</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Measure	P1:meas(CA)	P2:meas(CI)	P3:meas(Ft)	P4:meas(CA)	P5:meas(Ft)	P6:meas(CI)	P7:meas(Ft)	P8:meas(CI)	value	421.2 mA	50.1 V							mean	286.0 mA	34.10 V							min	-0.1 mA	2.1 V							max	421.2 mA	50.1 V							stdv	203.0 mA	22.18 V							statv								
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