



Model		LHA75F-5																																																																													
Item		Switching Frequency																																																																													
Object		Temperature 25°C Testing Circuitry Figure A																																																																													
1.Graph		2.Values																																																																													
<div>Input Voltage: AC100V</div> <div><div>Switching Frequency [kHz]</div><div><div></div><div>Load Increase</div><div>Load Decrease</div></div><div>Load Current [A]</div></div> <div>Input Voltage: AC230V</div> <div><div>Switching Frequency [kHz]</div><div><div></div><div>Load Increase</div><div>Load Decrease</div></div><div>Load Current [A]</div></div>		<table><tr><th rowspan="2">Load Current [A]</th><th colspan="2">Switching Frequency [kHz]</th></tr><tr><th>Load Increase (0%→100%)</th><th>Load Decrease (100%→0%)</th></tr><tr><td>0.00</td><td>-</td><td>-</td></tr><tr><td>1.20</td><td>106</td><td>101</td></tr><tr><td>2.40</td><td>86</td><td>83</td></tr><tr><td>3.60</td><td>72</td><td>89</td></tr><tr><td>4.80</td><td>78</td><td>96</td></tr><tr><td>6.00</td><td>68</td><td>104</td></tr><tr><td>7.20</td><td>73</td><td>90</td></tr><tr><td>8.40</td><td>65</td><td>79</td></tr><tr><td>9.60</td><td>73</td><td>71</td></tr><tr><td>10.80</td><td>66</td><td>65</td></tr><tr><td>12.00</td><td>59</td><td>59</td></tr></table> <table><tr><th rowspan="2">Load Current [A]</th><th colspan="2">Switching Frequency [kHz]</th></tr><tr><th>Load Increase (0%→100%)</th><th>Load Decrease (100%→0%)</th></tr><tr><td>0.00</td><td>-</td><td>-</td></tr><tr><td>1.20</td><td>106</td><td>101</td></tr><tr><td>2.40</td><td>86</td><td>83</td></tr><tr><td>3.60</td><td>72</td><td>89</td></tr><tr><td>4.80</td><td>78</td><td>96</td></tr><tr><td>6.00</td><td>68</td><td>104</td></tr><tr><td>7.20</td><td>72</td><td>90</td></tr><tr><td>8.40</td><td>65</td><td>79</td></tr><tr><td>9.60</td><td>72</td><td>71</td></tr><tr><td>10.80</td><td>65</td><td>65</td></tr><tr><td>12.00</td><td>59</td><td>59</td></tr></table>		Load Current [A]	Switching Frequency [kHz]		Load Increase (0%→100%)	Load Decrease (100%→0%)	0.00	-	-	1.20	106	101	2.40	86	83	3.60	72	89	4.80	78	96	6.00	68	104	7.20	73	90	8.40	65	79	9.60	73	71	10.80	66	65	12.00	59	59	Load Current [A]	Switching Frequency [kHz]		Load Increase (0%→100%)	Load Decrease (100%→0%)	0.00	-	-	1.20	106	101	2.40	86	83	3.60	72	89	4.80	78	96	6.00	68	104	7.20	72	90	8.40	65	79	9.60	72	71	10.80	65	65	12.00	59	59
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<p>-Switching frequency of LHA changes depending on load current and input voltage. When load current is low, switching frequency becomes high and step down to low frequency at certain point. There is hysteresis, so characteristic is different between load increase (sweep from 0% to 100%) and load decrease (sweep from 100% to 0%).</p> <p>-When load current is low, LHA operates intermittently, so switching frequency would not become constant. Therefore it is shown as "-" in the table.</p>																																																																															