COSEL

Model	LHA50F-24
Item	Switching Frequency

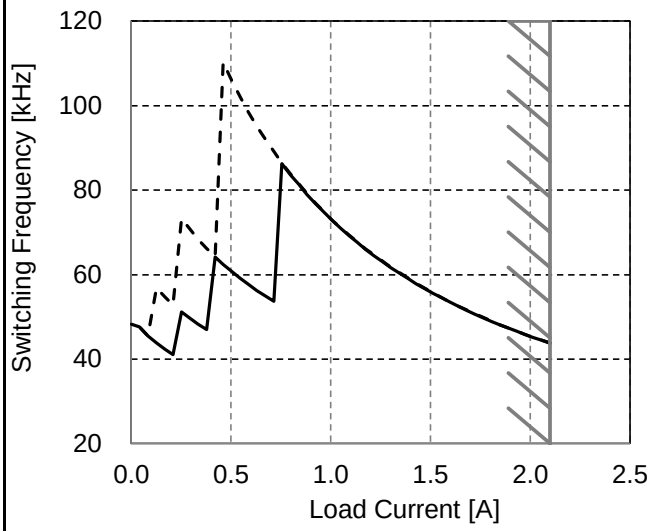
Temperature 25°C
Testing Circuitry Figure A

Object ——————————

1.Graph

——— Load Increase
- - - - - - - Load Decrease

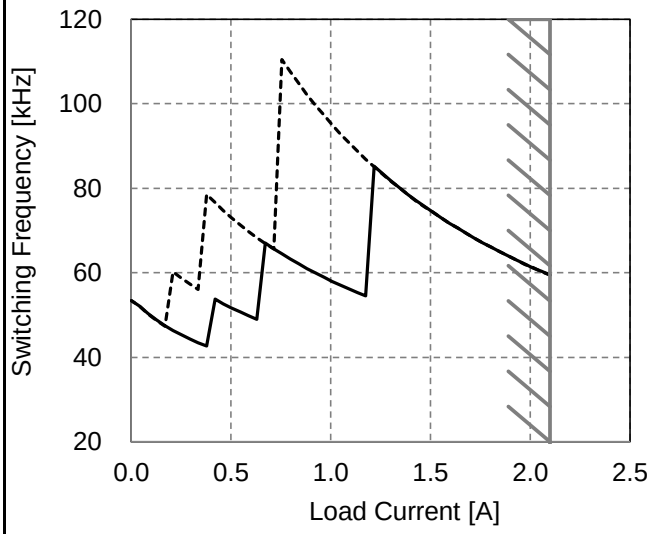
Input Voltage : AC100V



2.Values

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	48	46
0.21	41	53
0.42	64	64
0.63	56	95
0.84	81	81
1.05	71	71
1.26	63	63
1.47	57	57
1.68	52	52
1.89	47	47
2.10	44	44

Input Voltage : AC230V



Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	53	53
0.21	46	60
0.42	54	77
0.63	49	68
0.84	62	105
1.05	57	93
1.26	83	83
1.47	76	76
1.68	69	69
1.89	64	64
2.10	59	59

-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%).

-When load current is low, LHA operates intermittently, so switching frequency would not become constant.
Therefore it is shown as "-" in the table.