COSEL

Model	TUHS5F05
Item	Switching Frequency

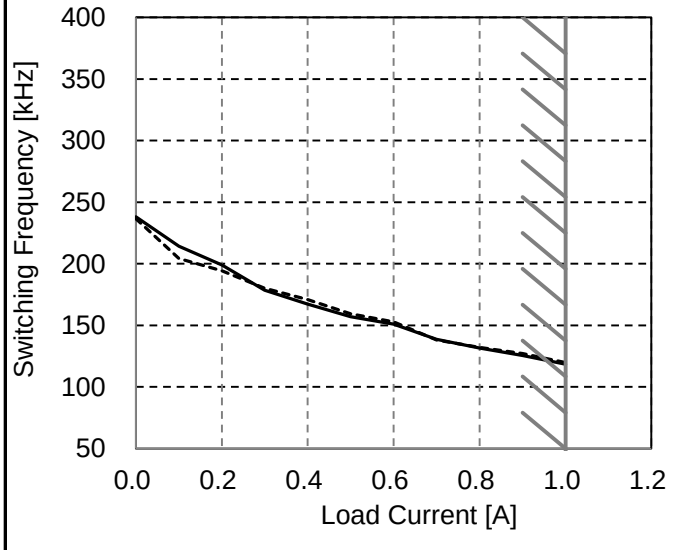
Temperature 25°C
Testing Circuitry Figure A

Object ——————————

1.Graph

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

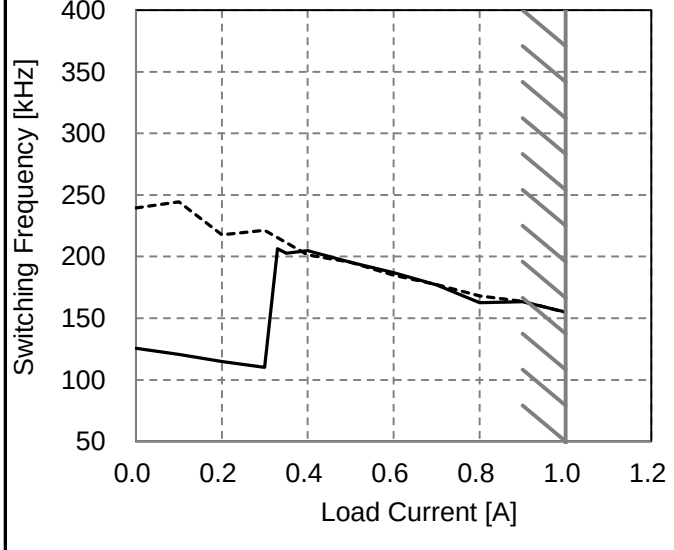
Input Voltage : AC100V



2.Values

Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	238	236
0.10	214	204
0.20	199	194
0.30	179	180
0.40	167	171
0.50	157	159
0.60	151	153
0.70	139	138
0.80	131	132
0.90	125	127
1.00	119	120

Input Voltage : AC200V



Load Current [A]	Switching Frequency [kHz]	
	Load Increase (0%→100%)	Load Decrease (100%→0%)
0.00	126	240
0.10	121	245
0.20	115	218
0.30	110	221
0.40	205	201
0.50	195	195
0.60	187	185
0.70	177	177
0.80	163	168
0.90	163	164
1.00	155	155

-Switching frequency of TUHS 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, TUHS operates intermittently, so switching frequency would not become constant.