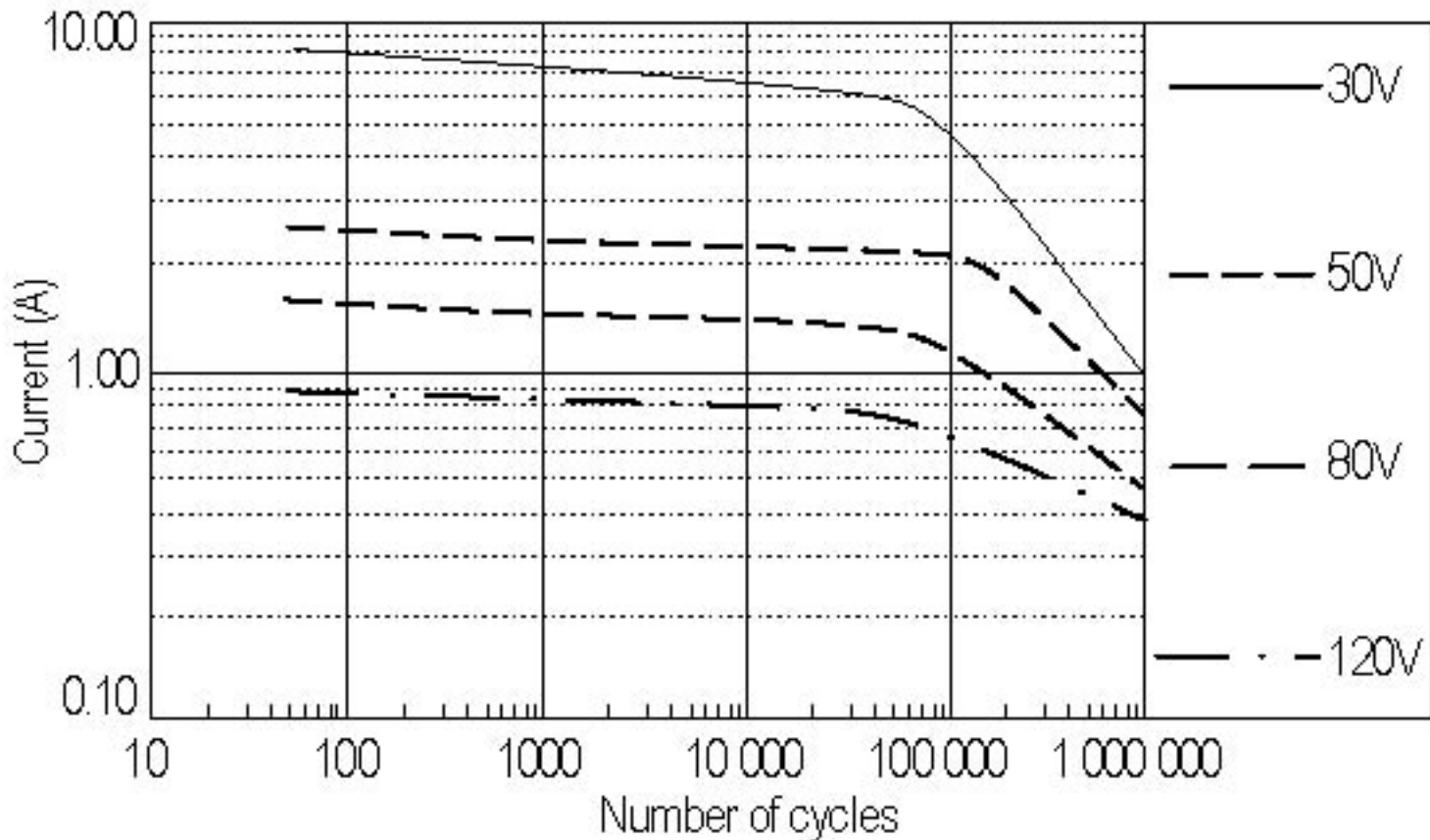


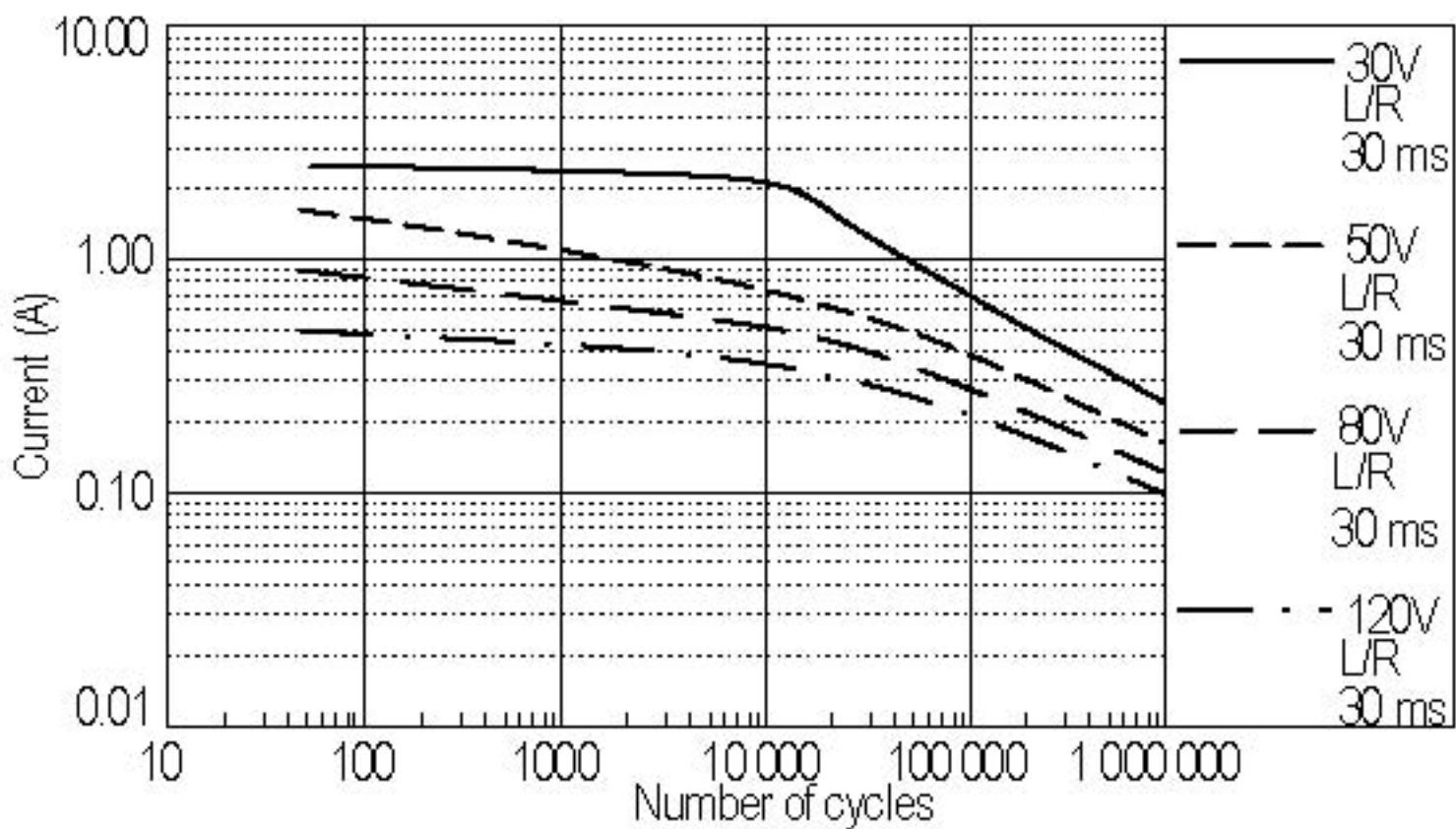
LIFE CAPABILITY VERSUS VOLTAGE

Relay Series 144

Life on a resistive load



Life on inductive load



To define life at values of L/R different to 30 ms, it is possible to consider the product N cycles X L/R = constant. This for a given current and voltage.

For example if a 80 V L/R 30ms 0.25 A, life is found on the graph at 100,000 cycles. For a L/R of 10 ms, and the same current, 0.25 A, life should be 100,000 x 30 / 10 = 300,000 cycles.