$$D := 1 - \frac{Vin}{Vout}$$

For D<=1/3:

$$Iripple := \left[\frac{Vin}{L} - 2\frac{(Vout - Vin)}{L}\right]\cdot D\cdot Ts$$

Substitude D and can simplify above equation as:

$$Iripple := -3\frac{\left(Vin - \frac{5Vout}{6}\right)^2\cdot Ts}{L\cdot Vout} + \frac{Vout\cdot Ts}{12\cdot L}$$

The worse case ripple is when Vout=407V, Vin=339.4V:

$$Iripple := \frac{Vout\cdot Ts}{12\cdot L}$$

For 1/3<D<2/3:

$$Iripple := \left[\frac{2Vin}{L} - \frac{(Vout - Vin)}{L}\right]\cdot\left(D - \frac{1}{3}\right)\cdot Ts$$

Substitude D and can simplify above equation as:

$$Iripple := -3\frac{\left(Vin - \frac{Vout}{2}\right)^2\cdot Ts}{L\cdot Vout} + \frac{Vout\cdot Ts}{12\cdot L}$$

The worse case ripple is when Vout=600V, Vin=300V:

$$Iripple := \frac{Vout\cdot Ts}{12\cdot L}$$

For D>=2/3:

$$\text{Iripple} := \left(\frac{3\text{Vin}}{\text{L}}\right)\cdot\left(\text{D} - \frac{2}{3}\right)\cdot\text{Ts}$$

Substitude D and can simplify above equation as:

$$\text{Iripple} := -3\,\frac{\left(\text{Vin} - \frac{\text{Vout}}{6}\right)^2\cdot\text{Ts}}{\text{L}\cdot\text{Vout}} + \frac{\text{Vout}\cdot\text{Ts}}{12\cdot\text{L}}$$

The worse case ripple is when Vout=600V, Vin=100V:

$$\text{Iripple} := \frac{\text{Vout}\cdot\text{Ts}}{12\cdot\text{L}}$$

So worst case ripple is with 600V Vout:

$$\text{Iripple} := \frac{\text{Vout}\cdot\text{Ts}}{12\cdot\text{L}}$$

In order to make Iripple <10%*Iac_max= 0.1*6600/240*SQRT(2)/0.98=3.97A,

$$\text{Lmin} := \frac{(\text{Vout}\cdot\text{Ts})}{12\cdot\text{Iripple}}$$

$$\text{Lmin} := \frac{(600\cdot 10)}{12\cdot 3.97}$$

$$\text{Lmin} = 125.945$$