



In the circuit shown the switch  $S$  is closed at time  $t = 0$ .

- (a) Find the current  $I$  as a function of time for  $0 < t < t_F$ , where  $t_F$  marks the instant the fuse breaks.
- (b) Find the current  $I$  as a function of time for  $t > t_F$ .

