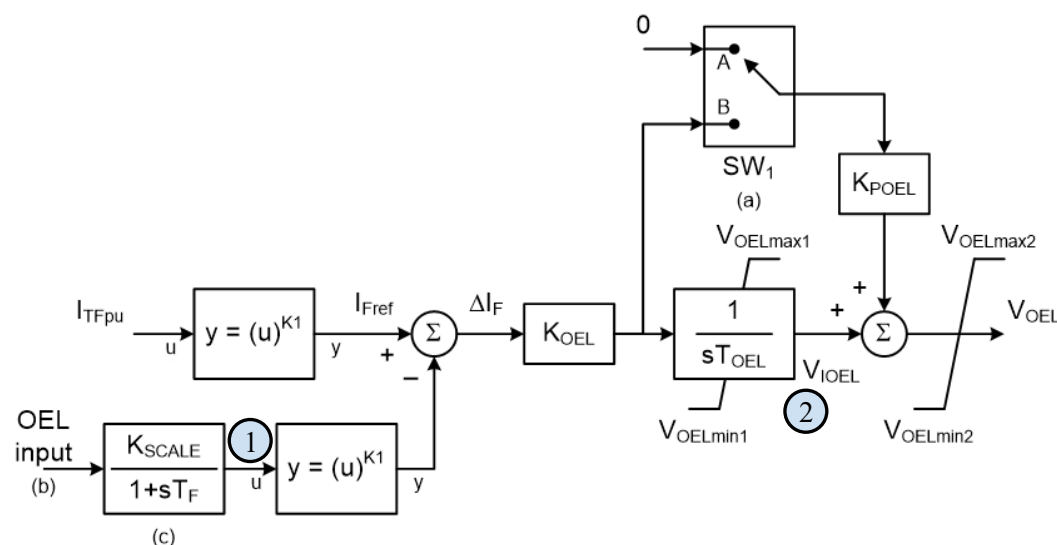


Over Excitation Limiter OEL3C

Over Excitation Limiter OEL3C *IEEE Std 421.5-2016 Summation point over excitation limiter*

States:

- 1 – StateTF
- 2 – VIOEL



footnotes:

- (a) SW_1 logic switches to position B when $V_{IOEL} < 0$. Position A is active, otherwise.
- (b) OEL input is user-selected. Could be generator field current I_{FD} or generator field voltage E_{FD} or exciter field current V_{FE} .
- (c) Parameter K_{SCALE} should be calculated to convert from the per unit base used for the OEL input signal to a per unit base corresponding to the rated value for the selected OEL input signal. All other parameters in the model are expressed in per unit of rated value.