

3 DIAGRAMAS DE BLOQUES

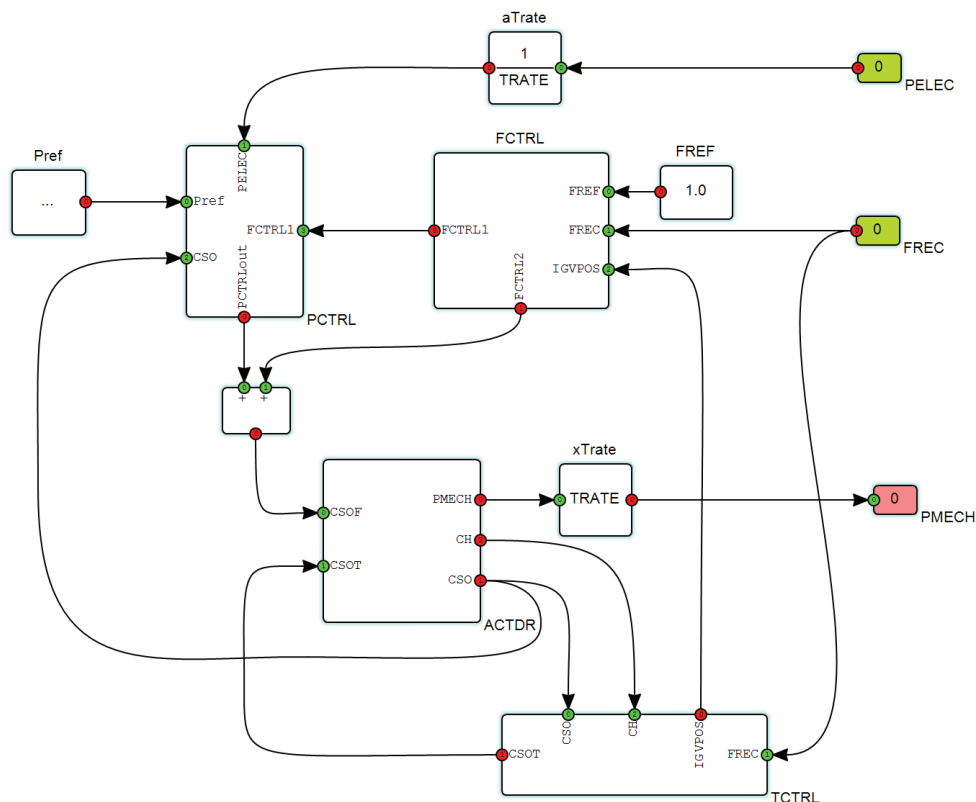
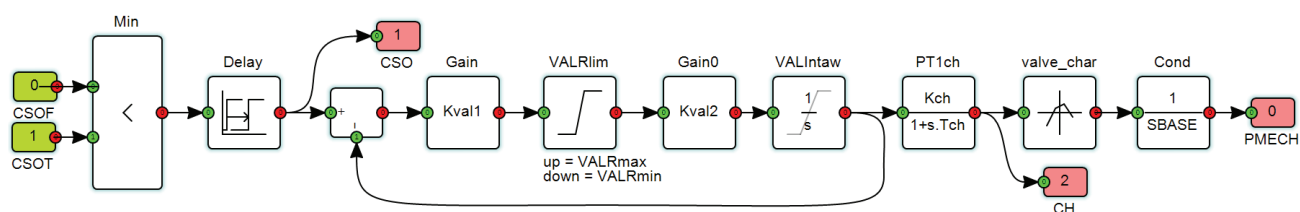


Figura 3.1 - Esquema global del control (ST3000).



Valve Characteristic (valve_char)

Input = [0.00 0.100 0.7602 0.8212 1.000] pu

Output= [0.00 0.0001 0.8992 0.9551 0.9890] pu

Figura 3.2 - Subsistema actuador (ACTDR).

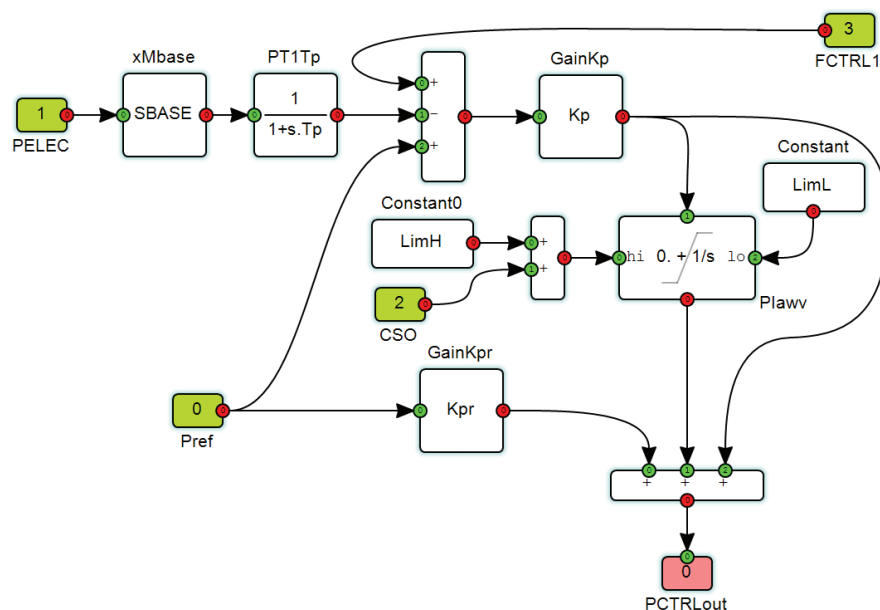


Figura 3.3 - Subsistema control de potencia (PCTRL).

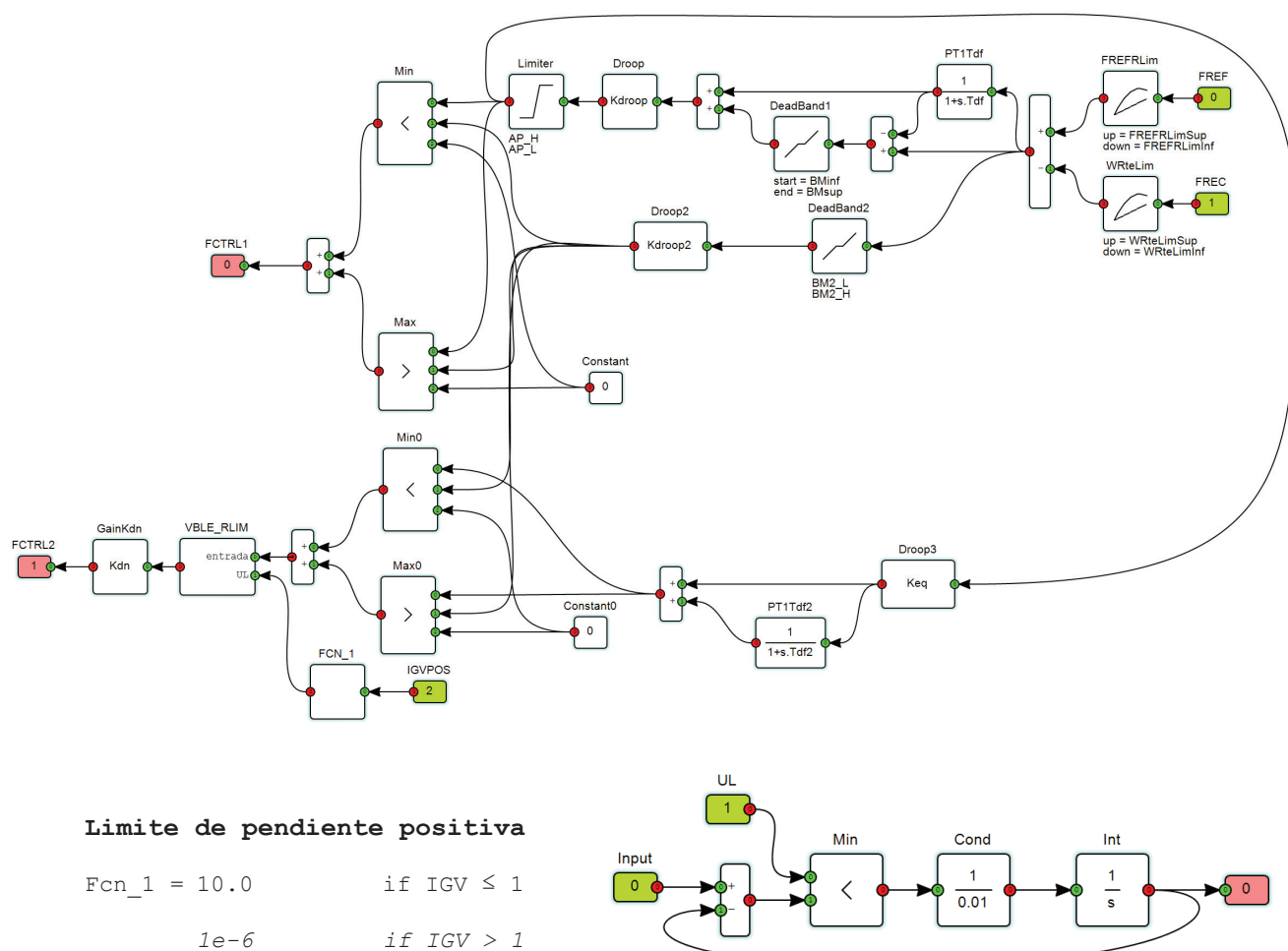
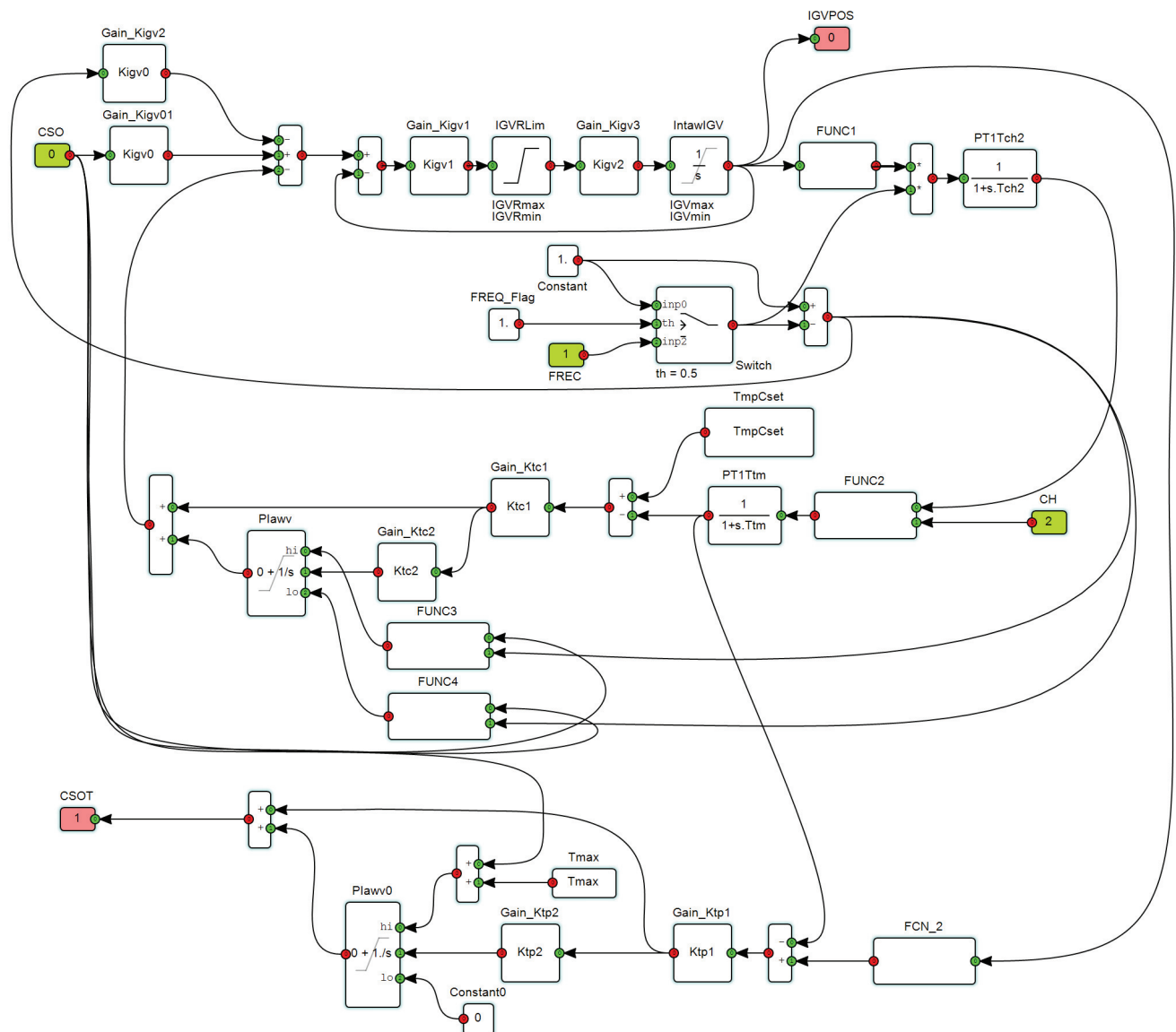


Figura 3.4 - Subsistema control de frecuencia (FCTRL).



- $FCN_2 = 0.9991 \text{ pu} \quad \text{if } IGV \leq 1$
 $0.9721 \text{ pu} \quad \text{if } IGV > 1$
- $FUNC1(IGVPOS) = 0.3 \cdot IGVPOS + 0.7$
- $FUNC2(PT1ch2, CH) = 0.2329 \cdot PT1ch2 - 0.4812 \cdot CH + 1.2621$
- $FUNC3(CS0, \delta F) = K_s \cdot (CS0 - \delta F)$
- $FUNC4(CS0, \delta F) = K_s \cdot (CS0 - \delta F) - C_n$

Figura 3.5 - Subsistema control de temperatura (TCTRL).