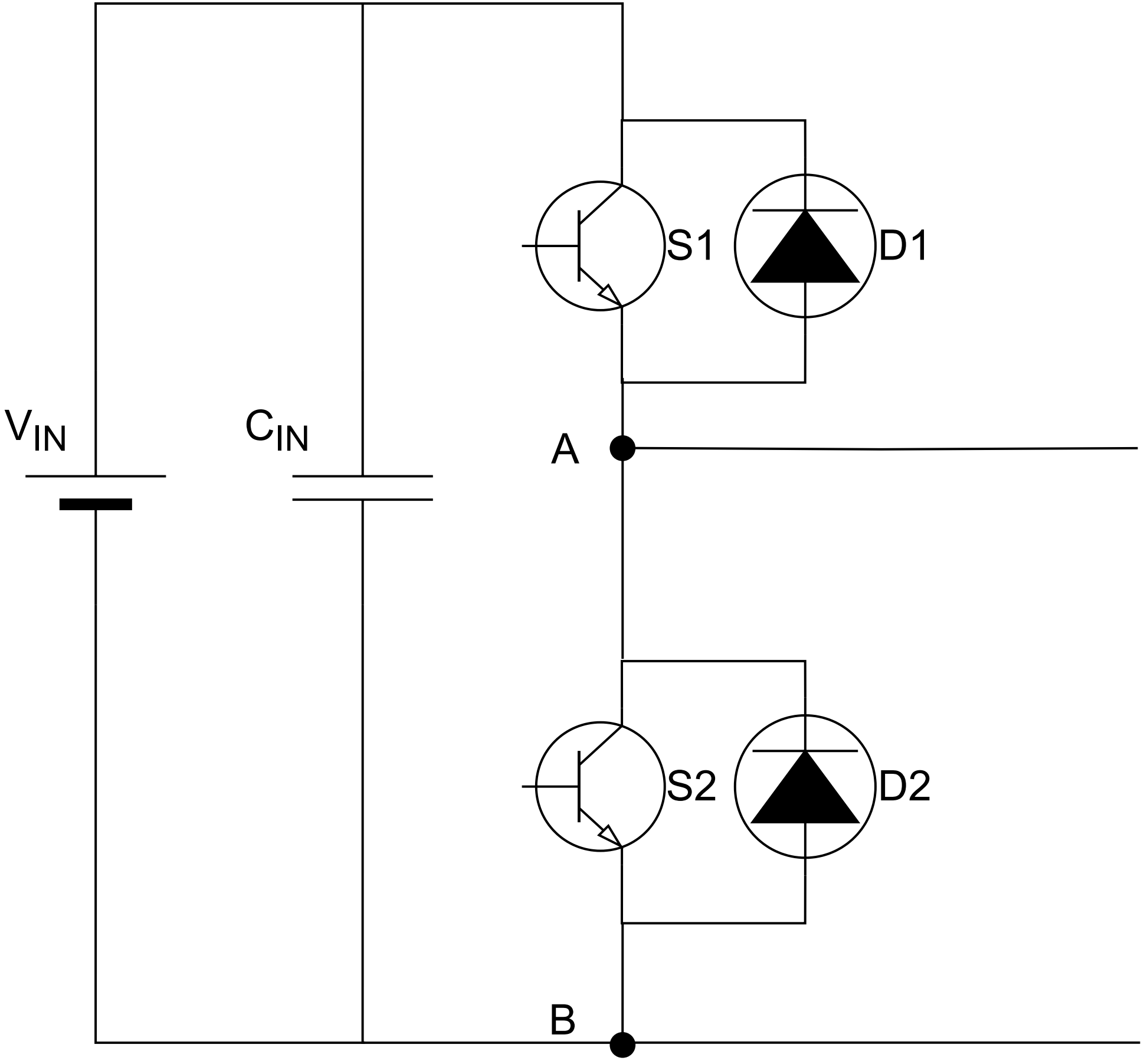

V_{IN}
C_{IN}
S1
D1
A
S2
D2
B