

Reference Material

Figure 1: Circuit diagram of the new 3-level converter

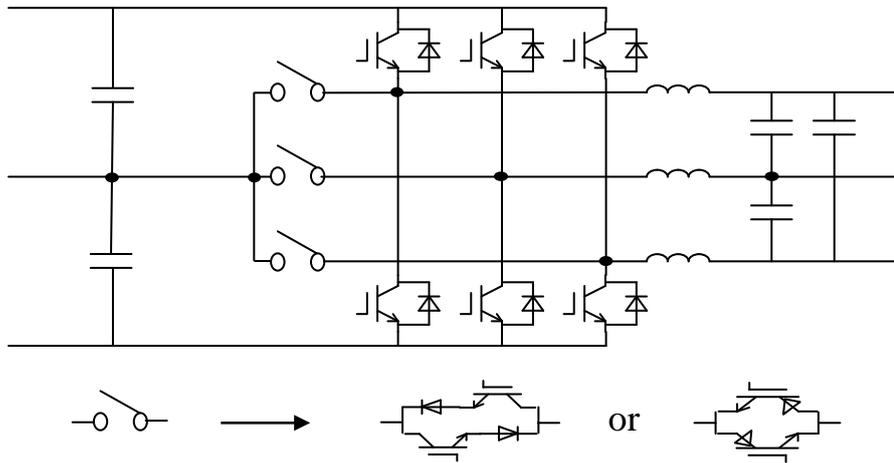


Figure 2: New 3-Level Power Module

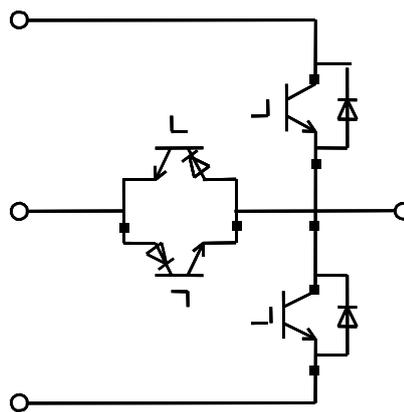
Rating: 1200V/300A

Dimensions: 80×110×30mm

M247 package equivalent



a) 1200V/300A module



b) Circuit diagram

Figure 3: History of circuit development

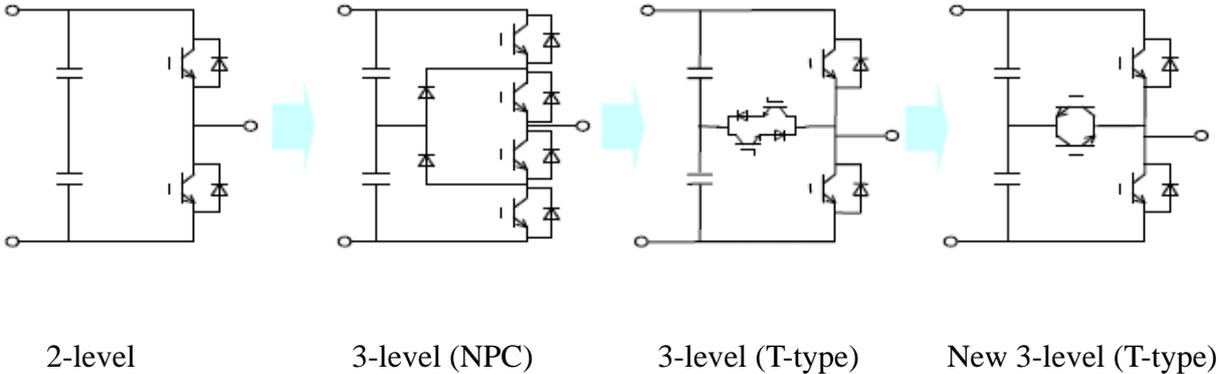


Figure 4: Comparative power loss using 2-level and new 3-level circuits

