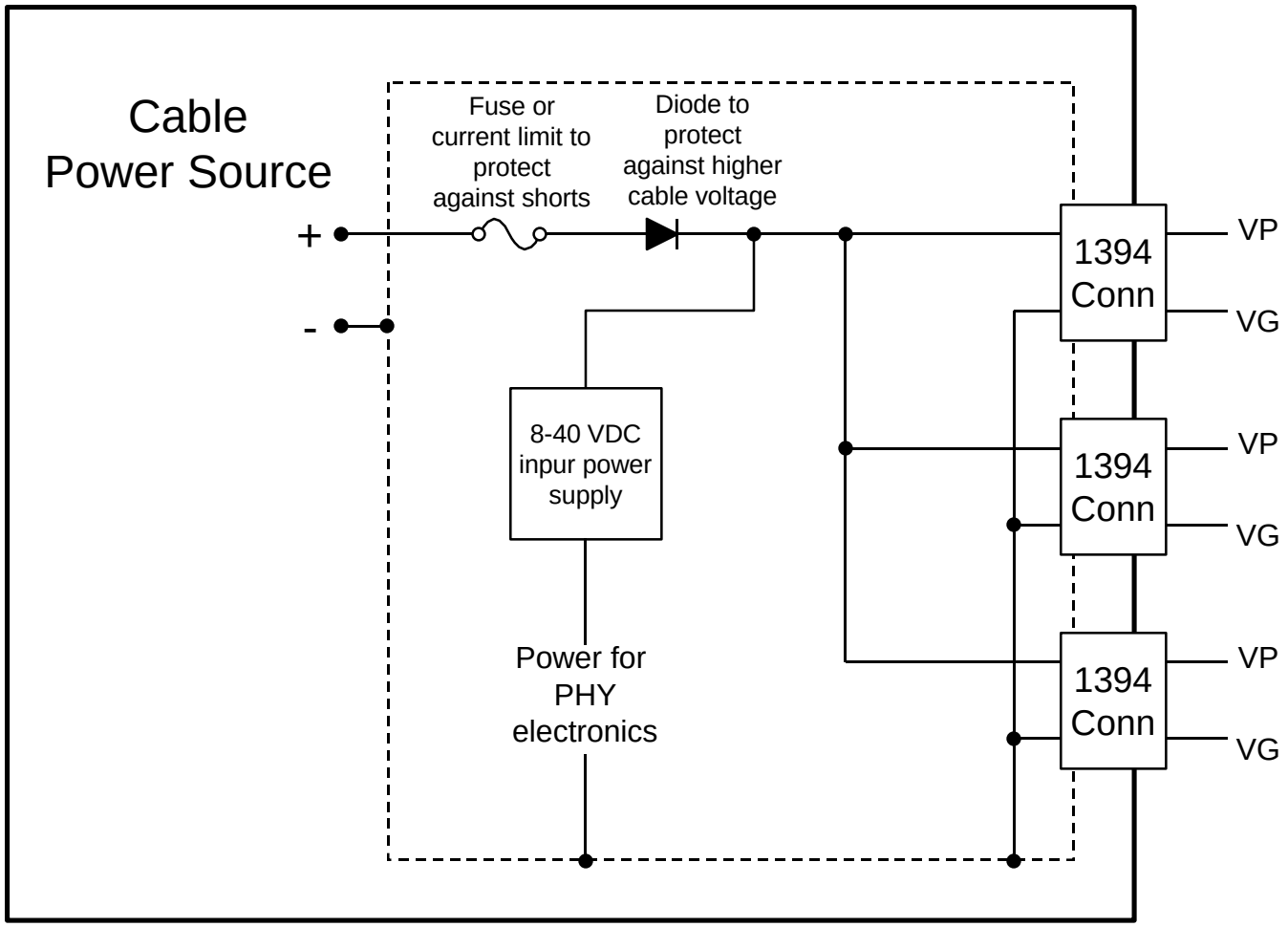
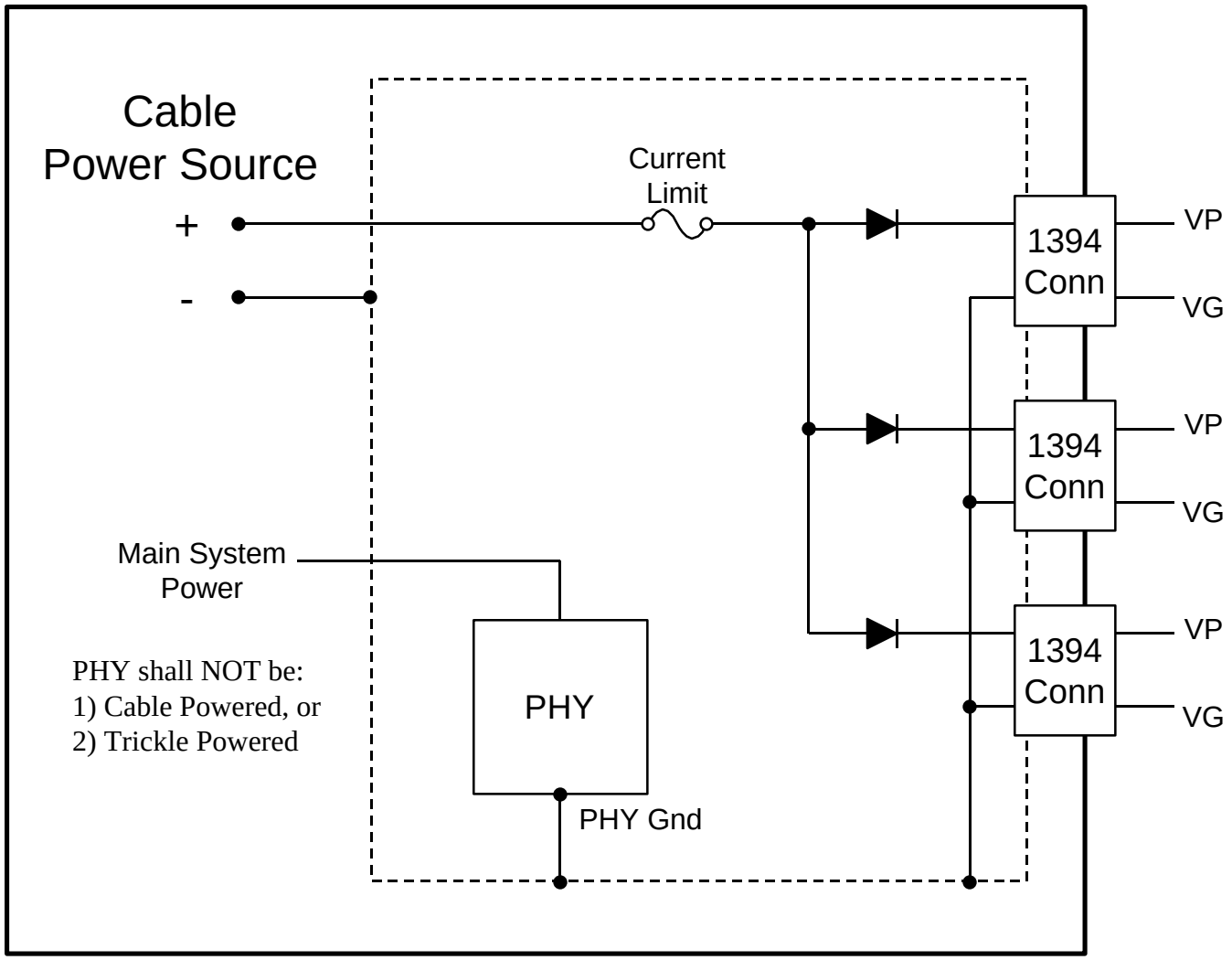
IEEE Standard 1394-1995 Power Provider

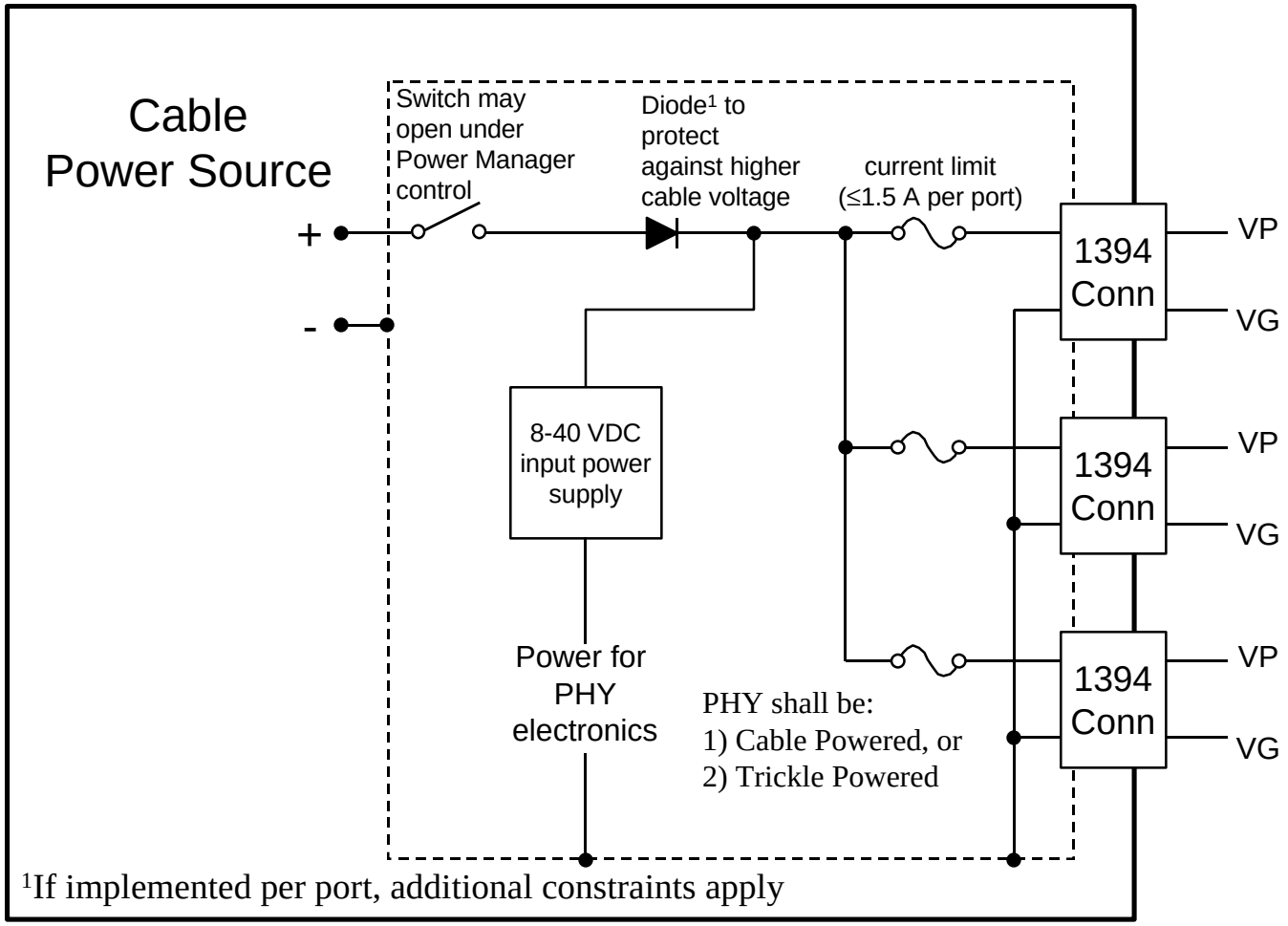


Power Provider



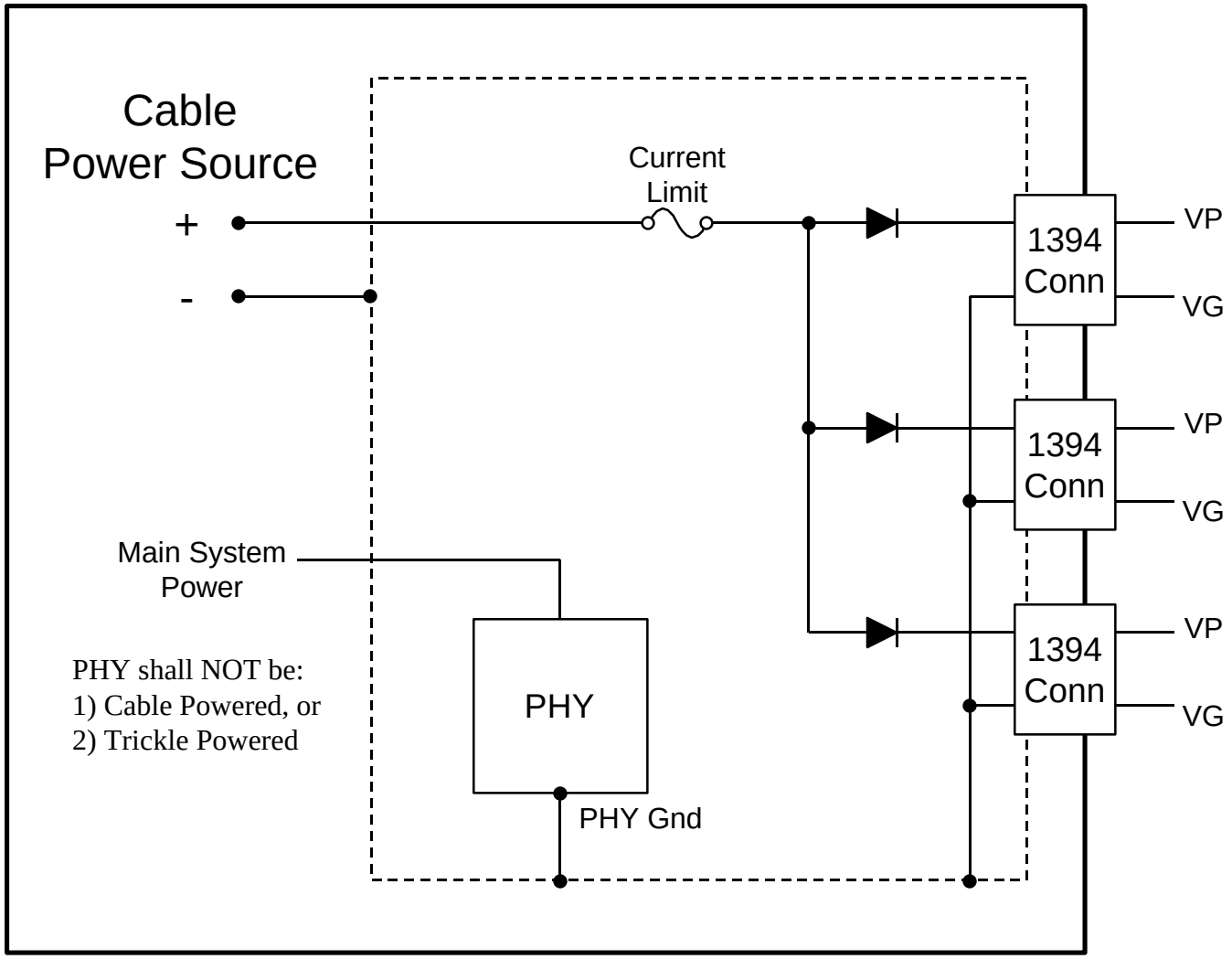
Alternate Power Provider

(launching >8 V but <20 V)



Alternate Power Provider

(launching ≥20 V)

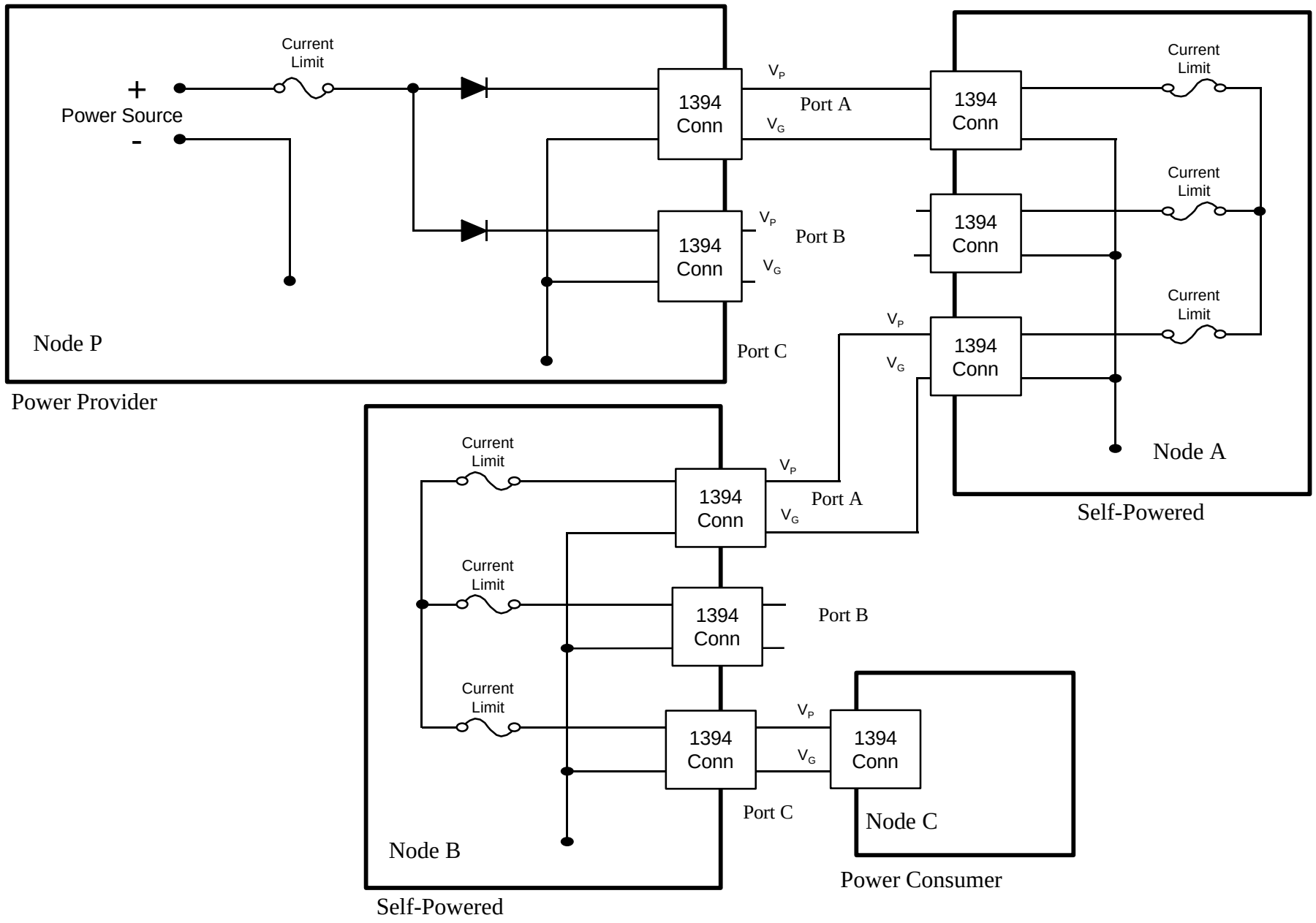


Current Verbage (page 80, clause 7.3, paragraph 3):

"Power sources that identify themselves with POWER_CLASS of one, two or three in their self-ID packet(s) shall implement, for each of their ports, the diode and current limiting scheme illustrated by figure 7-2."

Proposed Verbage (page 80, clause 7.3, paragraph 3):

"Power sources which deliver cable power at a voltage of 20 volts or more shall implement, for each of their ports, the diode and current limiting scheme illustrated by figure 7-2."


Current Limit
+
Power Source
-
1394 Conn
V_P
V_G
Port A
Port B
Port C
Node P
Power Provider
Current Limit
1394 Conn
Node A
Self-Powered
Current Limit
1394 Conn
Port B
Node B
Self-Powered
Current Limit
1394 Conn
Node C
Power Consumer