

APCB

Auxiliary Power Contactor Box

The Auxiliary Power Contactor Box (APCB) is used to isolate the auxiliary power converter from the rail power while the substation is performing the power on test. It provides high impedance load to the input line to prevent substation from calling a faulty impedance on the line. When power is on and after a predefined delay, it turns on the internal contactor to give power to the auxiliary power converter. Also, the APCB has enough energy storage to power the internal contactor when rail gaps occur, avoiding undesirable cycling on the power contactor.



APCB650A shown

HIGHLIGHTS

- High current capacity
- Maintained contacts during rail gaps
- High operating voltage

SERVICE PROVEN

APCBs | Bombardier | Long Island Metro North M7
New York, USA

MODELS & FEATURES

Part Number Base	APCB650A	APCB650B
Operating Voltage	750V _{DC}	750V _{DC}
Maximum Load Current	1000A	1000A
Car A Mount	X	-
Car B Mount	-	X
Length X Height X Depth 12.33" X 21.19" X 37.52"	X	-
Length X Height X Depth 13.33" X 26.38" X 34.08"	-	X

X = Included, O = Optional, F = Factory Configurable