Westinghouse Electric & Manufacturing Company

East Pittsburgh, Pa.

Specification for

Type K-68 Controller

for

Railway Motors

Standard:

Type K-68A

Capacity:

Two railway motors each with one-hour rating of 70 hp., at 600 volts and continuous rating of 66 amperes. These are maximum ratings.

Line Potential:

Nominal 600 volts. Maximum 750 volts.

Connections:

Ground return.

Reverses fields

Notching: 4 points series, 3 points parallel.

Shunt transition.

Cutout switches at the side of main cylinder. Motor circuit leads connect to terminals on

finger base.

Main Cylinder:

Angular throw 264°.

Drum 511 diameter.

Hexagonal shaft.

Lap type burning tips.

Blowout:

Individual finger type.

Frame:

Cast Iron.

Cover:

Wood.

Weight:

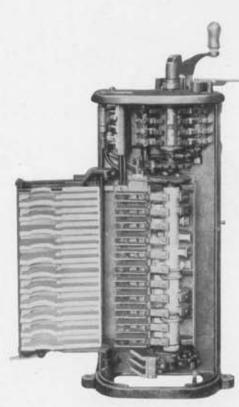
233 pounds.

Miscellaneous:

Safety Devices Company handle Pc. No. 65801

applicable.

Controller machined for ratchet switch Cat. No. 221257.

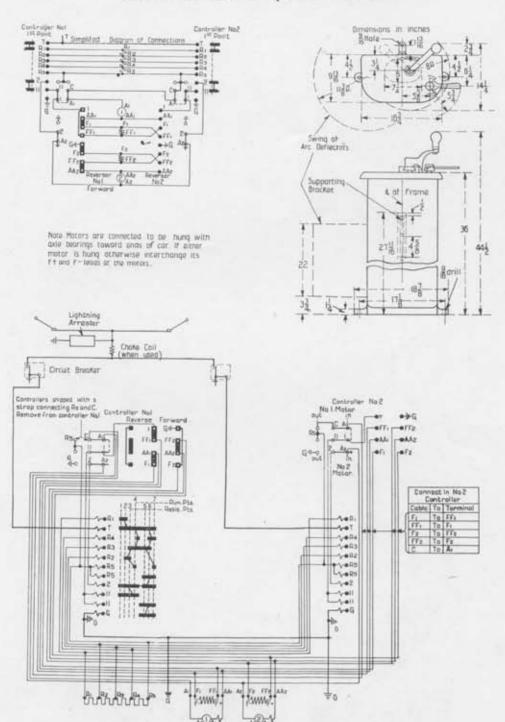


Controller with Cover Removed and Arc Chutes Open, Showing Drums and Contact Tips



Diagram of Connections for Two Controllers and Two Motors

Controller Outline with Important Dimensions



NOTE: For single end cars, No. 2 controller and its circuit-breaker is omitted, wire "C" is omitted from car cables and the strap connecting "R-5" and "C" is not removed from the controller.

