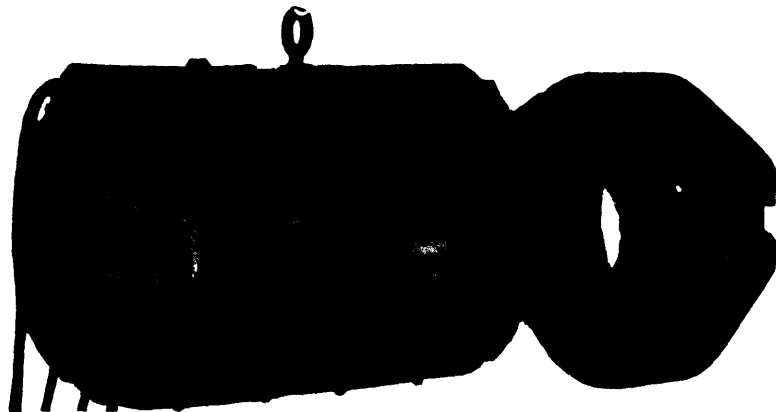


# Westinghouse

## Single-Phase Alternating Current Railway System



Westinghouse Single-Phase Railway Motor.

### As compared with the direct current system :

**Eliminates** rotary converters and cheapens substations.

**Eliminates** complications and losses incident to series-parallel control.

**Eliminates** electrolysis, the menace of direct current operation.

**Eliminates** flashing over of motors under any conditions of operation.

**Eliminates** danger from lightning to a marked degree, owing to motors being in the secondary circuit.

**Permits** voltage regulation, enabling motors to be operated at high efficiency on low speeds.

**Permits** wide variations of speed at maximum efficiency.

**Permits** modification of schedule without loss in economy.

**Permits** lost time to be regained with the utmost facility and economy.

**Permits** the use of higher trolley voltages than is possible with the direct current system.

## Canadian Westinghouse Co., Limited

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**MONTREAL**

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