

COMMUTATOR

Meaning: A commutator is a device in electric motors that reverses the direction of current flow to maintain continuous rotation.

1. The commutator in the electric motor plays a crucial role in reversing the current direction.
2. A faulty commutator can lead to inefficient performance and increased wear on the motor.
3. Engineers often study the design of the commutator to enhance the efficiency of electrical devices.
4. In a DC generator, the commutator helps convert alternating current into direct current.
5. Regular maintenance of the commutator is essential for the longevity of electric machinery.

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