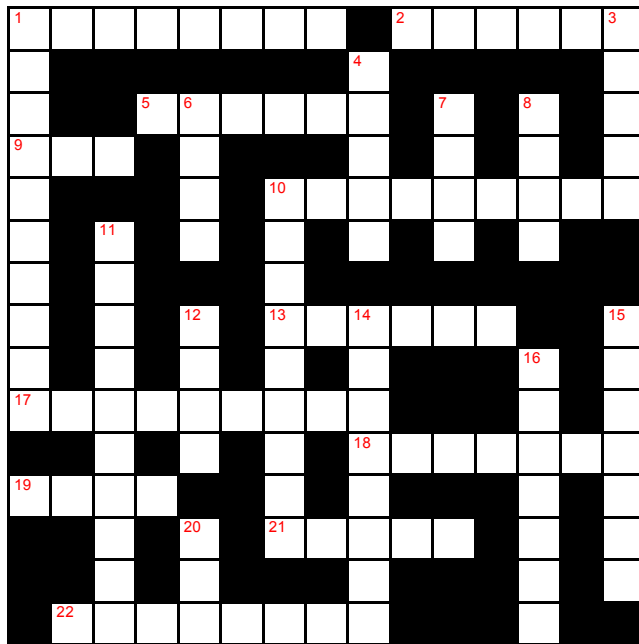


# Electrical\_systems\_15x15\_2008-10-12

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## Across

- 1 The strength of a electrical current measured in amperes. (8)
- 2 Mechanical device consisting of the stationary part of a motor in or around which the rotor revolves. (6)
- 5 Control that makes, breaks or changes the connections in a circuit. (6)
- 9 The force or pressure which causes current movement in an electrical circuit. (3)
- 10 An electrical device characterized by its capacity to store an electric charge. (9)
- 13 The basic unit of electric current. (6)
- 17 An electrical device containing diodes, used to convert AC to DC. (9)
- 18 An instrument used to measure the rate of

current flow in a circuit. (7)

- 19 Electrical device to which electrical power is delivered. (4)
- 21 Electrical device such that current flowing through it in one circuit can switch on and off a current in a second circuit. (5)
- 22 Point of intake or output of electric current in a battery. (8)

## Down

- 1 A generator that produces alternating current which is internally rectified to DC current before being released. (10)
- 3 The rotating armature of a motor or generator. (5)
- 4 A conductor having low resistance in parallel with another device to divert a fraction of the

current. (5)

- 6 The unit for measuring electrical power or work. (4)
- 7 Any break or lack of contact in an electrical circuit. (4)
- 8 Electrical device that can interrupt the flow of electrical current when it is overloaded. (4)
- 10 A device used to store an electrical charge. (9)
- 11 A property of an electric circuit by which an electromotive force is induced in it by a variation of current. (10)
- 12 A transformer that supplies high voltage to spark plugs in a gasoline engine. (4)
- 14 An electrical circuit in which all positive terminals are joined through one wire, and all negative terminals through another wire. (8)

15 The flow of electricity in a circuit. (7)

- 16 A device that produces electricity by converting chemical energy. (7)
- 20 A unit of measurement of electrical resistance. (3)