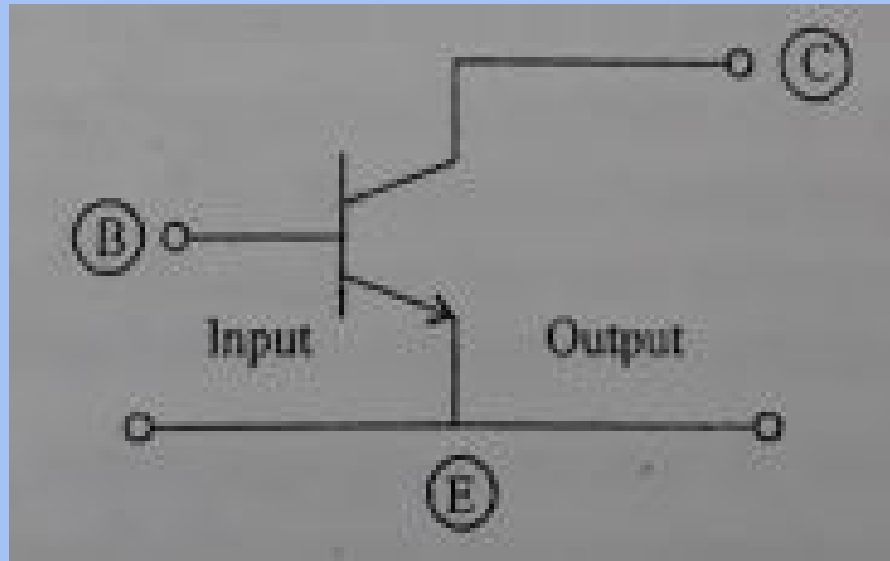


Common Emitter Configuration of Transistor

Elementrix Classes

Common Emitter Configuration of Transistor

In this configuration, emitter is common to input and output circuit.



Current amplification factor (β): It is defined as the change in collector current to the change in base current at constant collector emitter voltage V_{CE} .

$$\beta_{ac} = \left. \frac{\Delta I_C}{\Delta I_B} \right|_{V_{CE} = \text{constant}}$$

If only dc values are considered,

$$\beta_{dc} = \frac{I_C}{I_B}$$

पढ़िए और पढ़ाइये

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