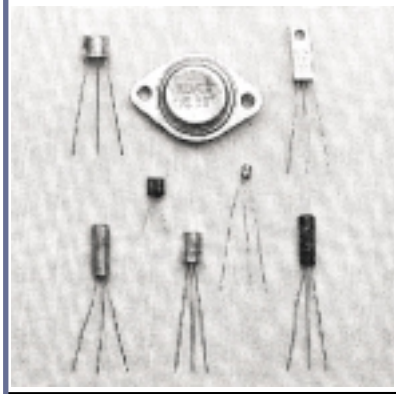
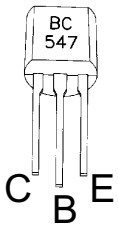
Typenblatt Transistor

1. Aufbau:





C _____

B _____

E _____

2. Vorteile gegenüber dem Relais:

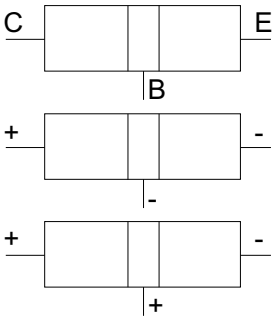
_____

_____

_____

_____

3. Wirkungsweise:

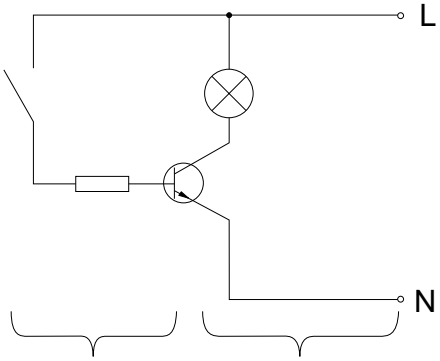


_____

_____

_____

4. Grundschaltung - als Schalter:

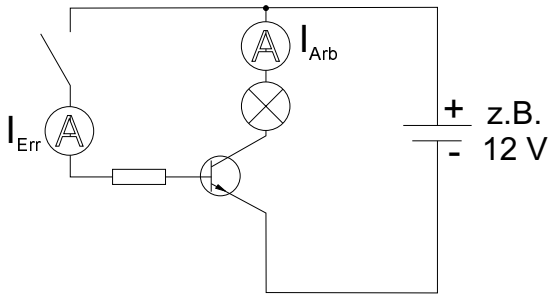


_____ _____

Stromkreis Stromkreis

z.B. _____ V _____ V

5. Stromverstärkung eines Transistors:



Meßwerte: I_{Err} = _____

I_{Arb} = _____

Stromverstärkung = $\frac{I_{Arb}}{I_{Err}}$ = _____ = _____

6. Nachteil eines Transistors:

_____

_____

_____

_____

_____

_____