

Op de tast...
elektriciteit



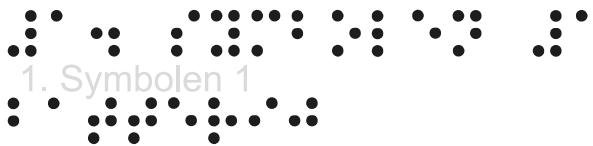
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Bij deze tekeningenband
hoort gelijknamige uitleg
in braille of Edu-tekst

Dedicon, 2019 versie 01

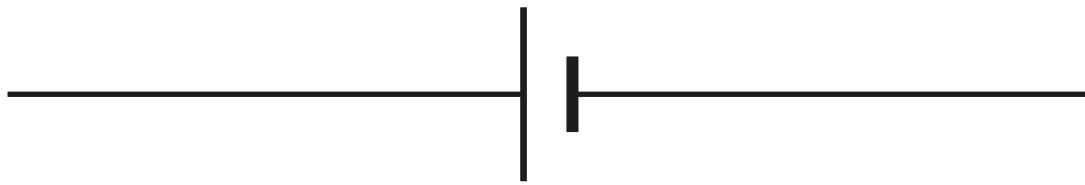
328528_1

Dit is een inzage-exemplaar. Kopiëren en vermenigvuldigen is niet toegestaan.
Deze tekening komt uit een Op de Tast boek, uitsluitend te bestellen door of
voor leerlingen met een visuele beperking op <https://educatief.dedicon.nl>



1. Symbolen 1

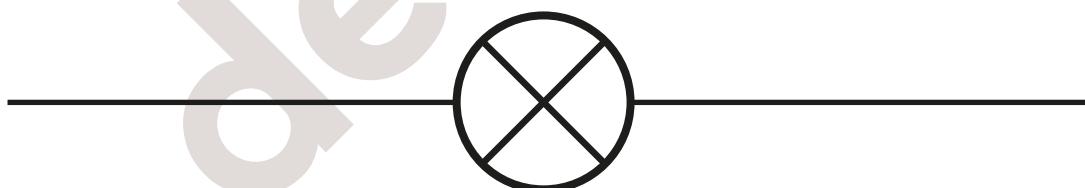
Batterij



Andere spanningsbron

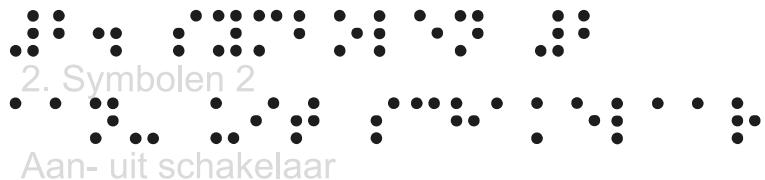


Lamp



Weerstand





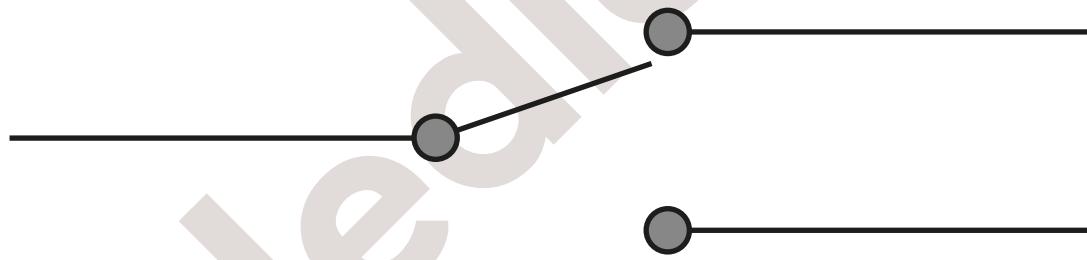
Aan- uit schakelaar



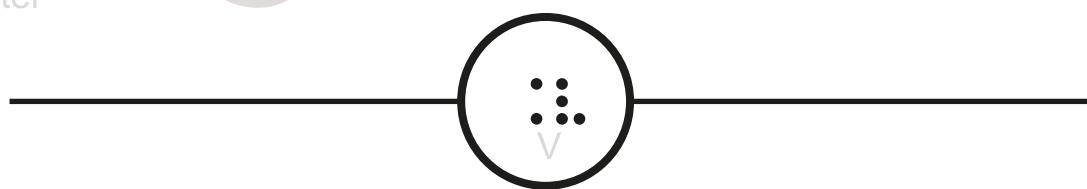
Drukschakelaar



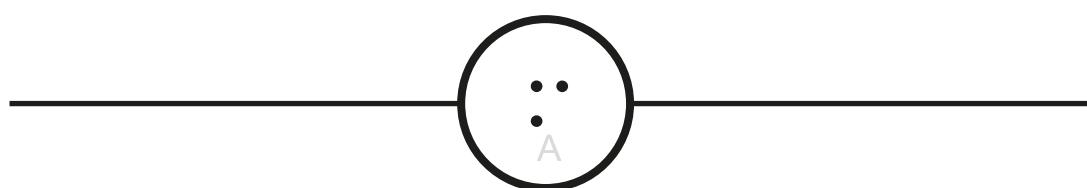
Wisselschakelaar/tweewegschakelaar



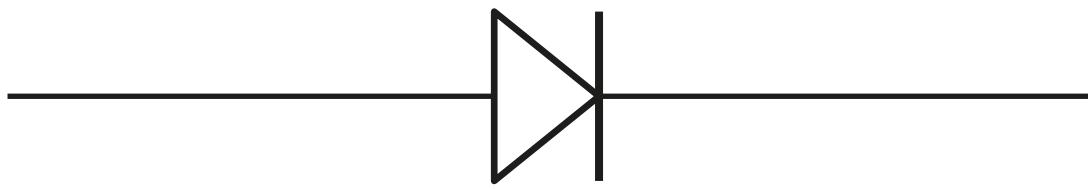
Voltmeter



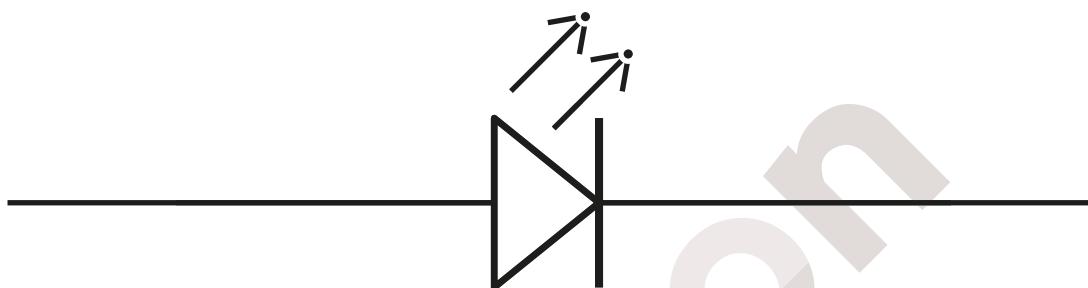
Ampèremeter



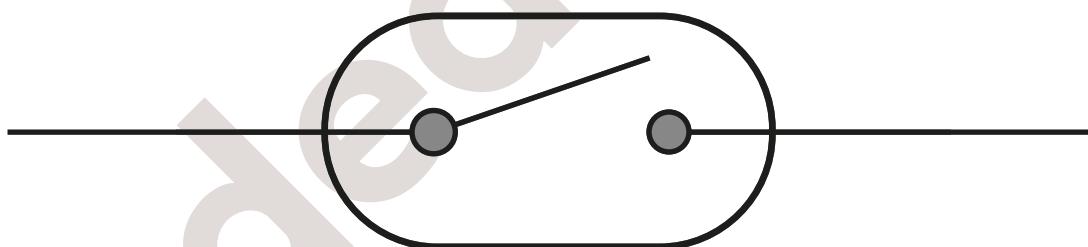
3. Symbolen 3
Diode



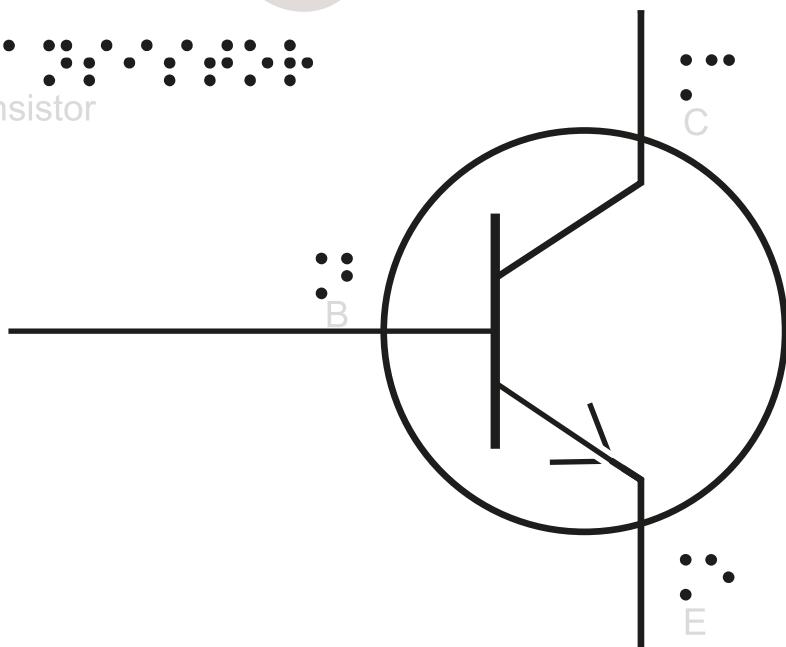
LED



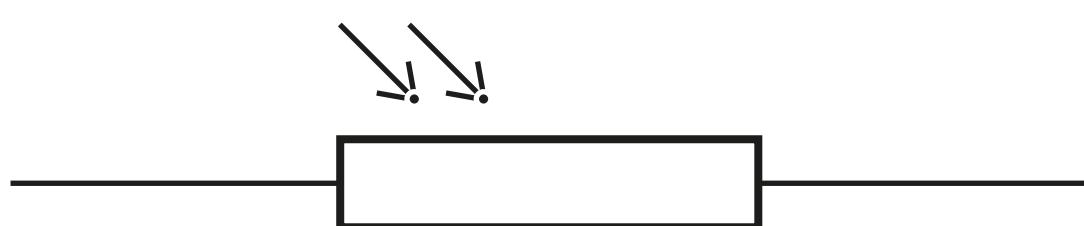
Reedcontact



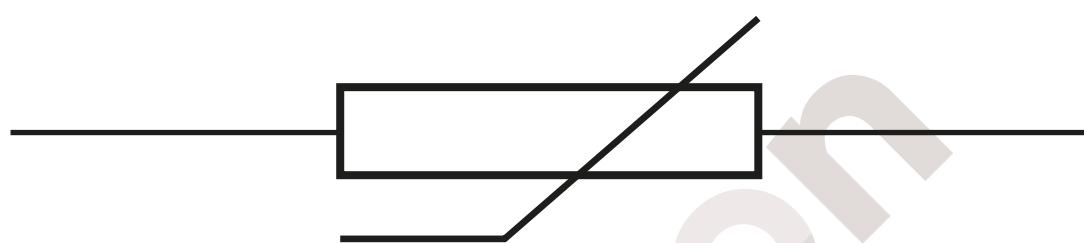
Transistor



4. Symbolen 4
LDR



NTC



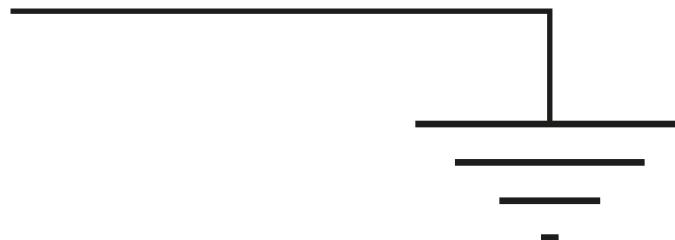
Variabele weerstand



Condensator



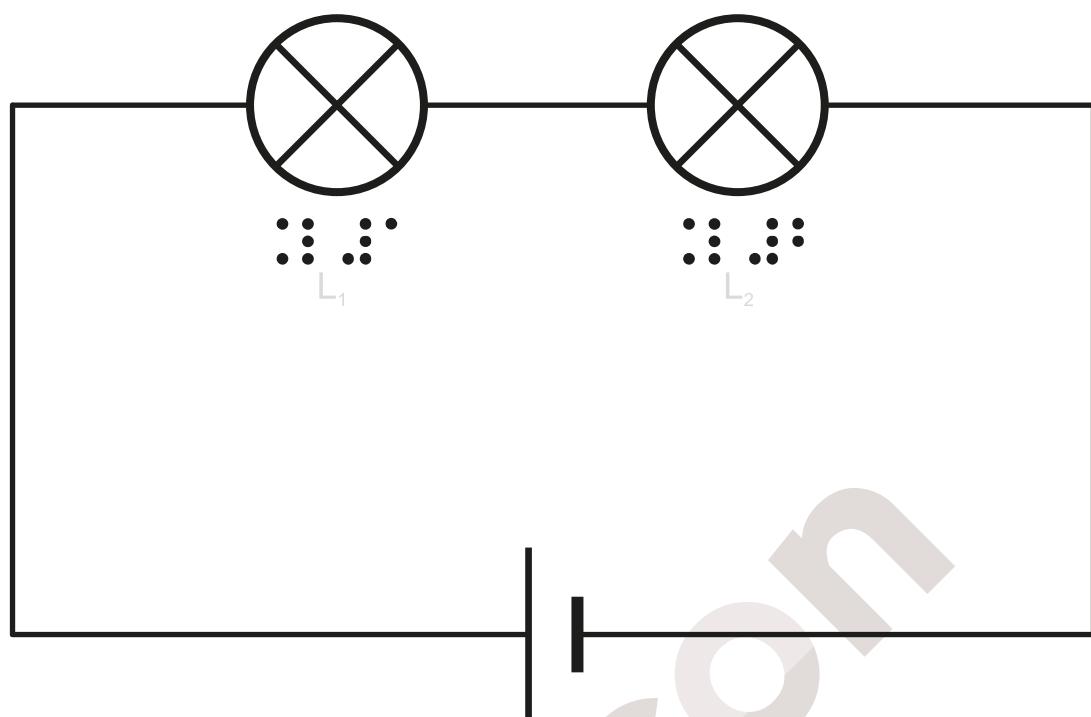
Aarde



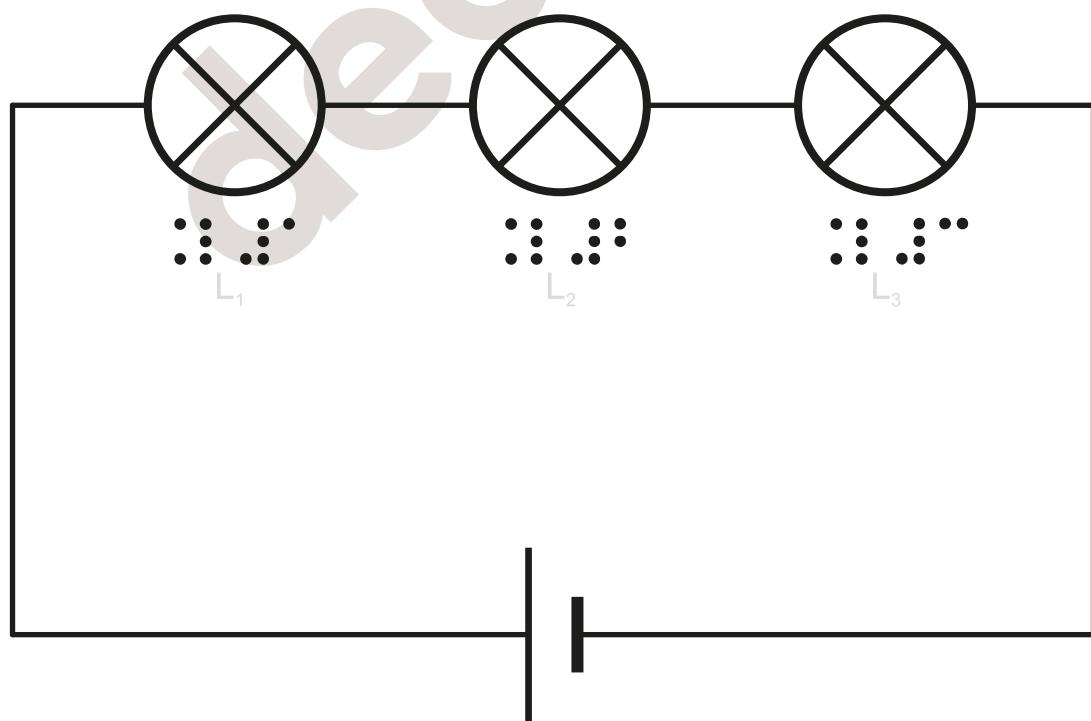


5. Serieschakelingen

a

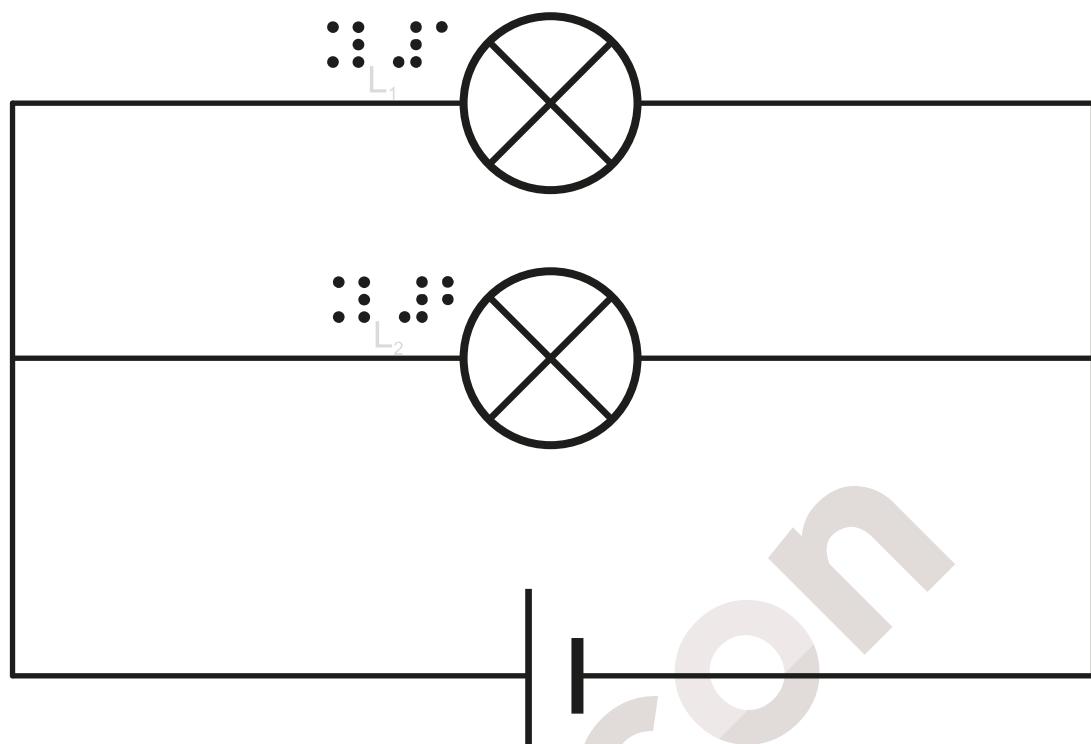


b

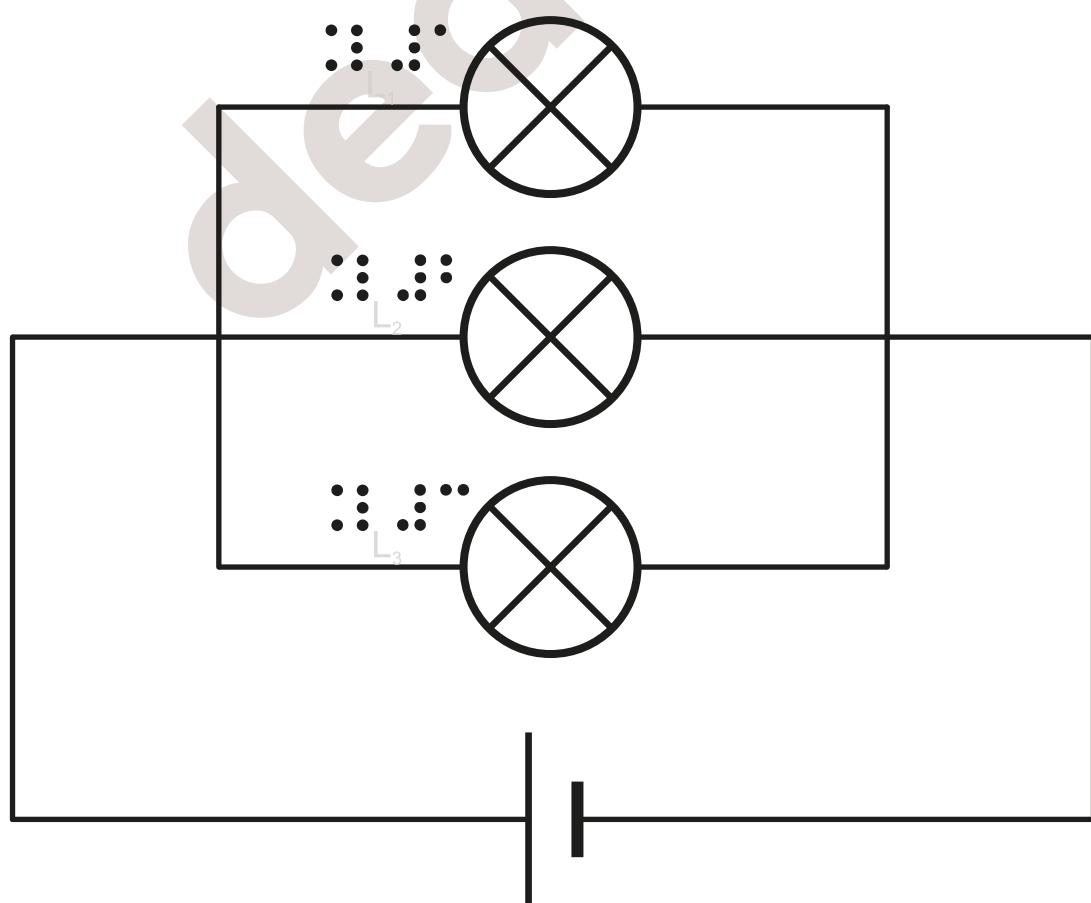


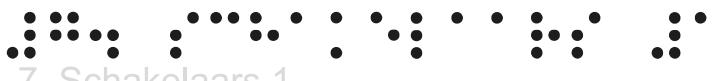
6. Parallelschakelingen

a



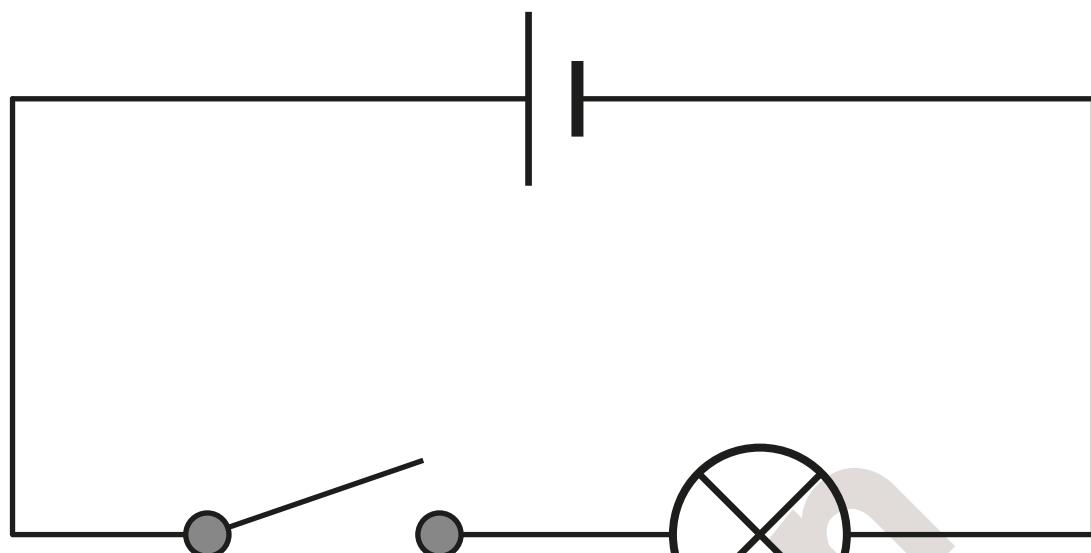
b



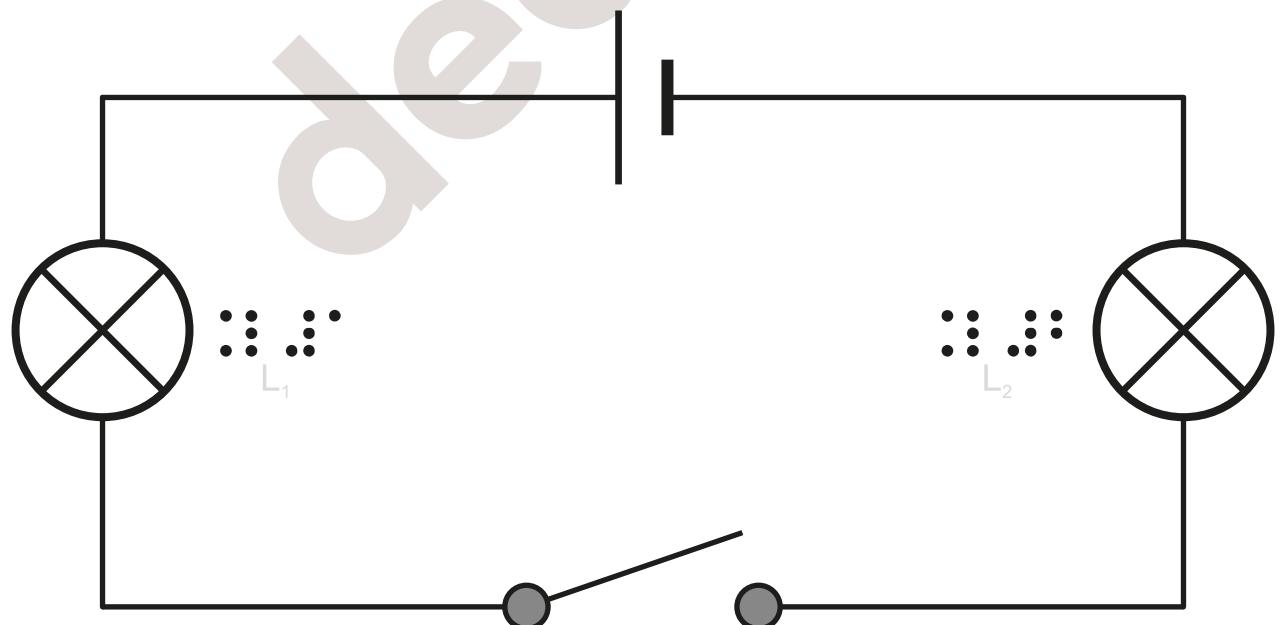


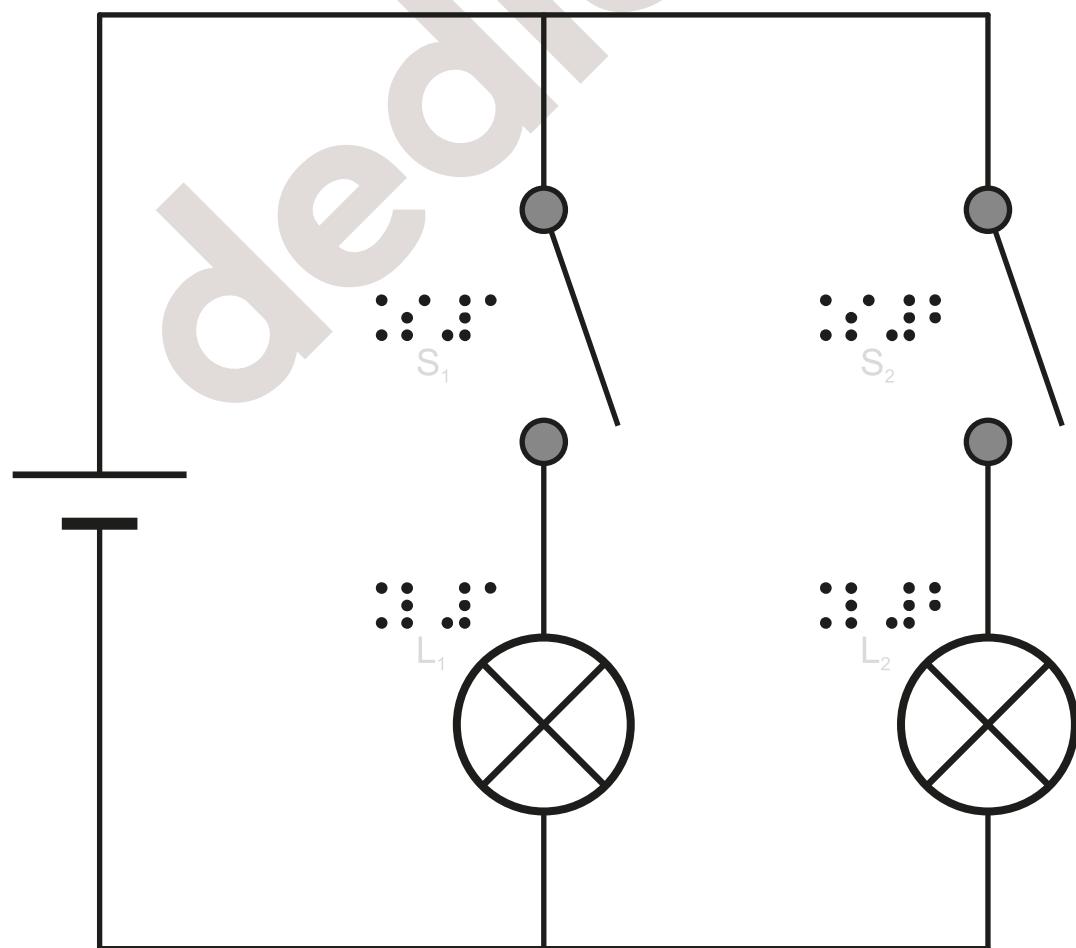
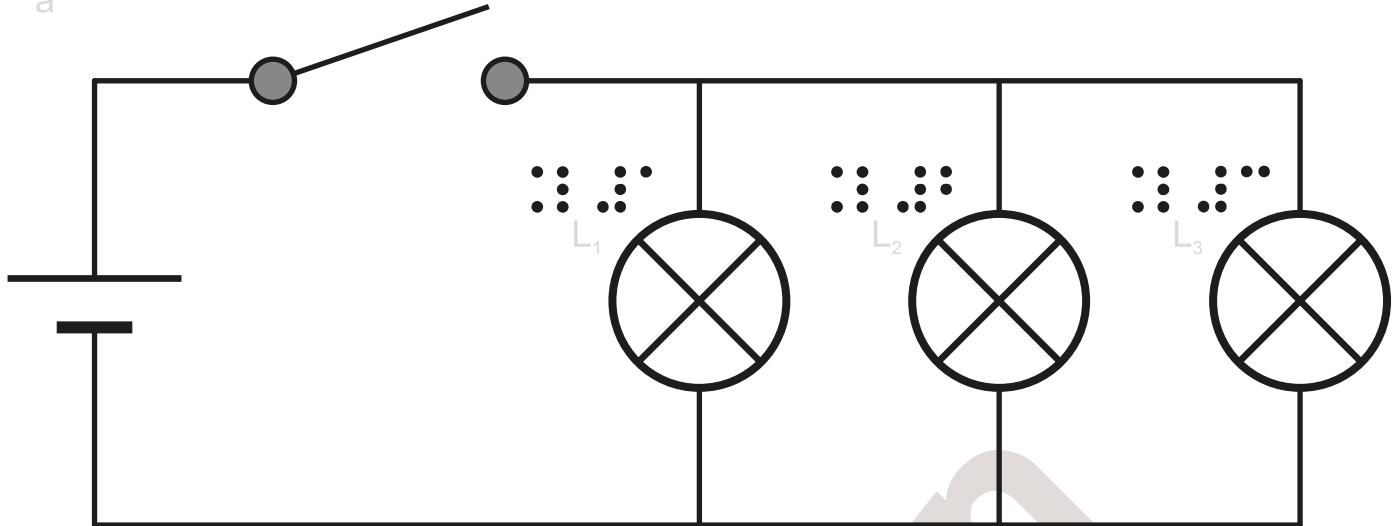
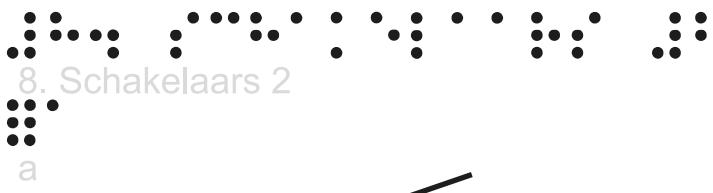
7. Schakelaars 1

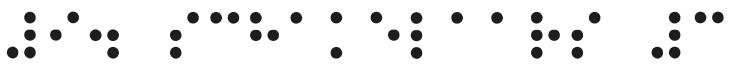
a



b

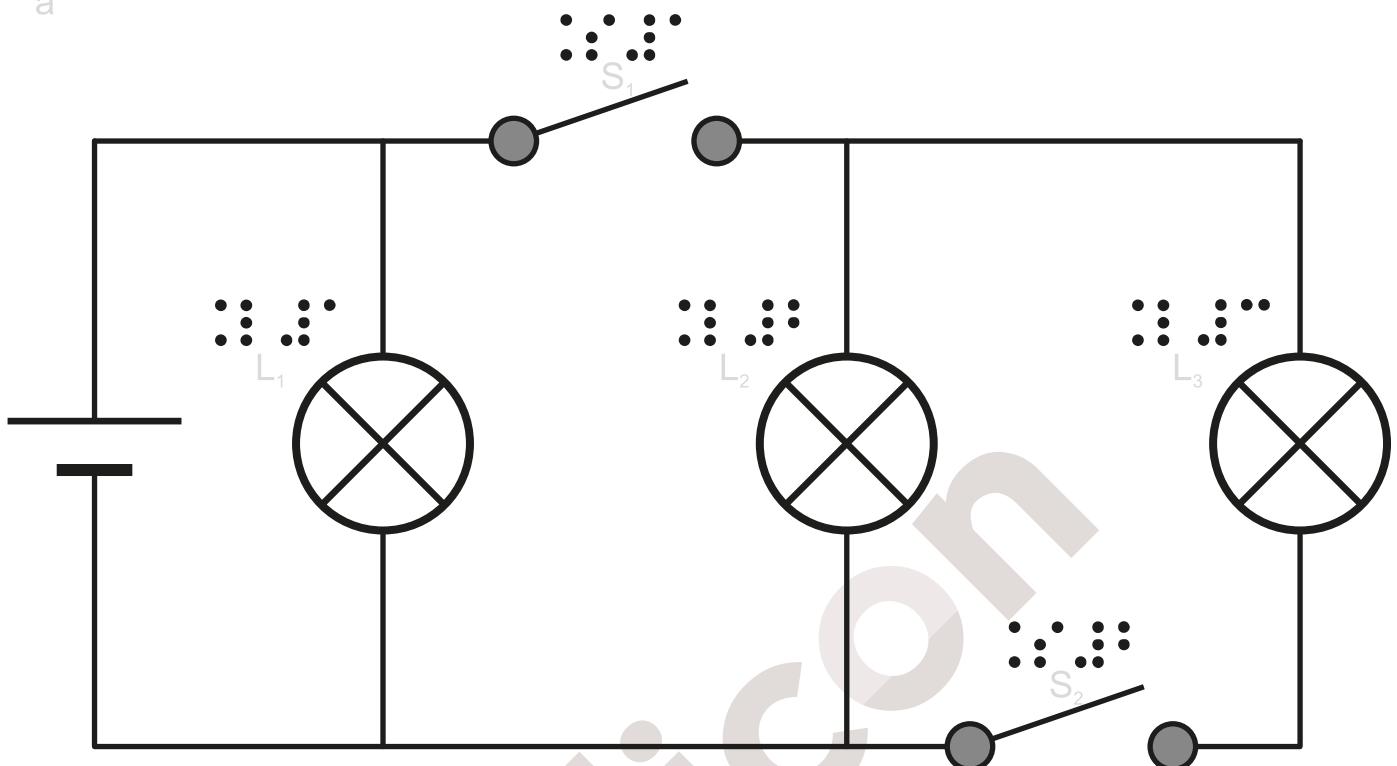




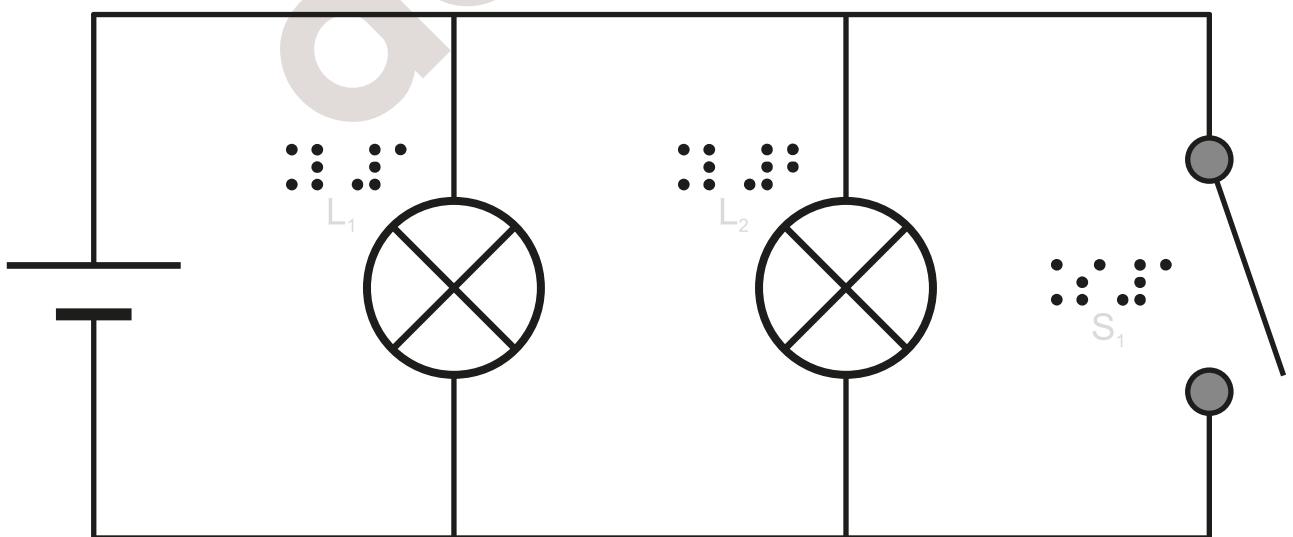


9. Schakelaars 3

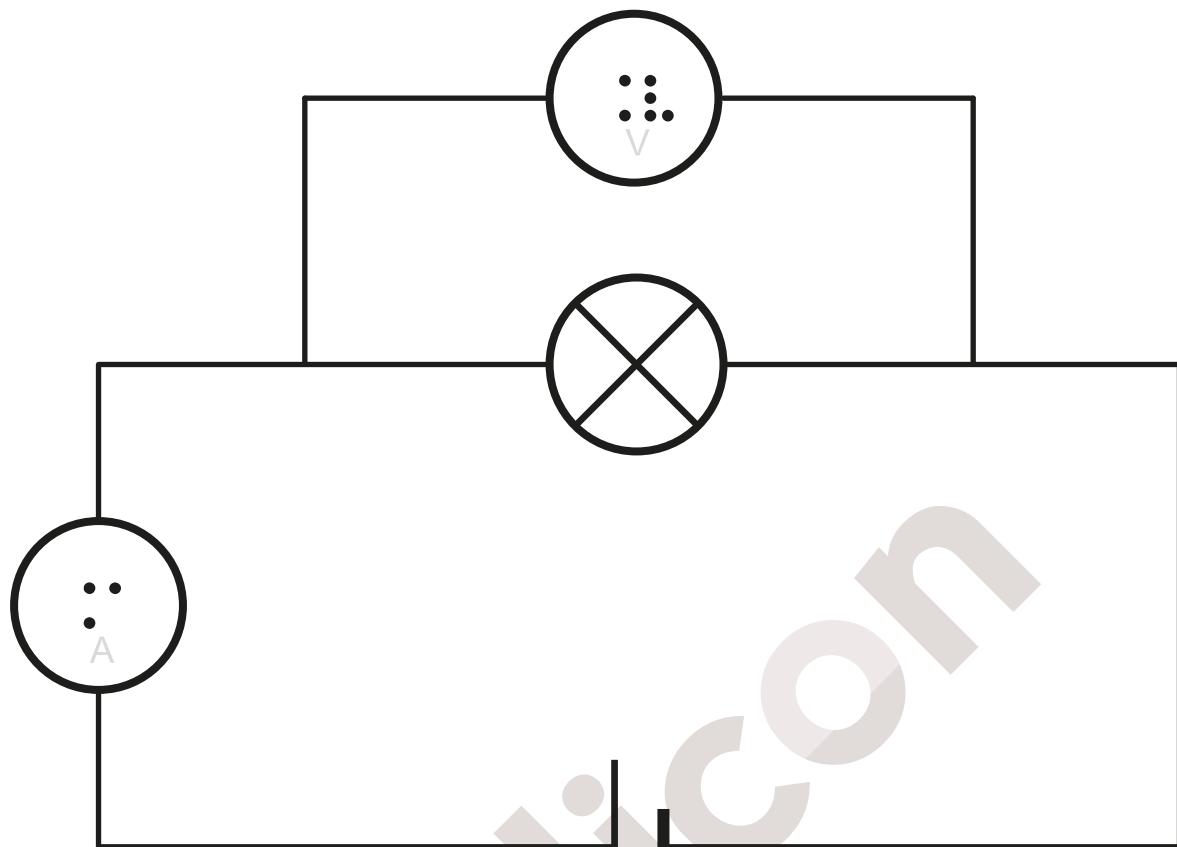
a



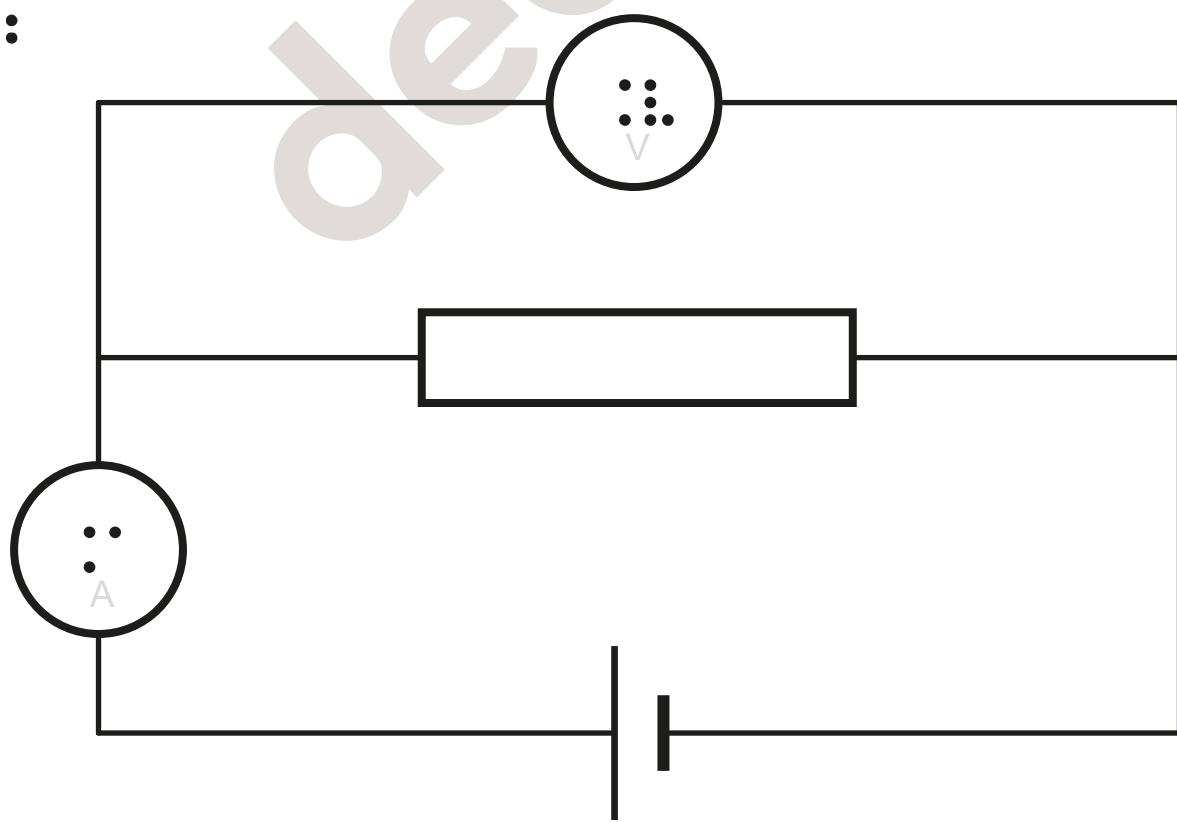
b

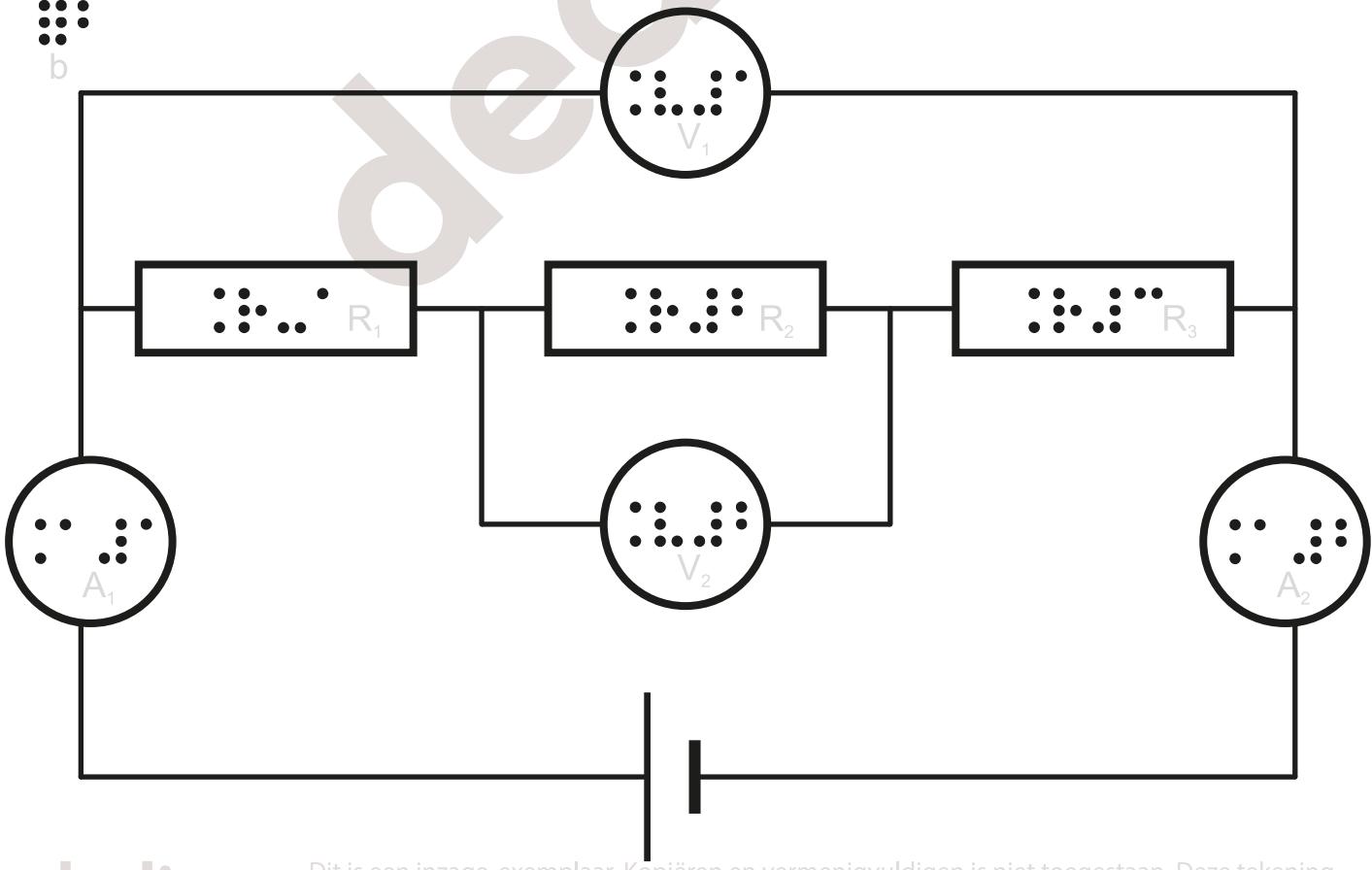
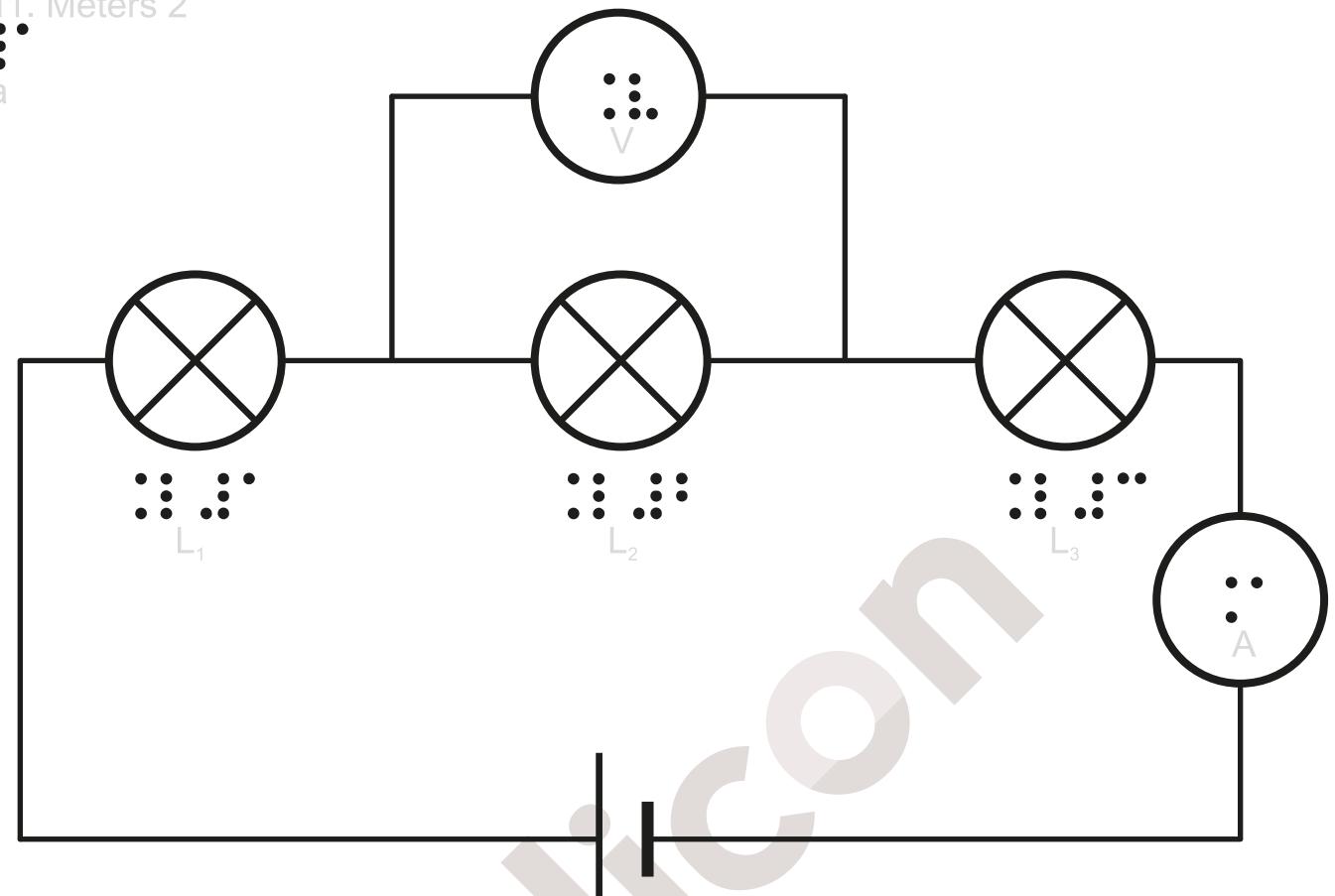
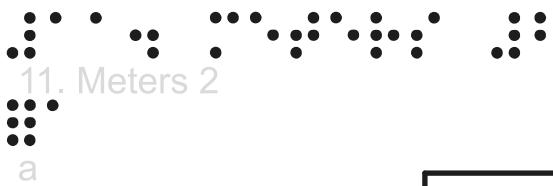


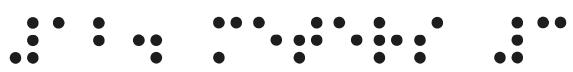
J... ··· ··· ··· J
10. Meters 1
a



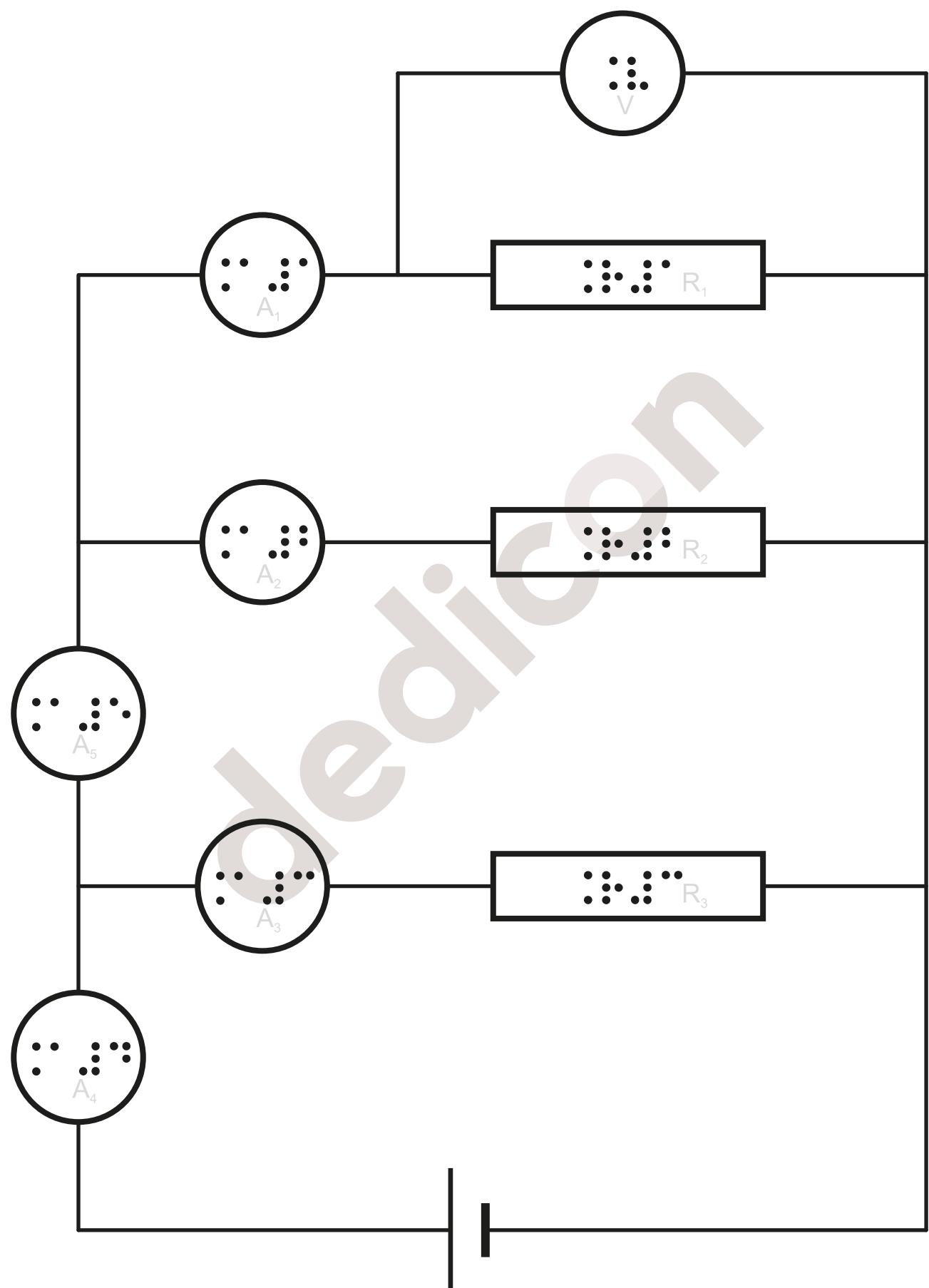
b





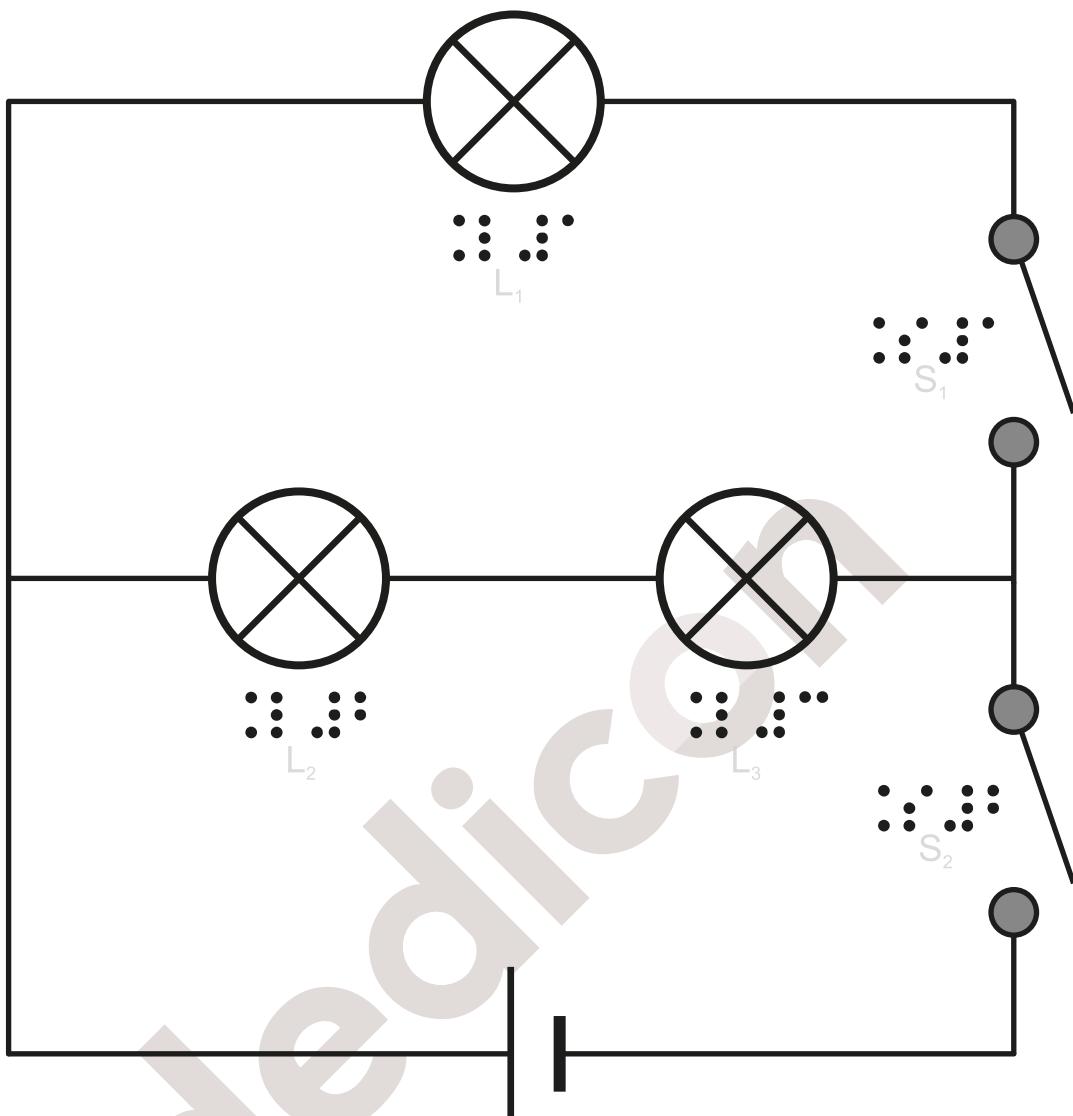


12. Meters 3



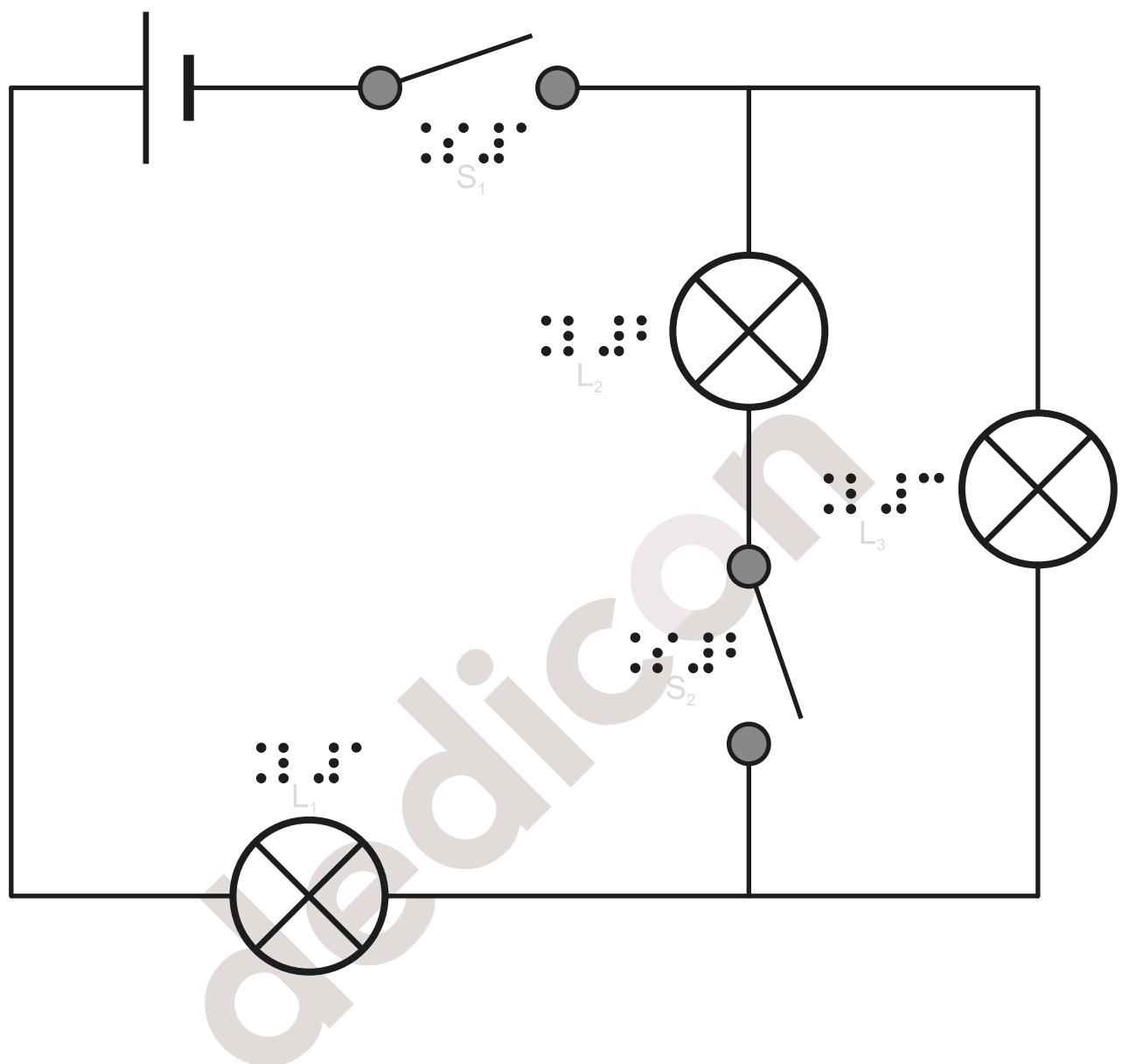


13. Gecombineerde schakelingen 1





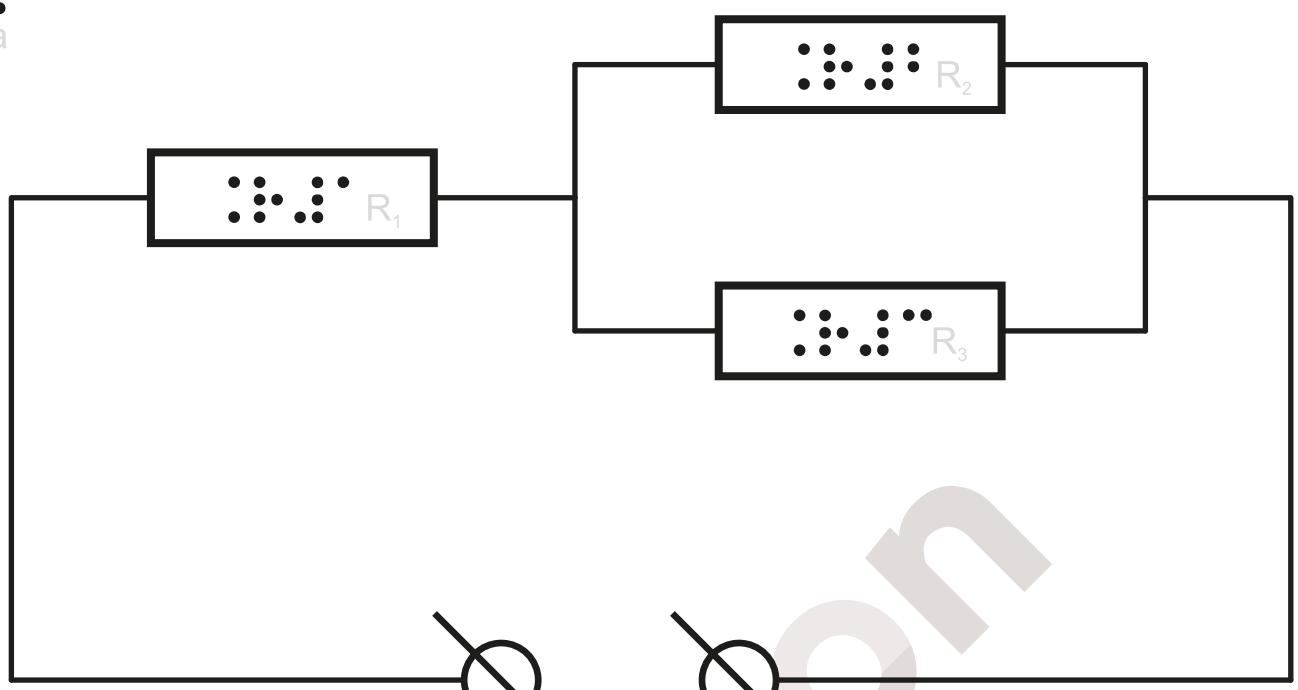
14. Gecombineerde schakelingen 2



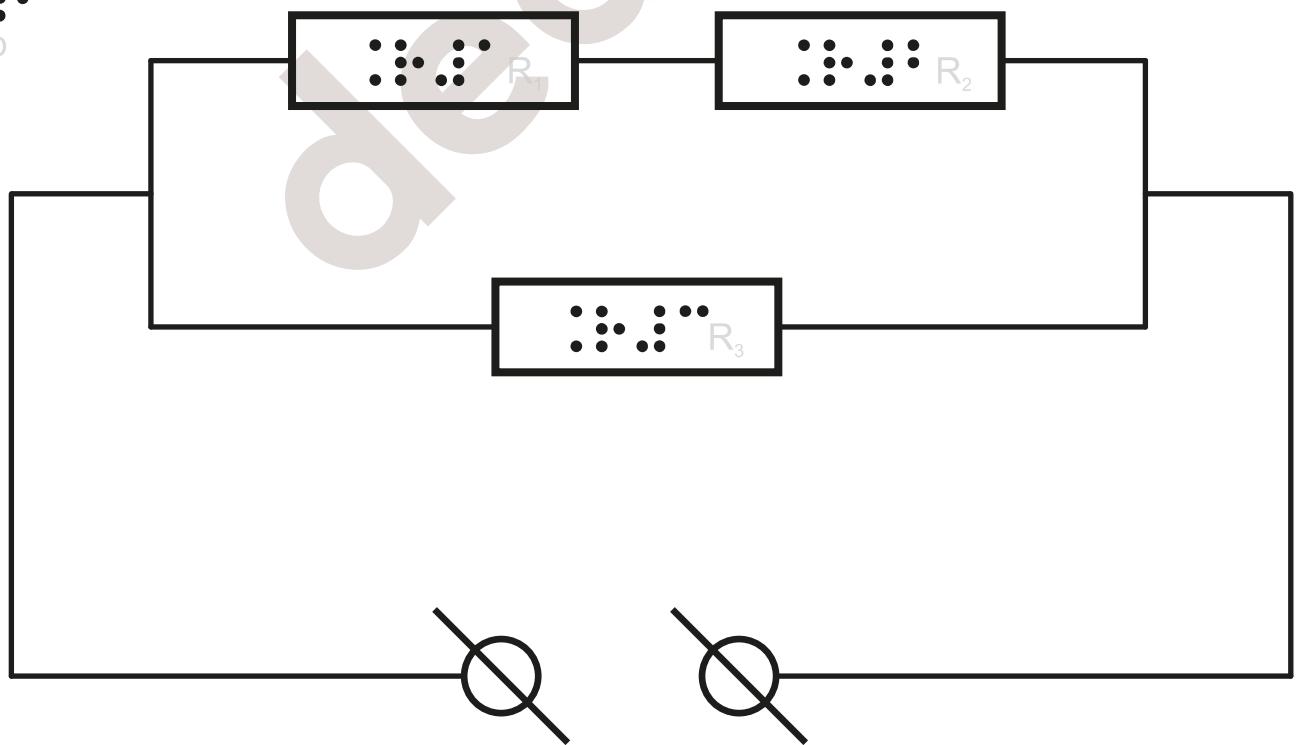


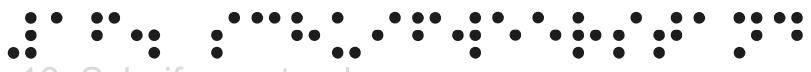
15. Gecombineerde schakelingen 3

a



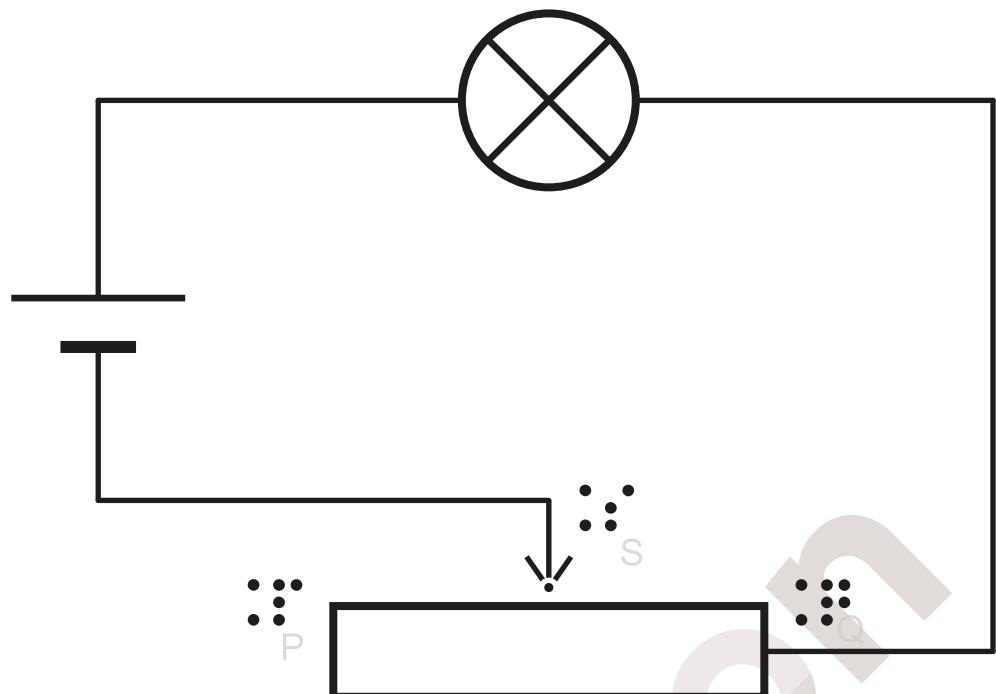
b



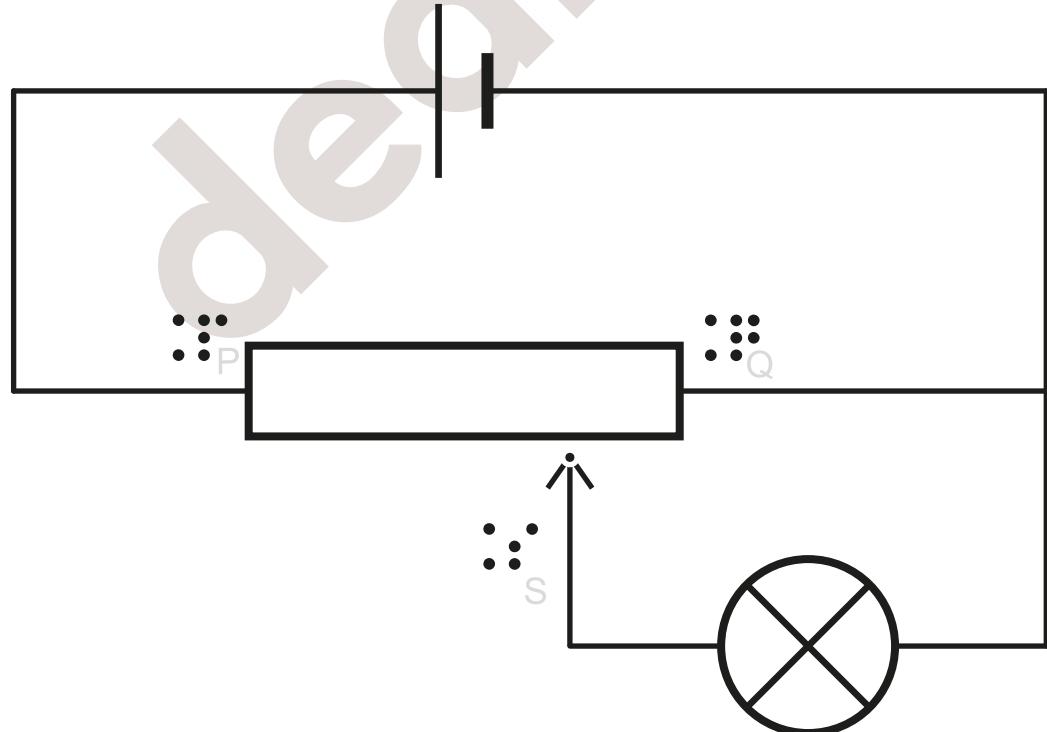


16. Schuifweerstand

a



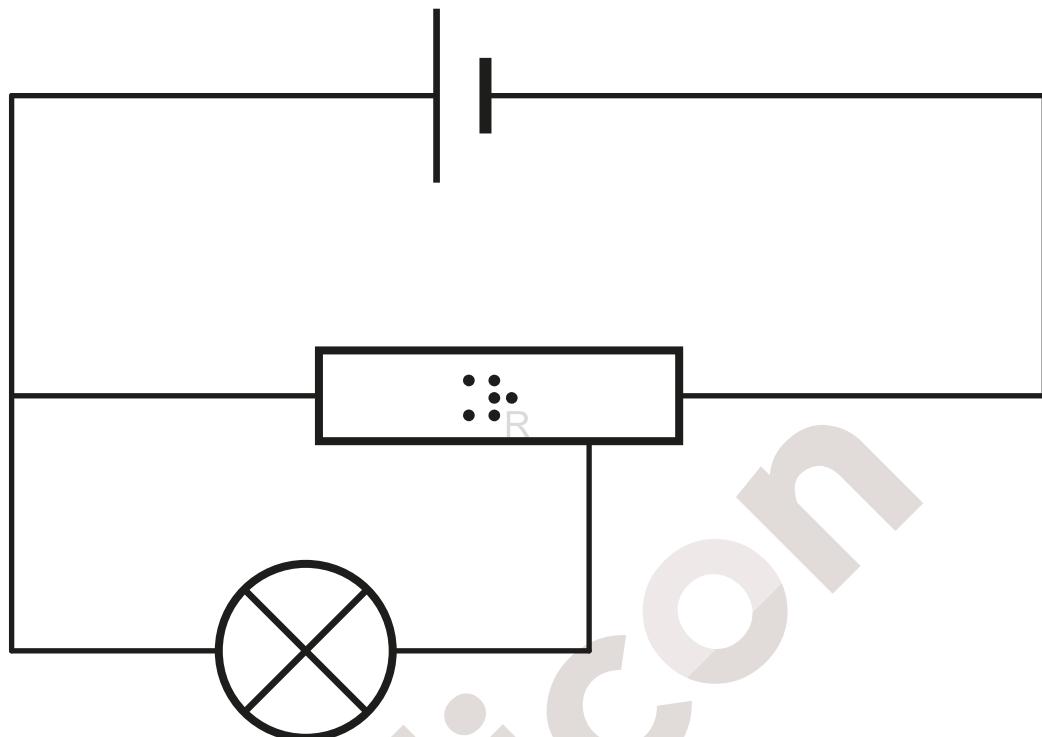
b



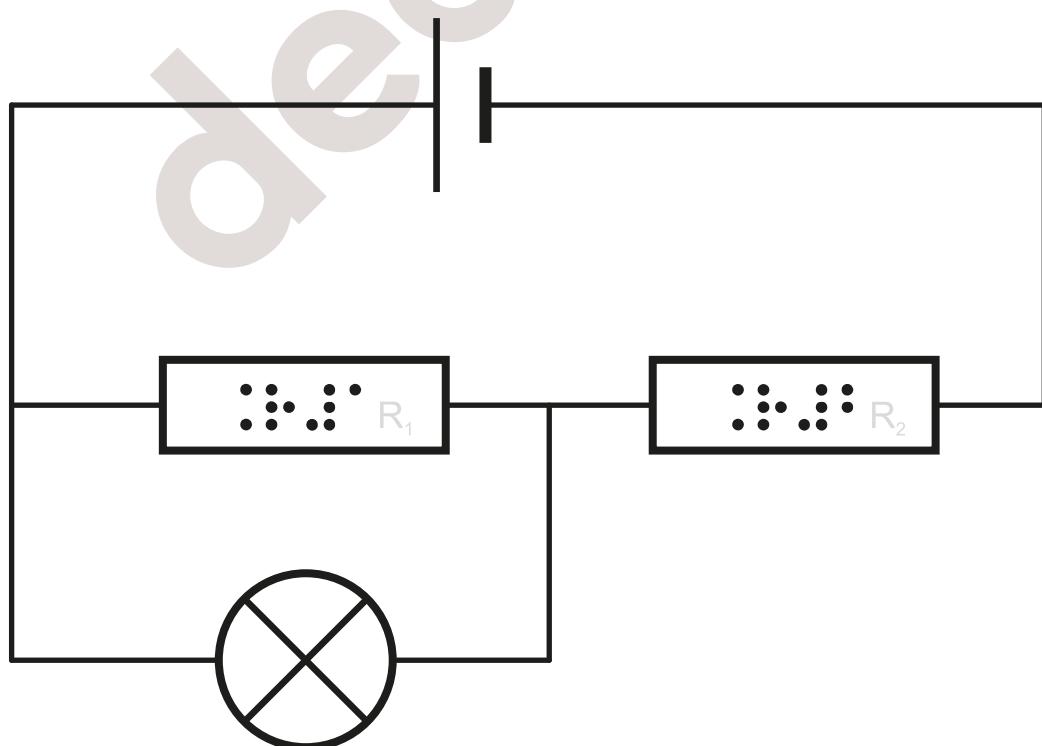
J. Schuifweerstand als spanningsdeler

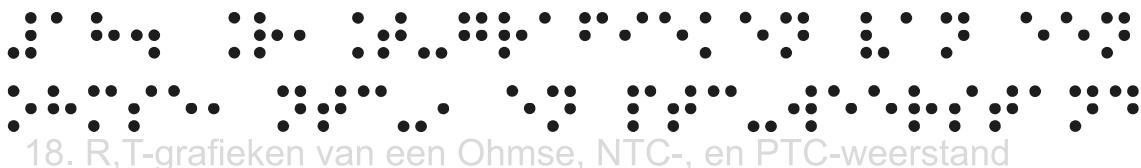
17. Schuifweerstand als spanningsdeler

a



b





18. R,T-grafieken van een Ohmse, NTC-, en PTC-weerstand

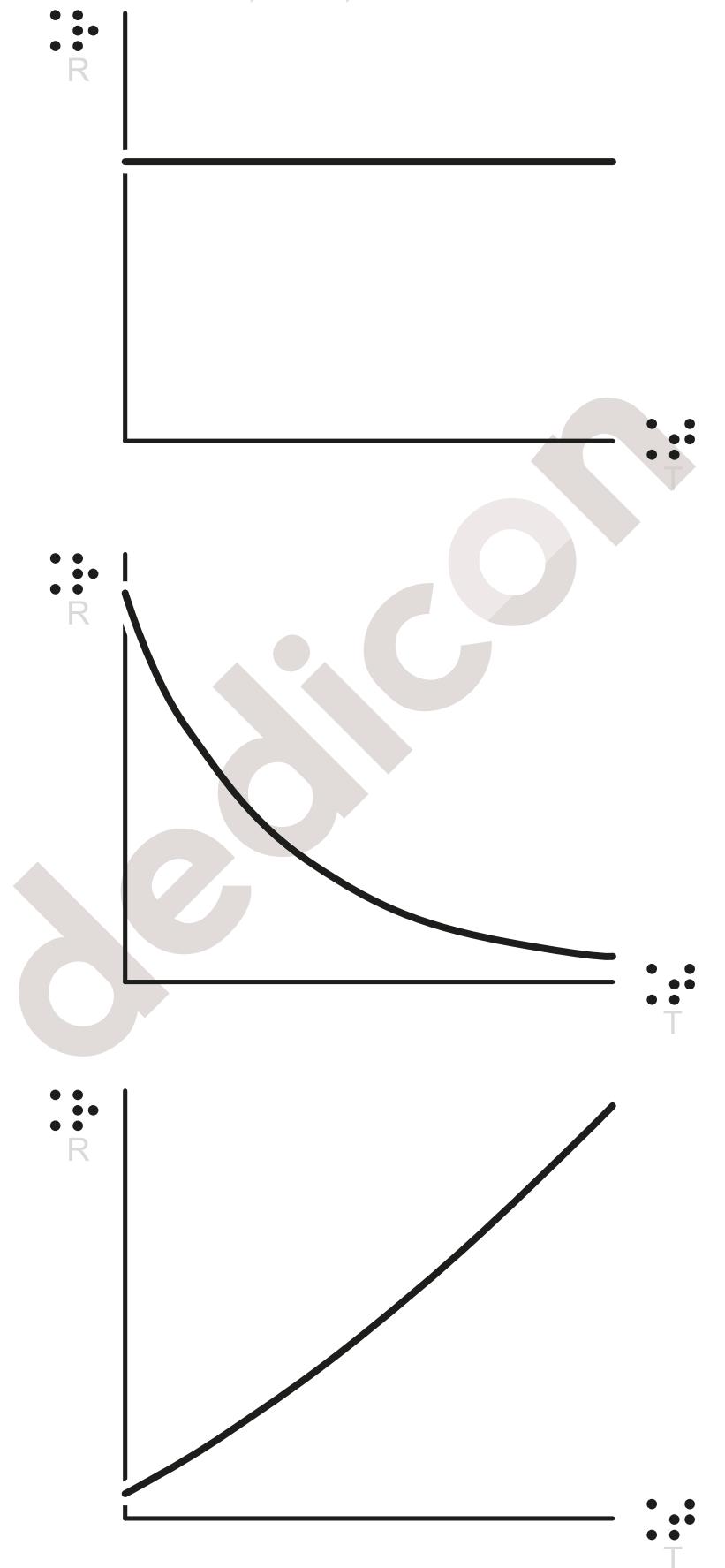
Ohms

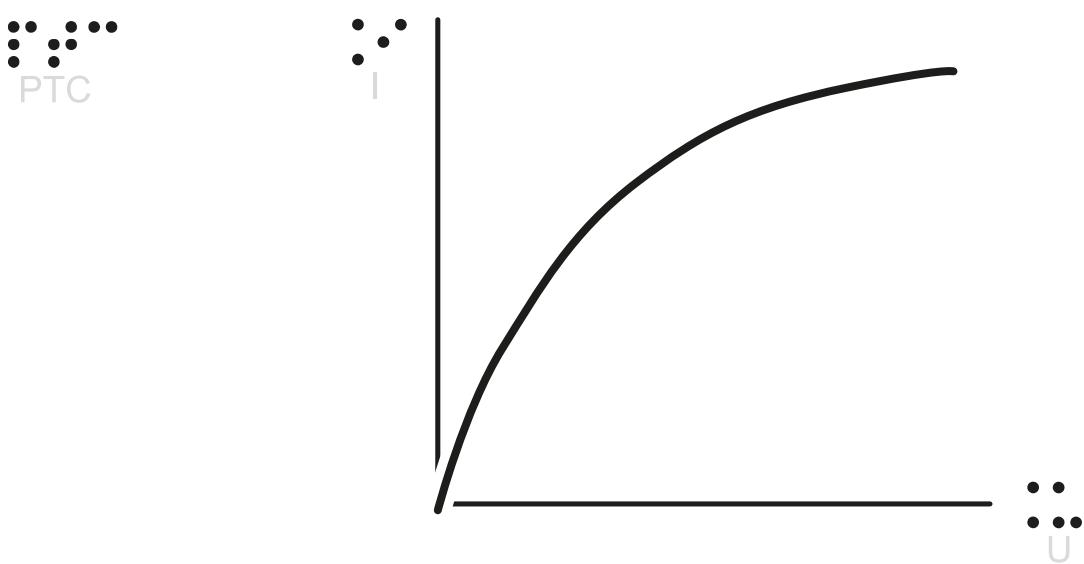
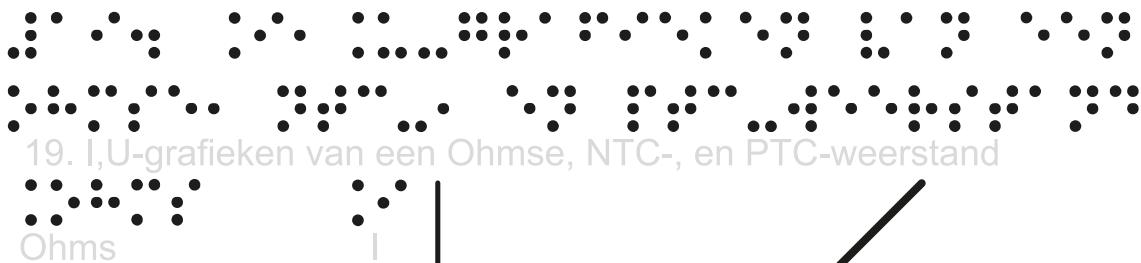


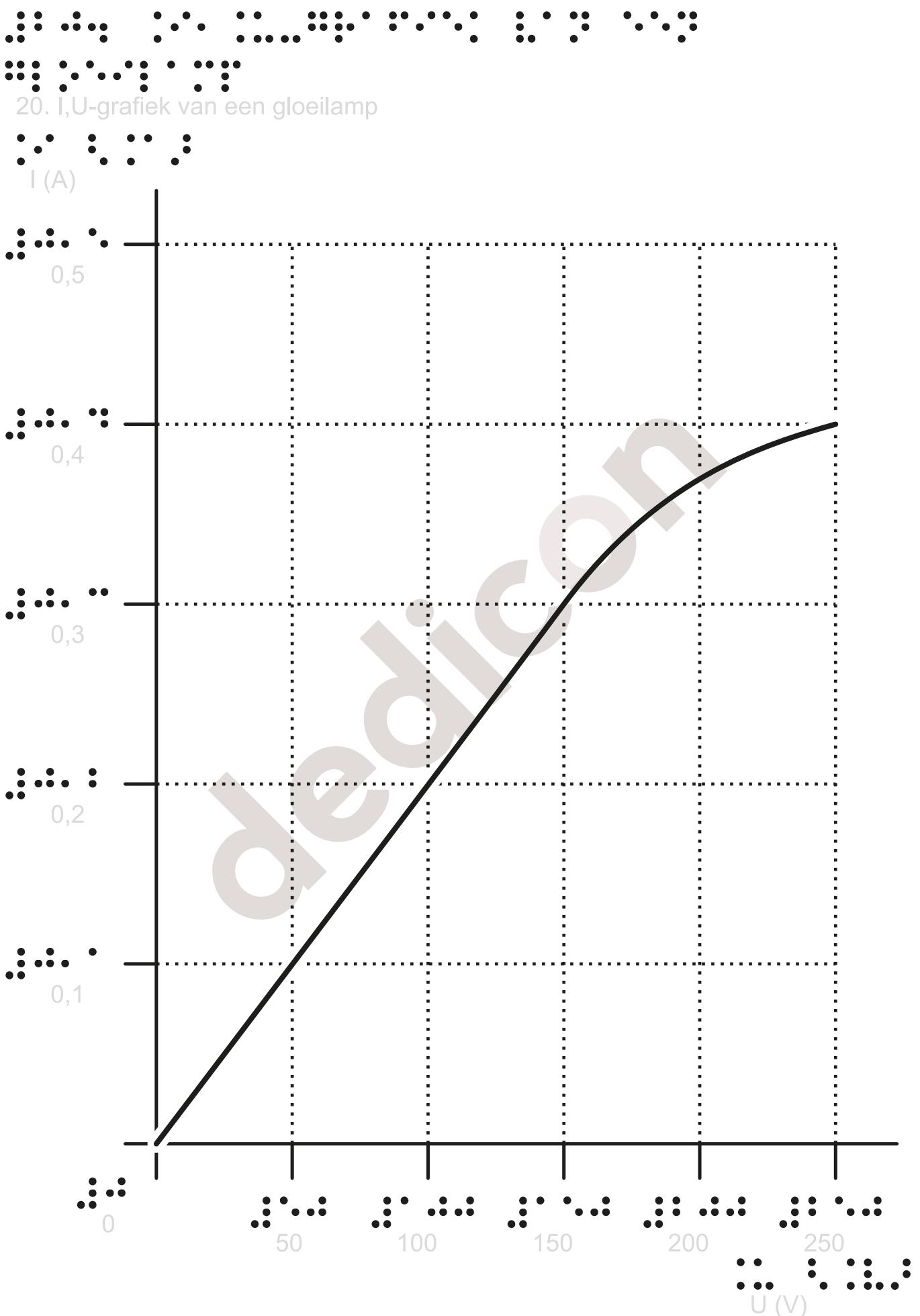
NTC

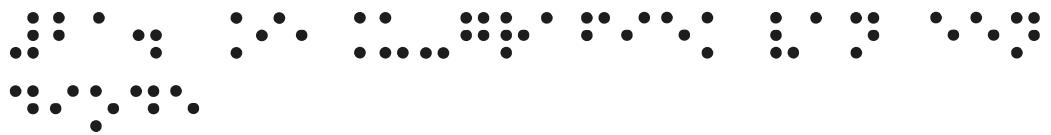


PTC

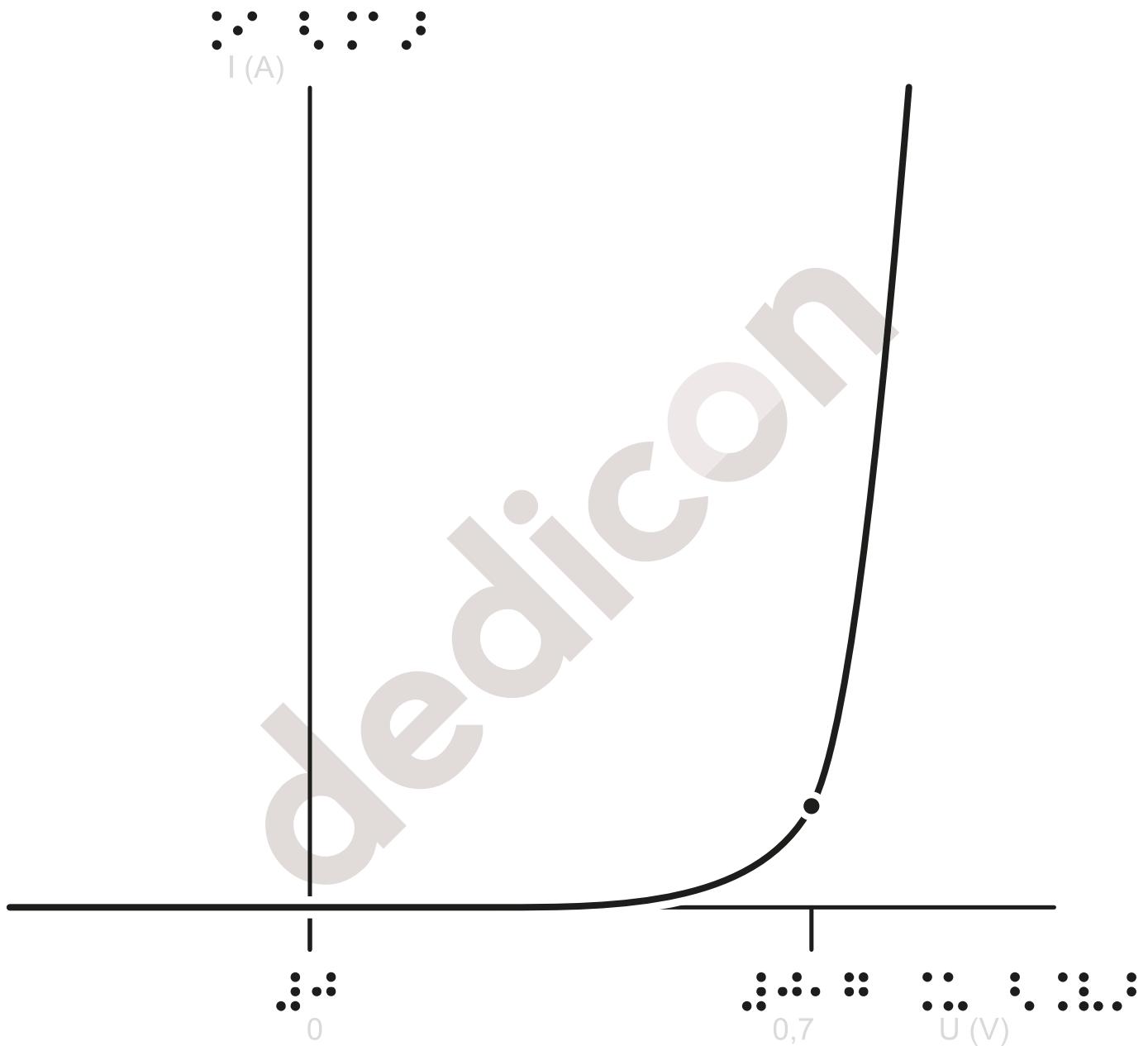


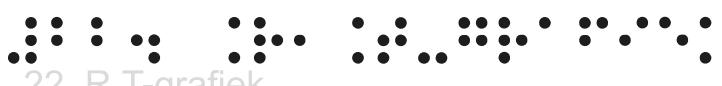






21. I,U-grafiek van een diode





22. R,T-grafiek

R (Ω)

10

8

6

4

2

0

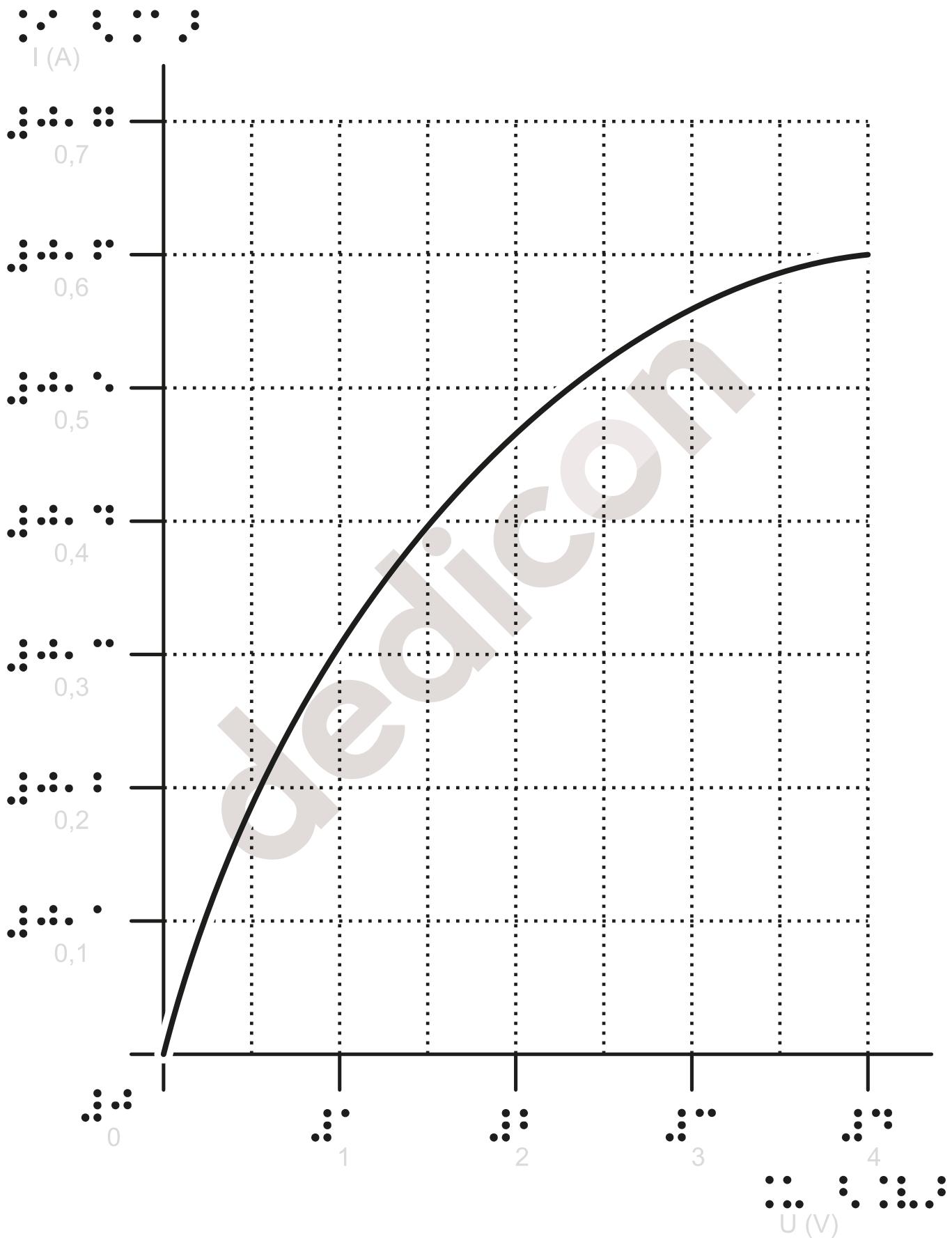
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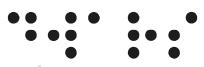
20

30

40

T ($^{\circ}\text{C}$)



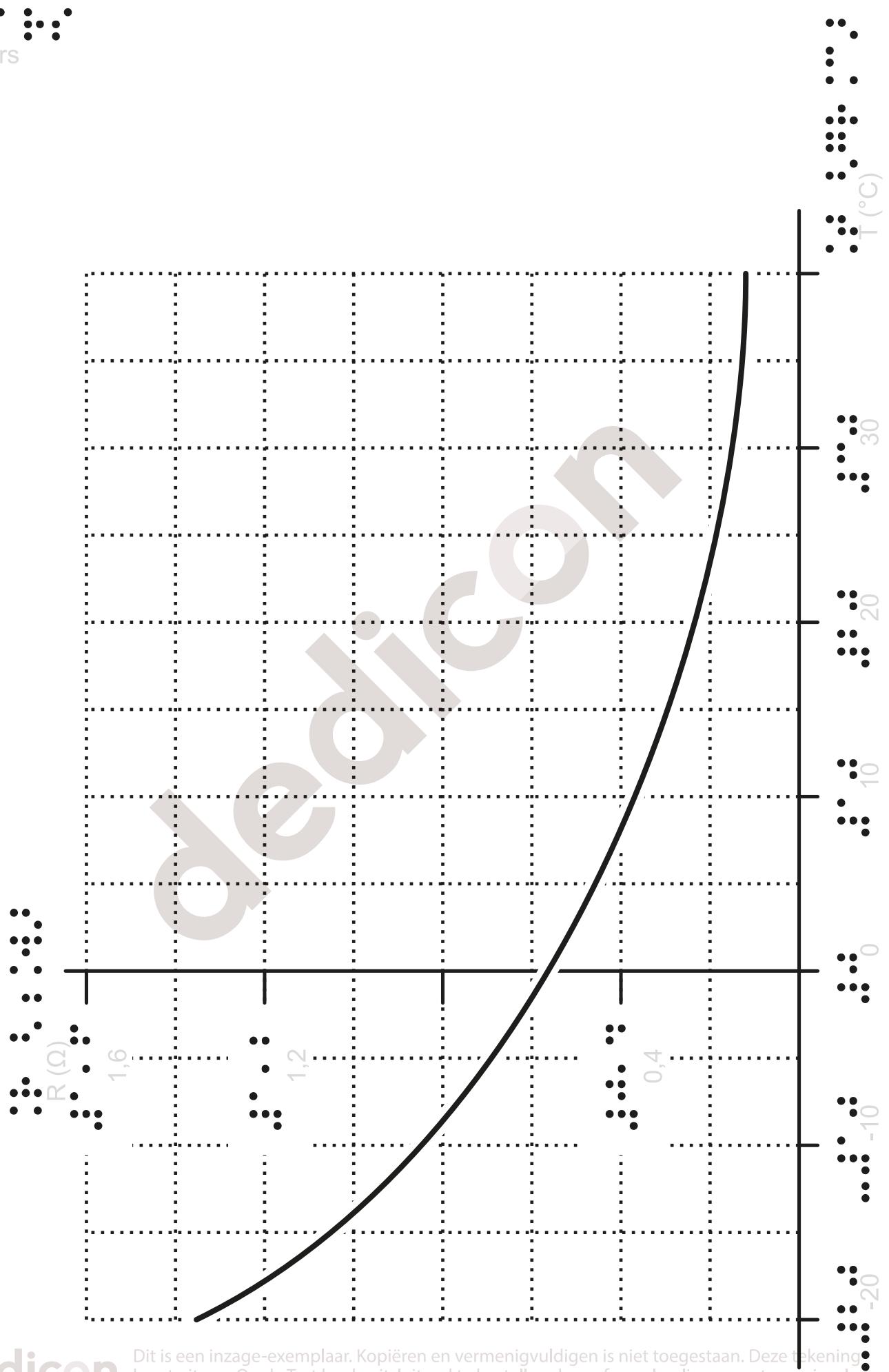


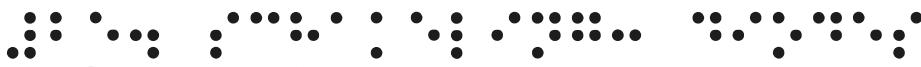
dwars

24. R-T-grafiek van een temperatuursensor

24. R-T-grafiek van een temperatuursensor

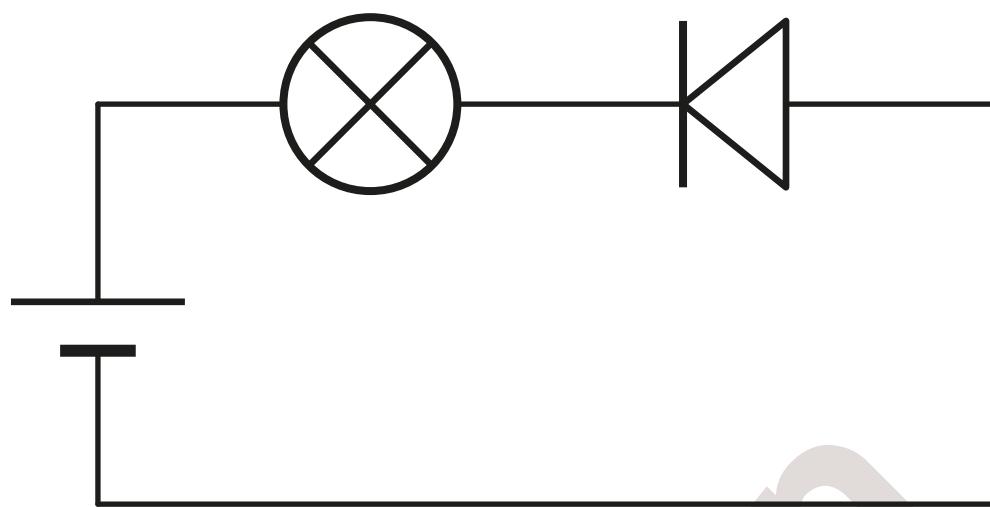
Dit is een inzage-exemplaar. Kopiëren en vermenigvuldigen is niet toegestaan. Deze tekening komt uit een Op de Tast boek, uitsluitend te bestellen door of voor leerlingen met een visuele beperking op <https://educatief.dedicon.nl>



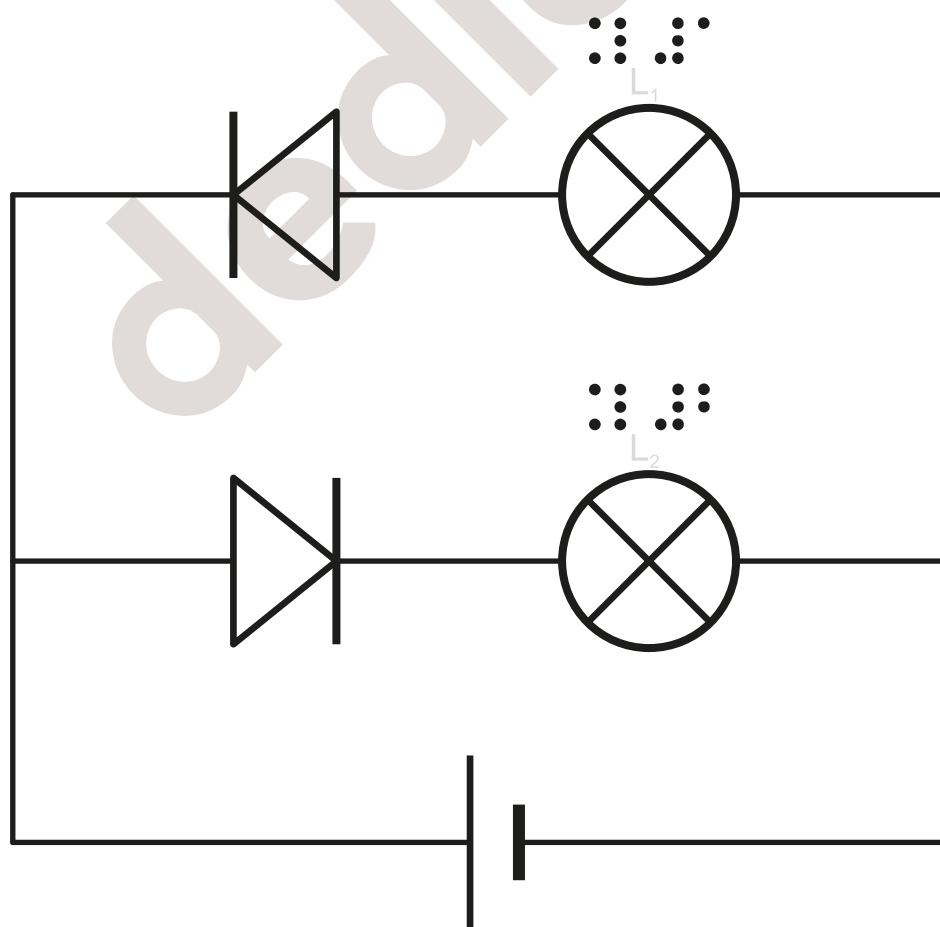


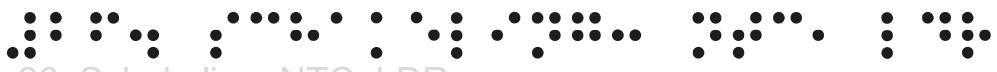
25. Schakeling: diodes

a



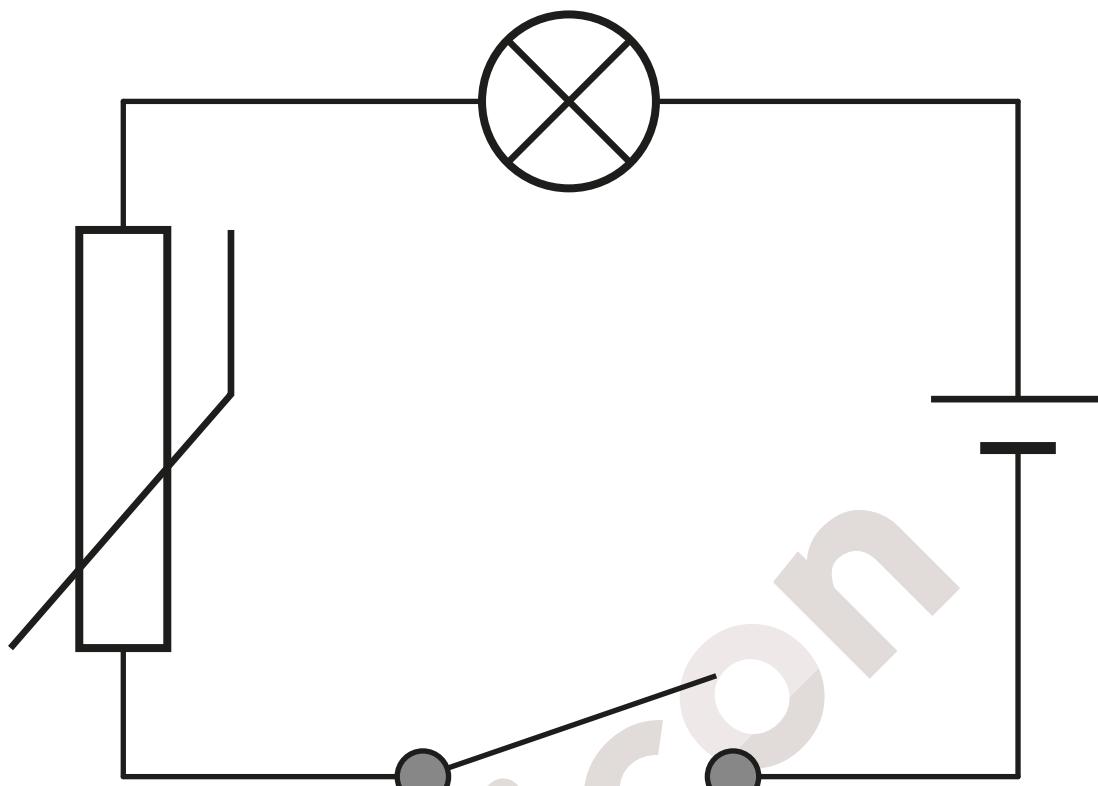
b



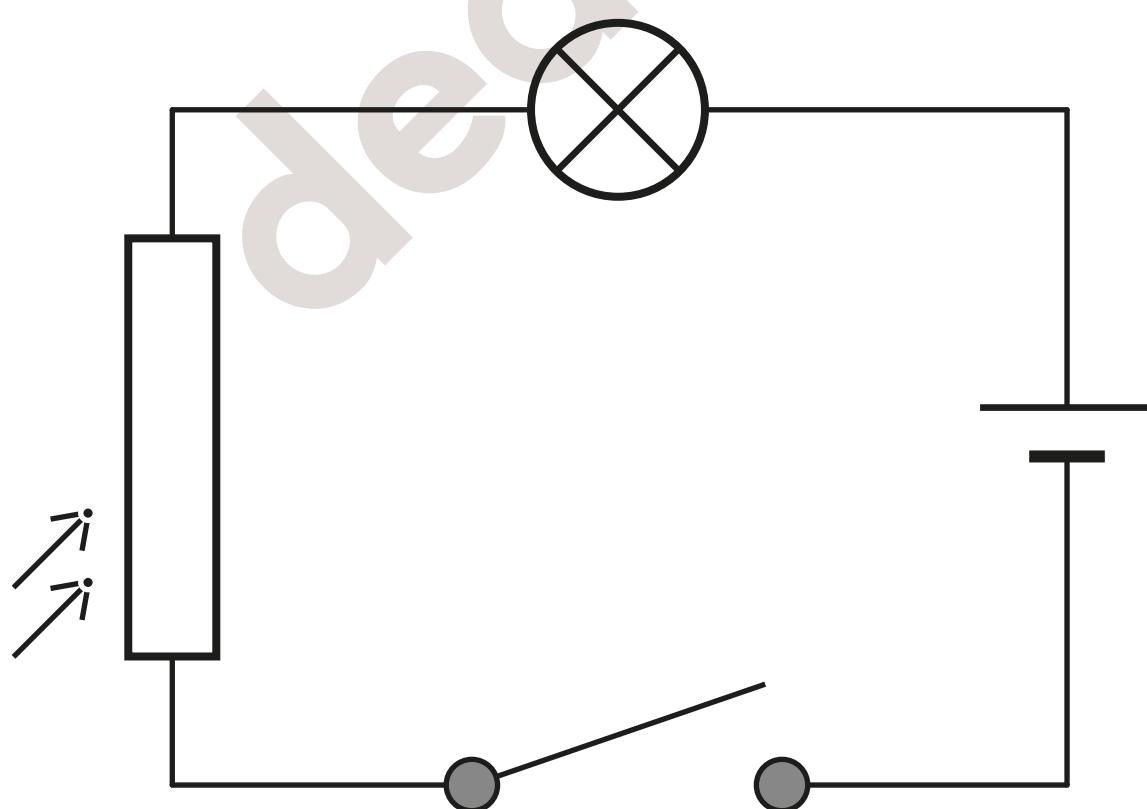


26. Schakeling: NTC, LDR

a

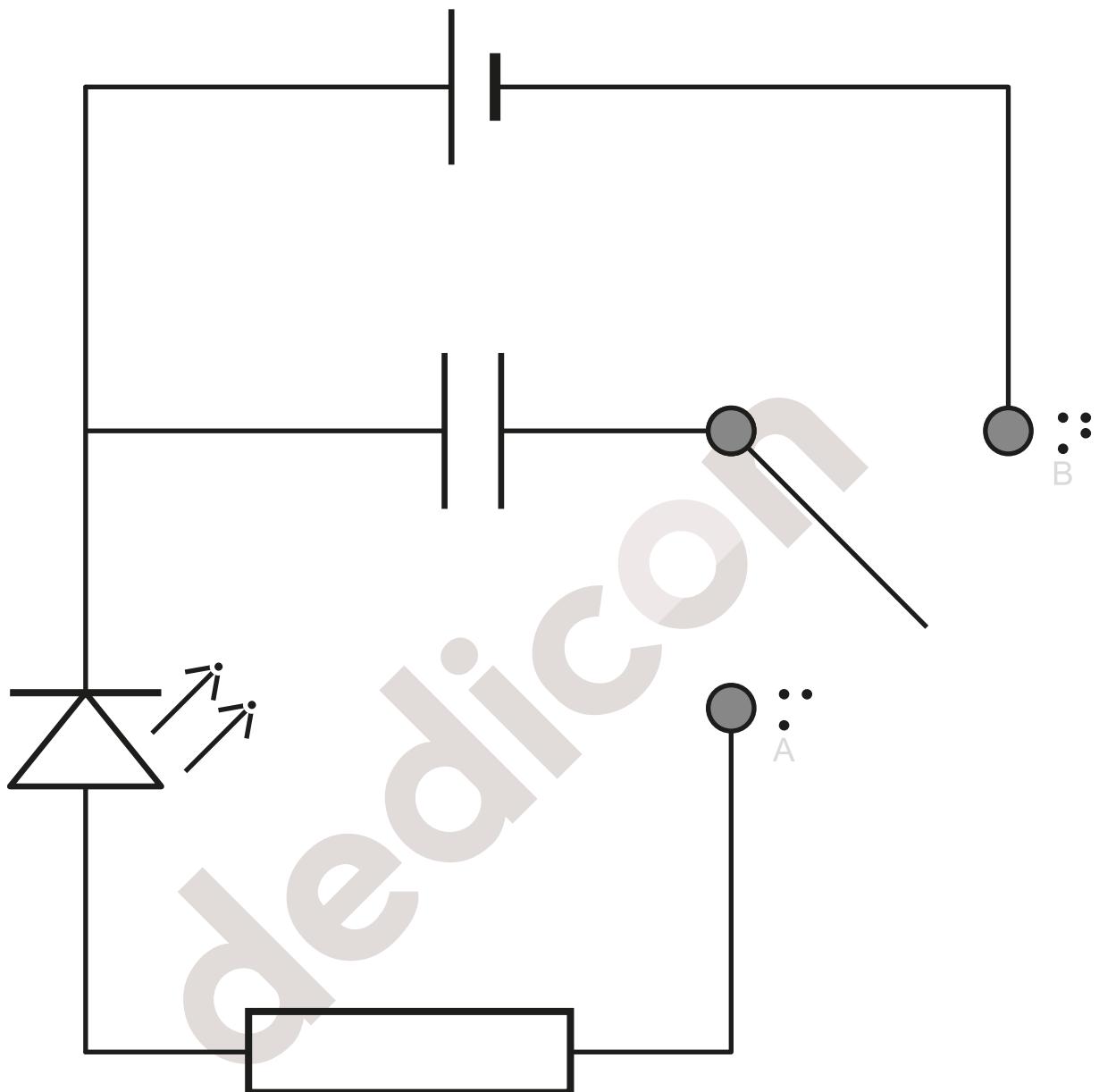


b



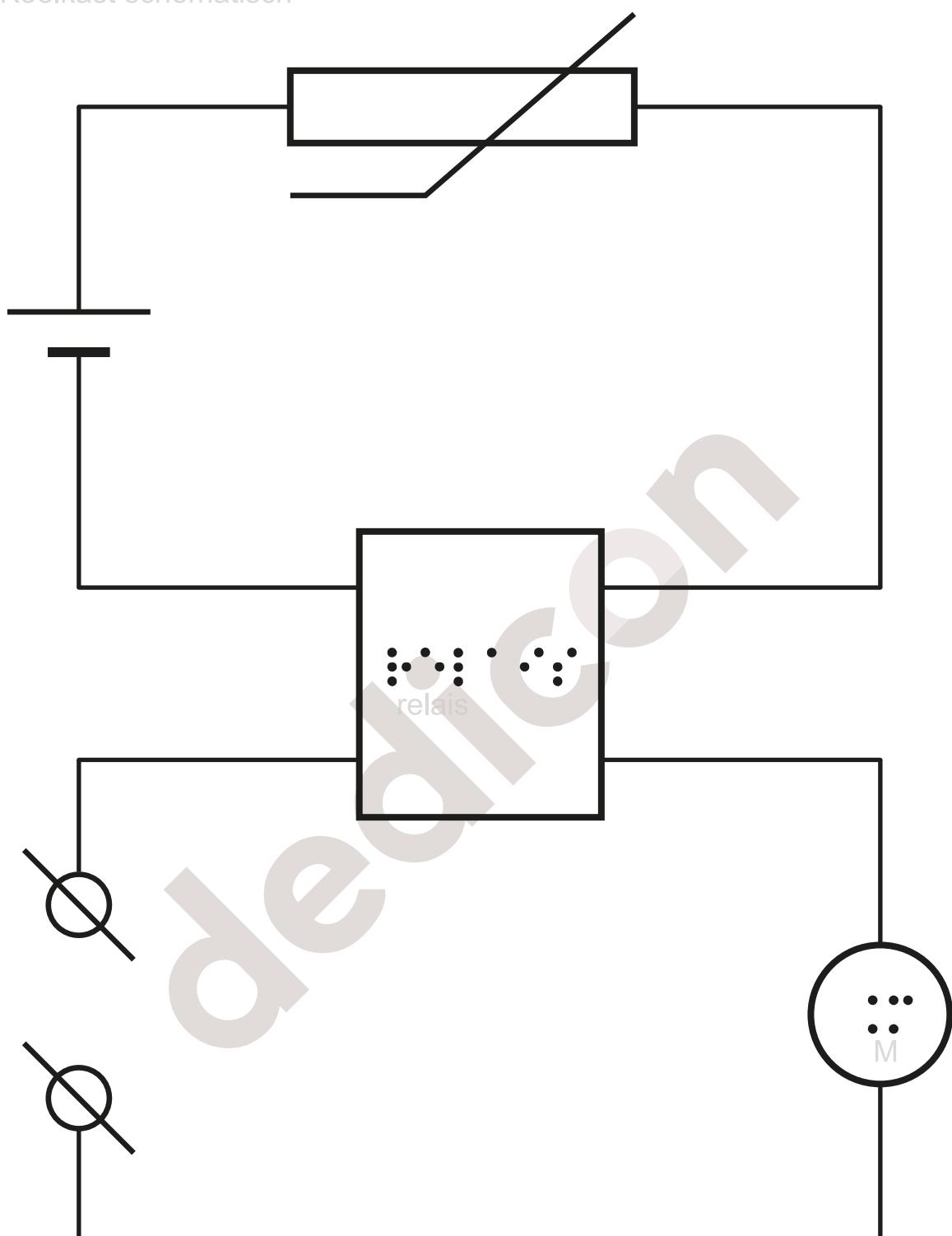


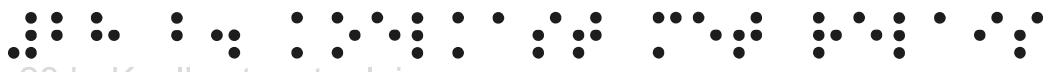
27. Schakeling: condensator



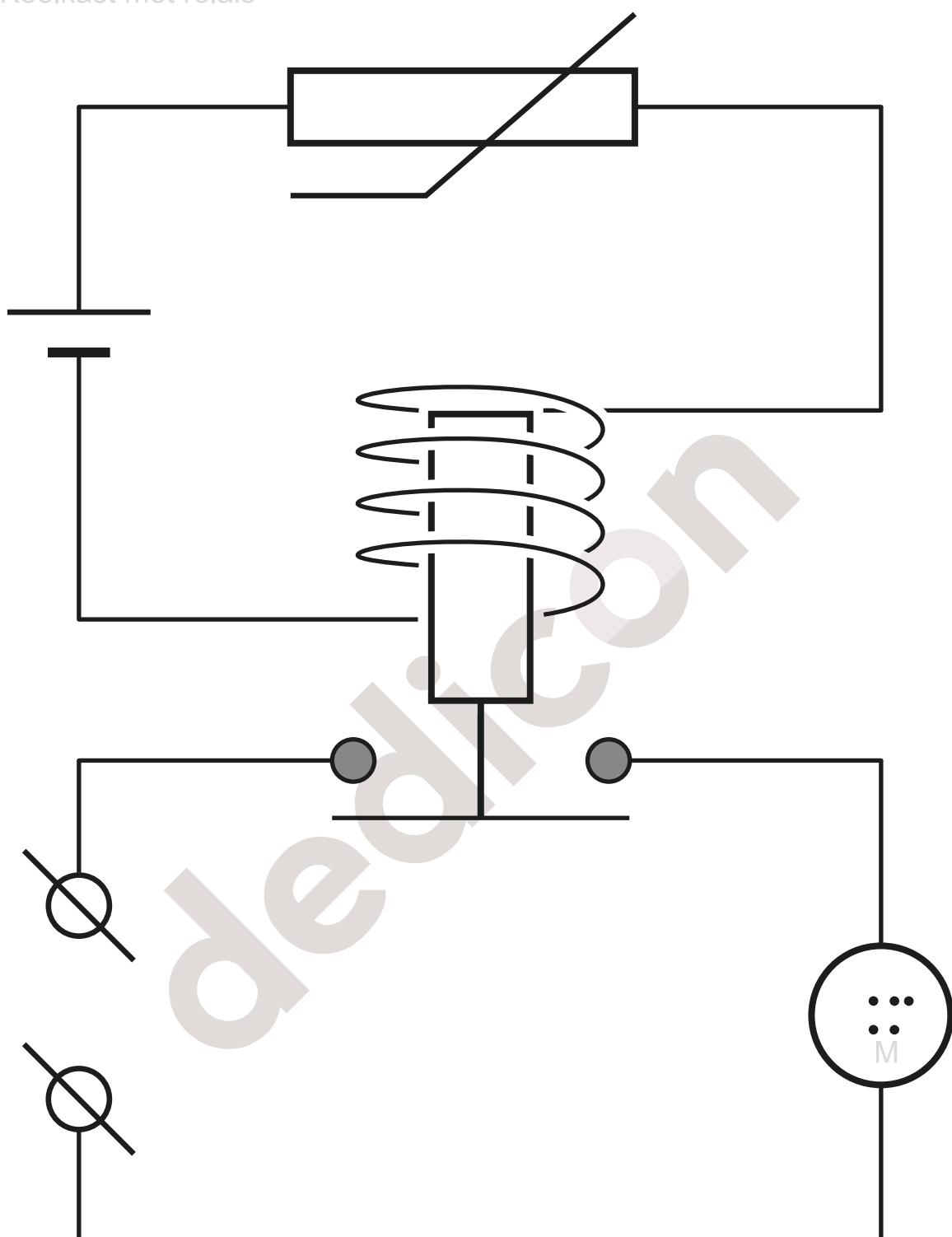


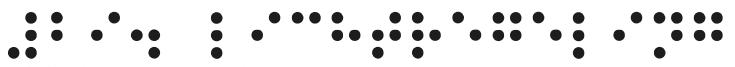
28 a. Koelkast schematisch





28 b. Koelkast met relais





29. Lichtregeling

