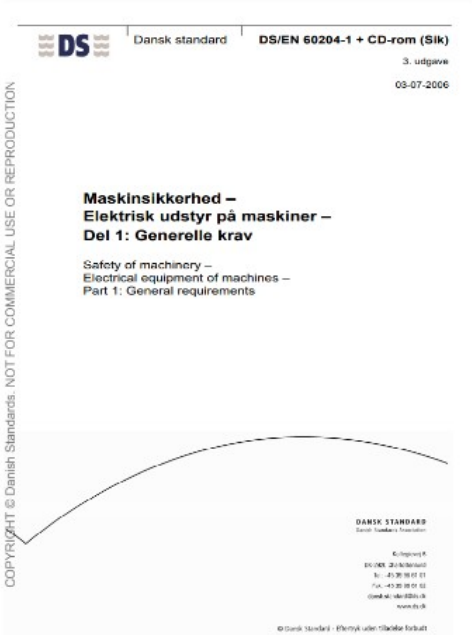
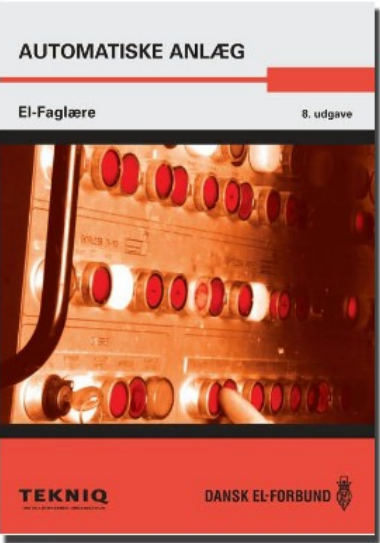


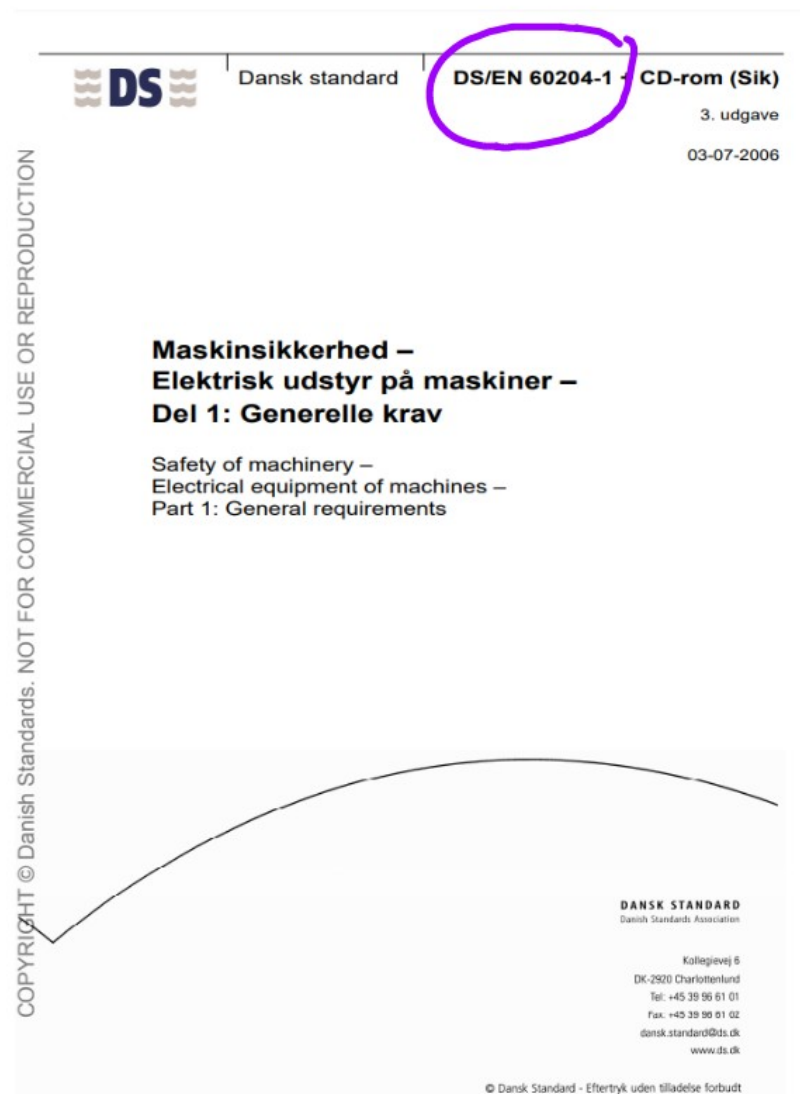
Relæteknik

Lærebog og lovgivning



Relæteknik

Lærebog og lovgivning



1

2

3

4

5

6

7

8

9

10

11

12

13

Relæteknik

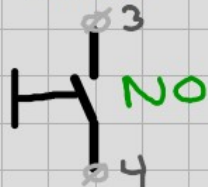
Grundlæggende symboler #1

Funktion -----> **FUNKTION**

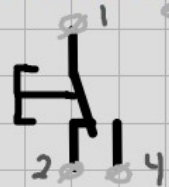
Bryde



Slutte



Omskifter



USYNLIG PÅ
TEGNINGER Ø

FUNKTIONENS CIFTER

NO - Normally Open

NC - Normally Closed

Terminalnumre

Referencebetegnelse

(Side 339-340 i Rødbog)

Betjening / Påvirkning

Håndbetjent

Tryk

-S1

Fjedre

påvirket tryk

-S2

Drejeknap

-S3

Nødstop

-S4

Endestop

-B1

Termorelæ

-F1

1

2

3

4

5

6

7

8

9

10

11

12

13

Relæteknik

Grundlæggende symboler #2

Terminalnumre

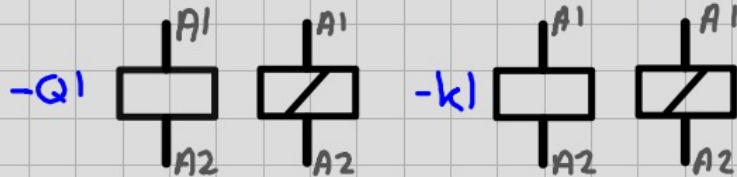
Referencebetegnelse

(Side 339-340 i Rødbog)

Spoler

Kontakter spole

Relæ spole



Typiske symboler

Lampe

Terminal/Klemme

PE tilslutning

Slutte/bryde kors

-P1 ⊗

-X1 ∅

⏏ ⊕ PE

S B

1

2

3

4

5

6

7

8

9

10

11

12

13

Relæteknik

Grundlæggende timer symboler

"EN DØDDE"

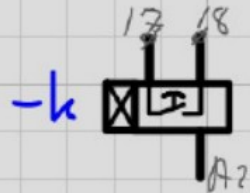
Terminalnumre

Referencebetegnelse

(Side 339-340 i Rødbog)

Timer Blokke

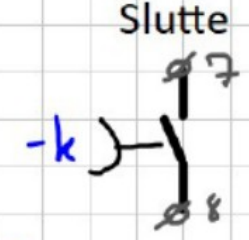
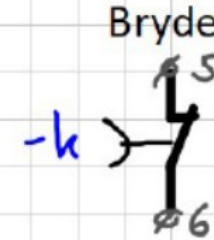
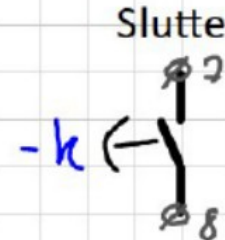
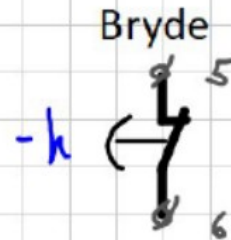
On-Delay
Timer Block



Off-Delay
Timer Block

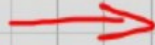


Funktioner



(TRAPPE AUTOMAT)

Påvirkning



Forsinket
indkobling

AF FUNKTIONEN



On-Delay

Forsinket
udkobling

AF FUNKTIONEN



Off-Delay

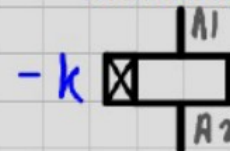
Forsinket ind-
og udkobling



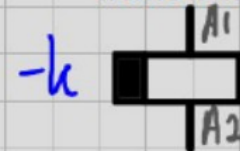
On/Off-Delay

Spoler til relæer

Relæspole for relæ
med forsinket
indkobling

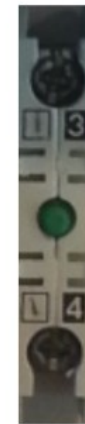
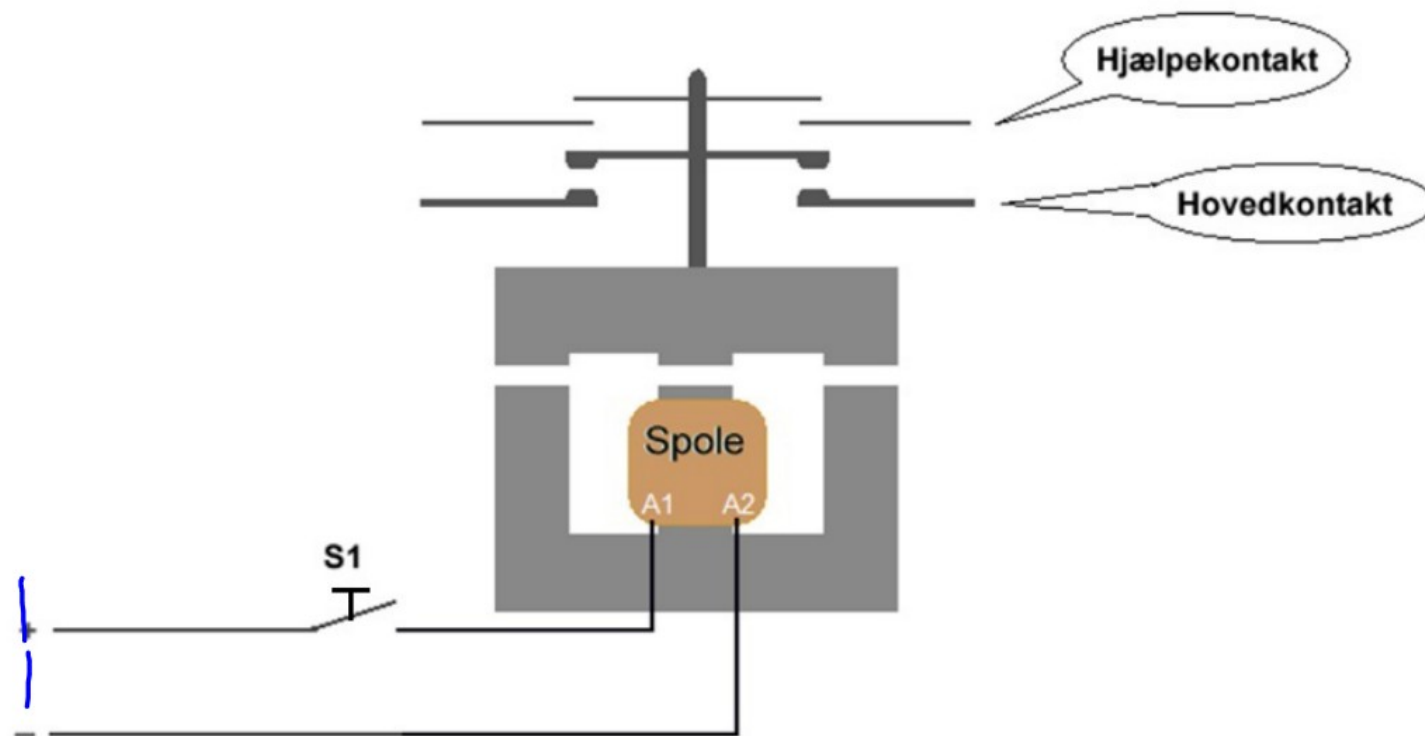


Relæspole for relæ
med forsinket
udkobling



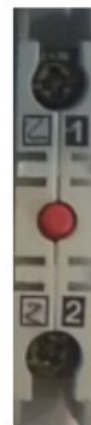
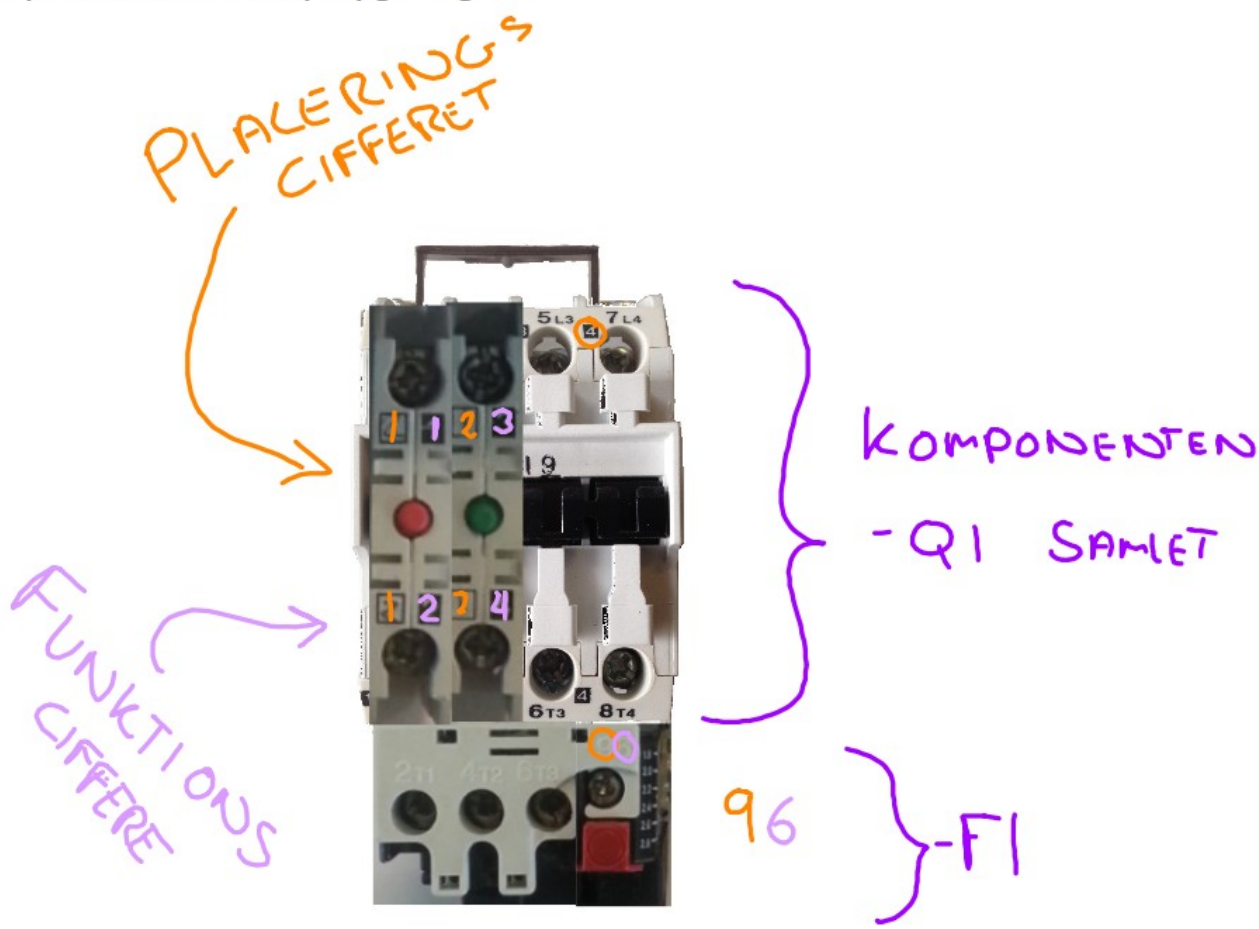
Relæteknik

Komponenternes opbygning #1



Relæteknik

Komponenternes opbygning #2



Ude i installationen

Nødstop



Slutte og Bryde
funktioner i div. Tryk



Div. almindelige Tryk



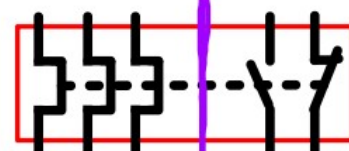
Inde i styringen

Termorelæet

Bi-Metaller



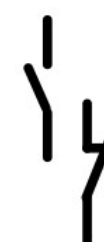
Slutte og Bryde



EFFEKT

STYRE

Slutte og Bryde som
hjelpekontakter



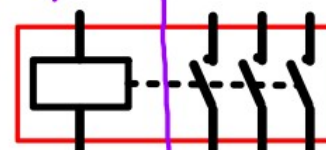
Kontaktoren

Spolen



STYRE

Kontaktsættene



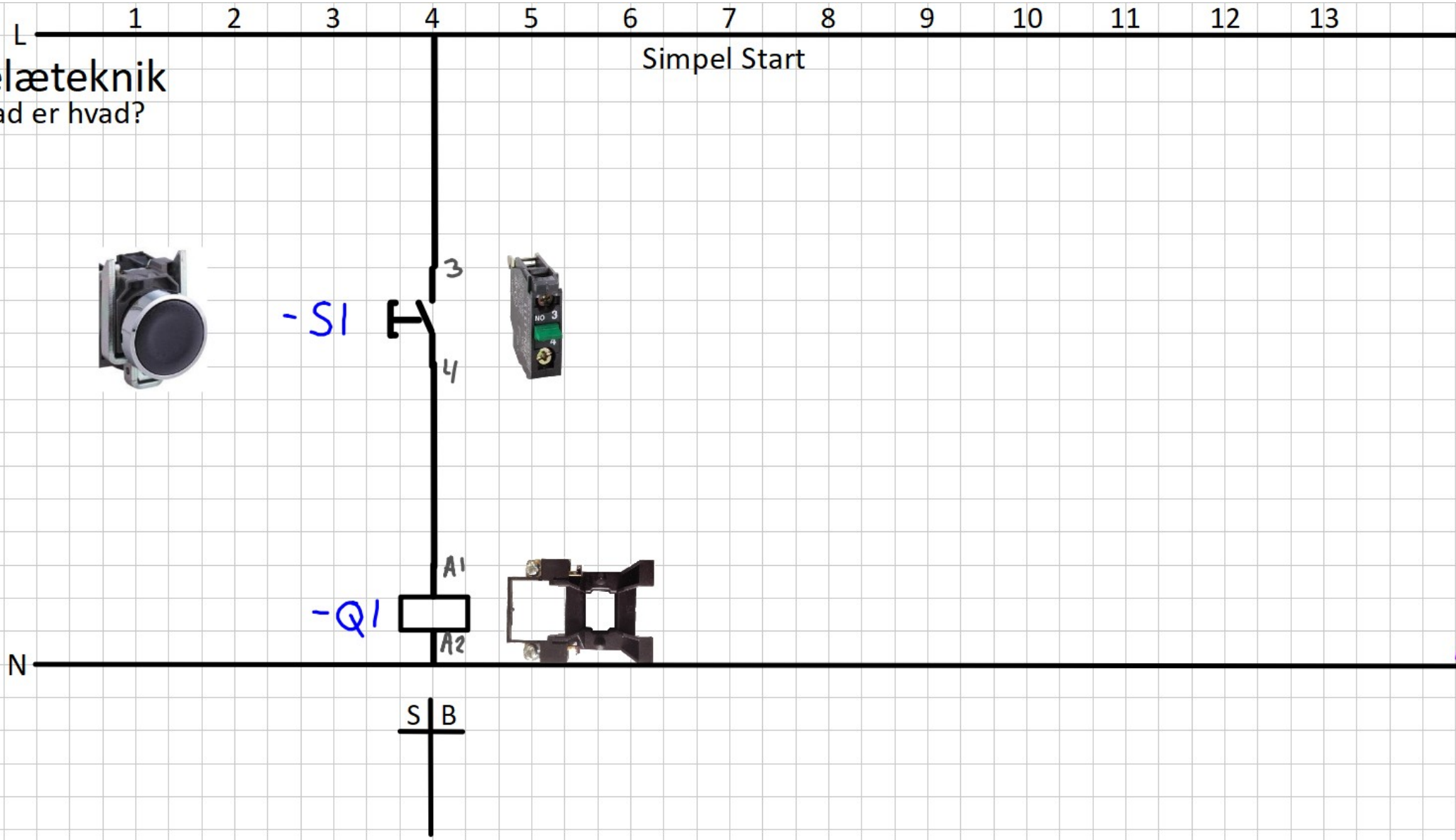
EFFEKT



Relæteknik

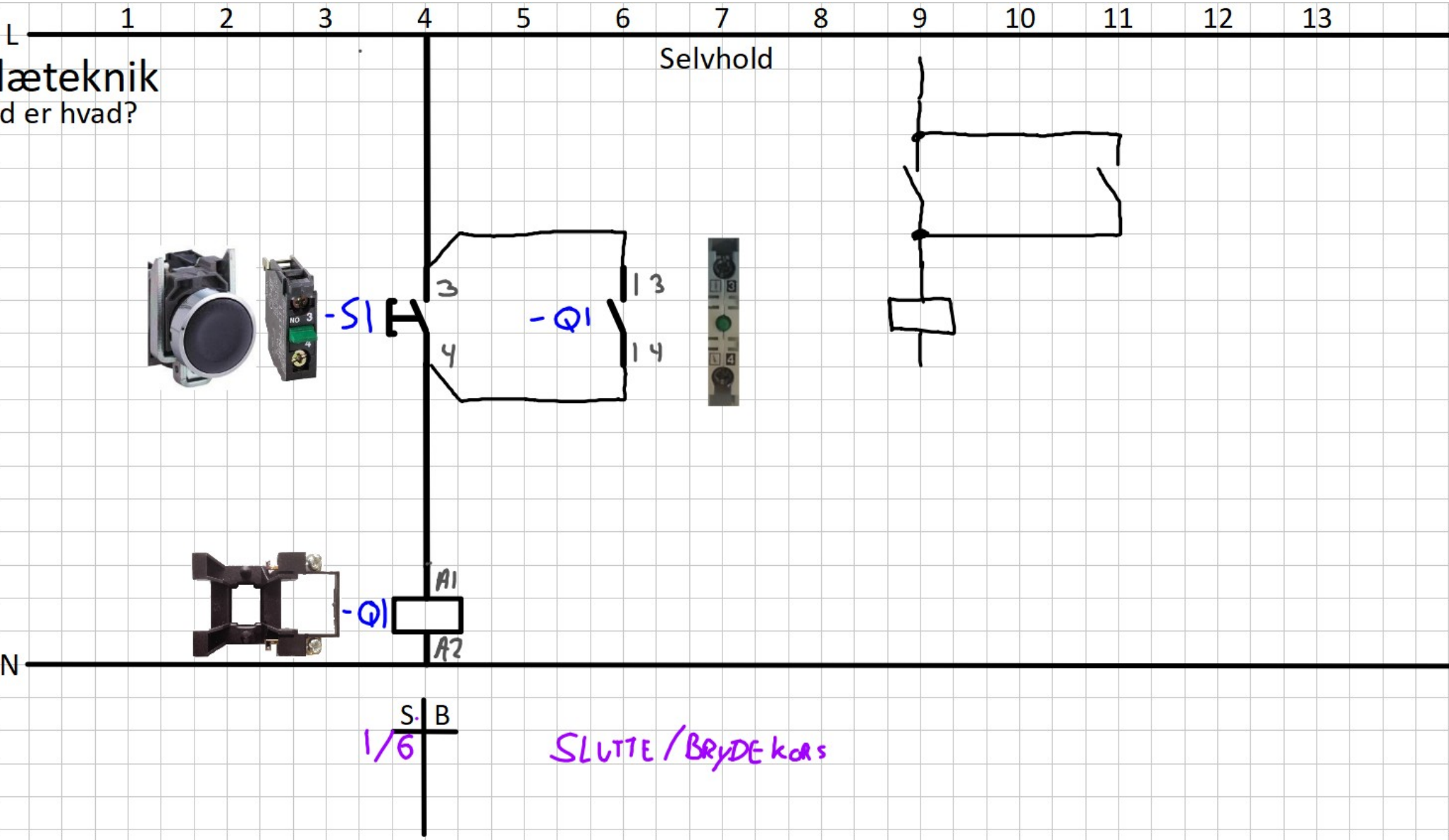
Hvad er hvad?

Simpel Start



Relæteknik

Hvad er hvad?



Selvhold

-Q1

-Q1

-Q1

SLUTTE / Bryde kors

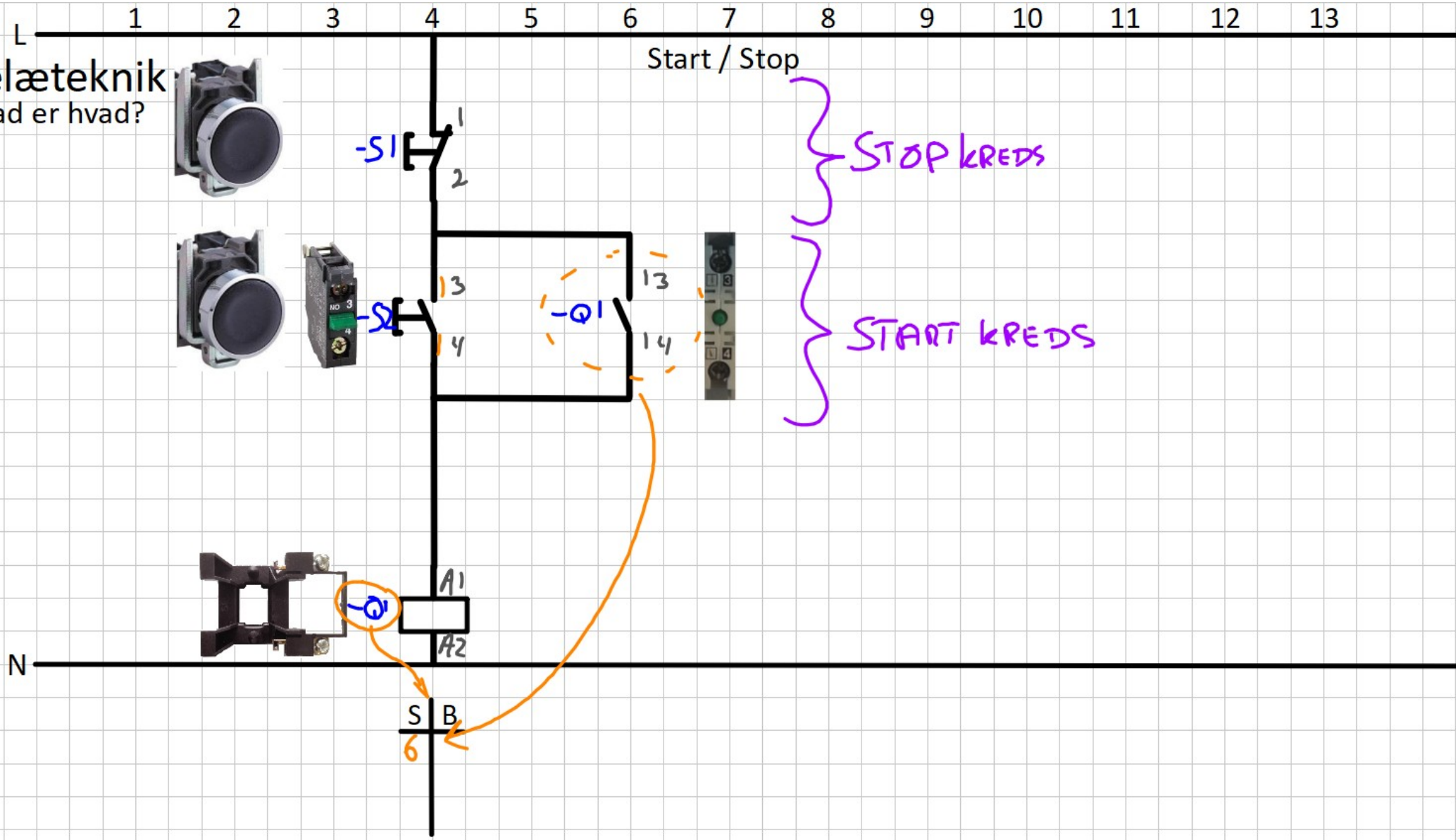
1/6

Relæteknik
Hvad er hvad?

Start / Stop

STOP kredS

START kredS



Selvhold



Selvhold

