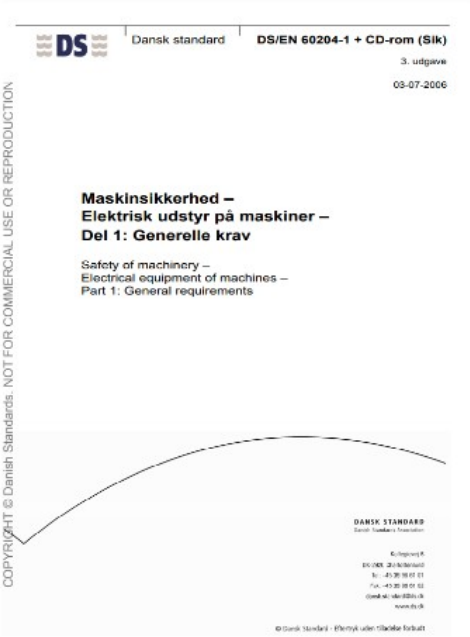


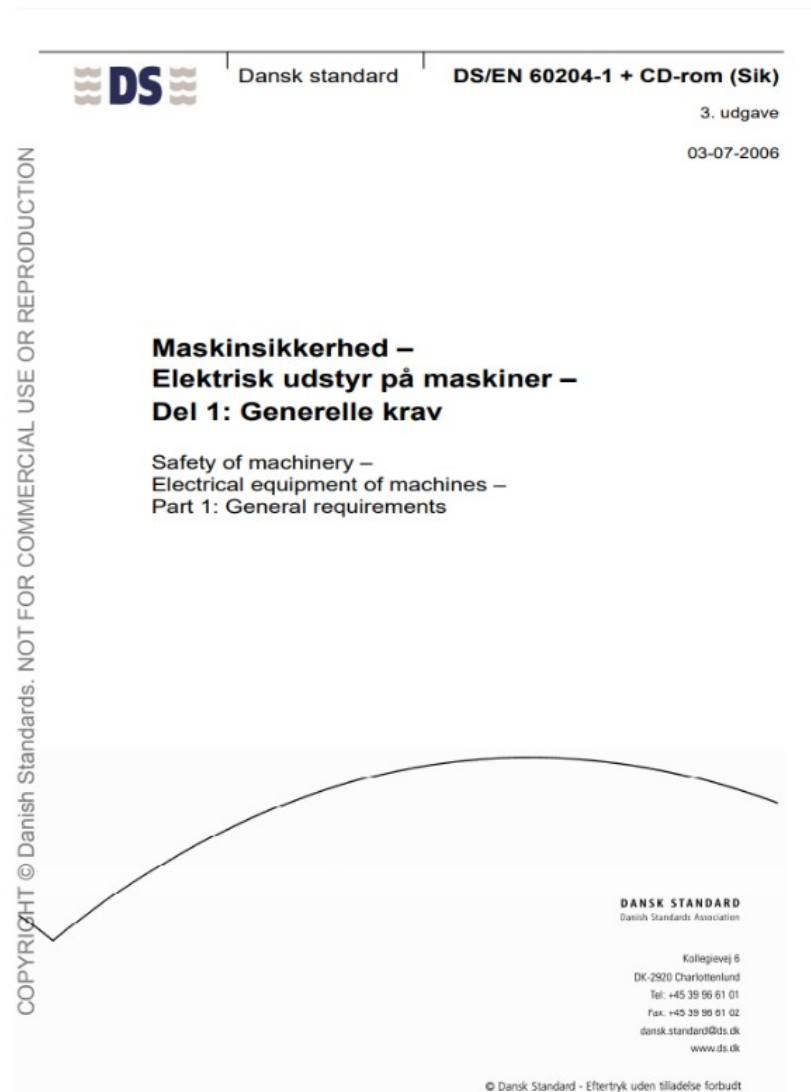
Relæteknik

Lærebog og lovgivning



Relæteknik

Lærebog og lovgivning



1

2

3

4

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8

9

10

11

12

13

Relæteknik

Grundlæggende symboler #1

"Ø3" FUNKTIONS LÆGGEN

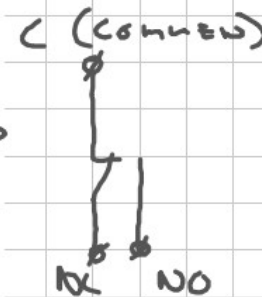
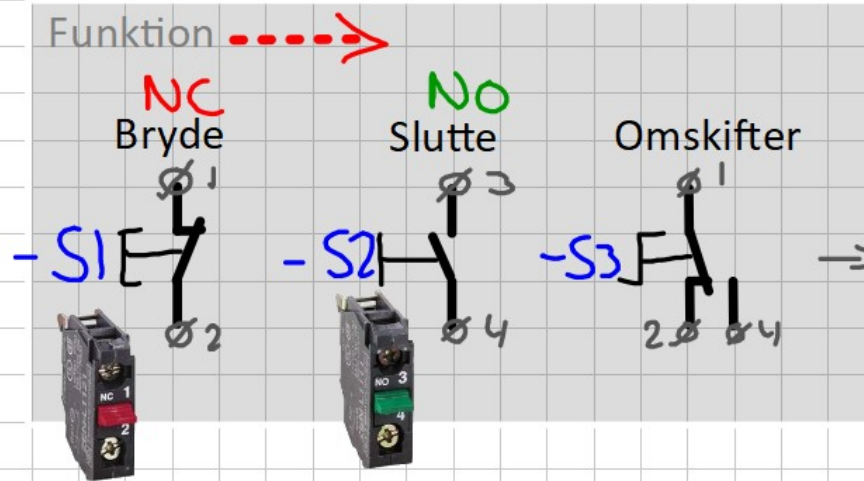
NO - Normally Open

NC - Normally Closed

Terminalnumre

Referencebetegnelse

(Side 339-340 i Rødbog)



Betjening / Påvirkning

Håndbetjent

Tryk

-S



Fjedre

påvirket tryk

-S

Drejeknap

-S

Nødstop

-S



Endestop

-B



Termorelæ

-F



1

2

3

4

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8

9

10

11

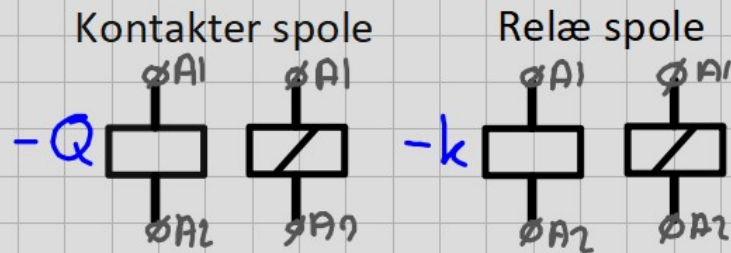
12

13

Relæteknik

Grundlæggende symboler #2

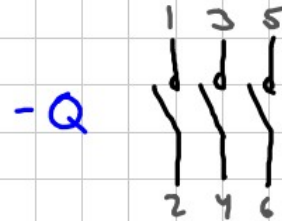
Spoler



STYRE KREDS

EFFEKT KREDS

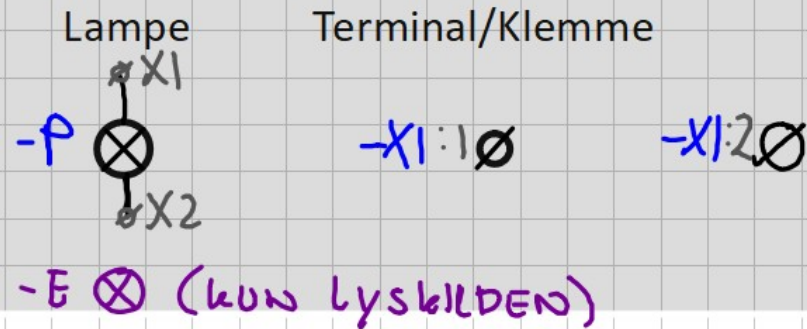
KONTAKTORENE
(EFFEKT AFDRIFT)



Terminalnumre

Referencebetegnelse
(Side 339-340 i Rødbog)

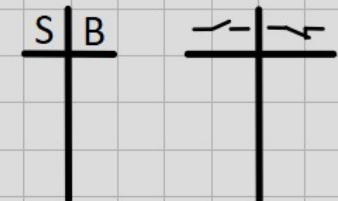
Typiske symboler



PE tilslutning



Slutte/bryde kors



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12

13

Relæteknik

Grundlæggende timer symboler

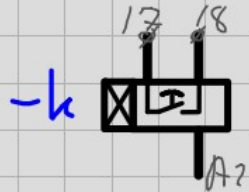
"EN DØDDE"

Terminalnumre

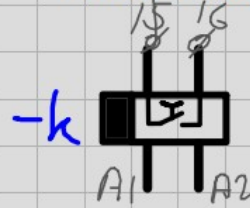
Referencebetegnelse
(Side 339-340 i Rødbog)

Timer Blokke

On-Delay
Timer Block

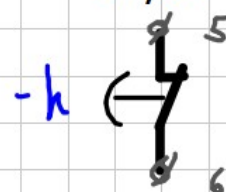


Off-Delay
Timer Block

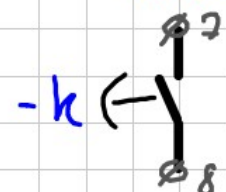


Funktioner

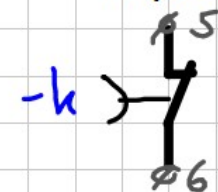
Bryde



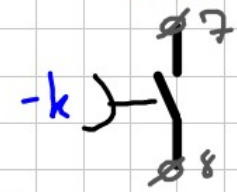
Slutte



Bryde

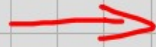


Slutte



(TRAPPE AUTOMAT)

Påvirkning



Forsinket
indkobling

AF FUNKTIONEN



On-Delay



Forsinket
udkobling

AF FUNKTIONEN



Off-Delay



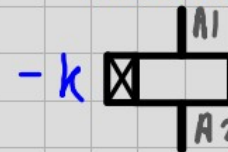
Forsinket ind-
og udkobling



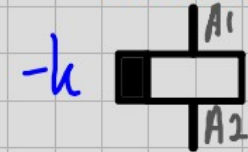
On/Off-Delay

Spoler til relæer

Relæspole for relæ
med forsinket
indkobling

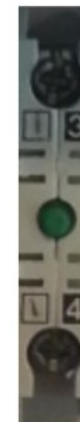
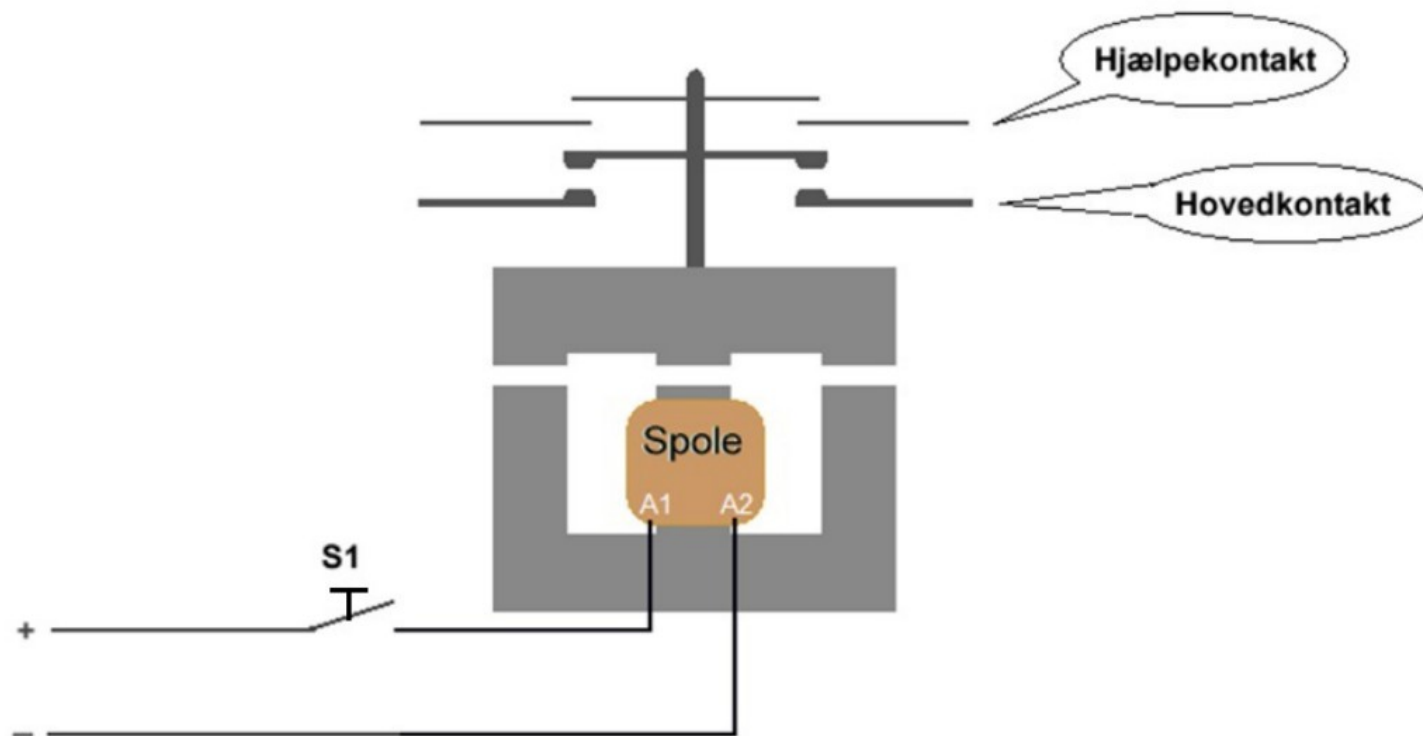


Relæspole for relæ
med forsinket
udkobling



Relæteknik

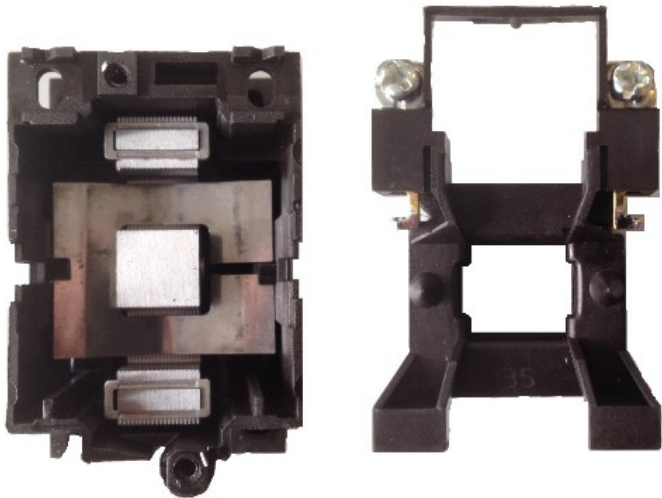
Komponenternes opbygning #1



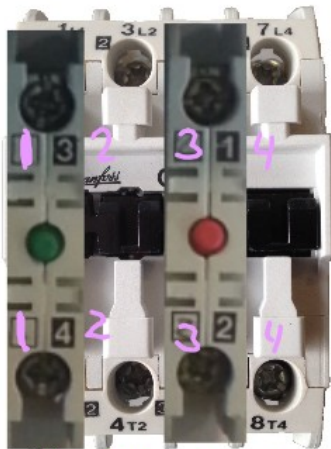
Relæteknik

Komponenternes opbygning #2

#1 CIFFER ER ET PLACERING CIFFER
#2 CIFFER ER ET FUNKTIONSCIFFER



-Q1



PLACERING

-Q1



Ude i installationen

Nødstop



Slutte og Bryde funktioner i div. Tryk



Div. almindelige Tryk



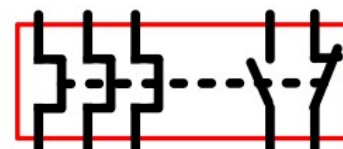
Inde i styringen

Termorelæet

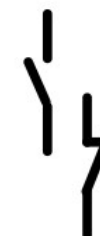
Bi-Metaller



Slutte og Bryde



Slutte og Bryde som hjælpekontakter

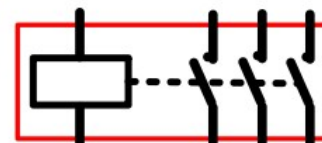


Kontaktoren

Spolen



Kontaktsættene



Relæteknik

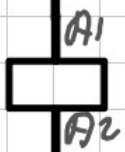
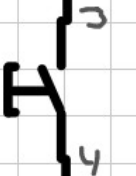
Hvad er hvad?

Simpel Start

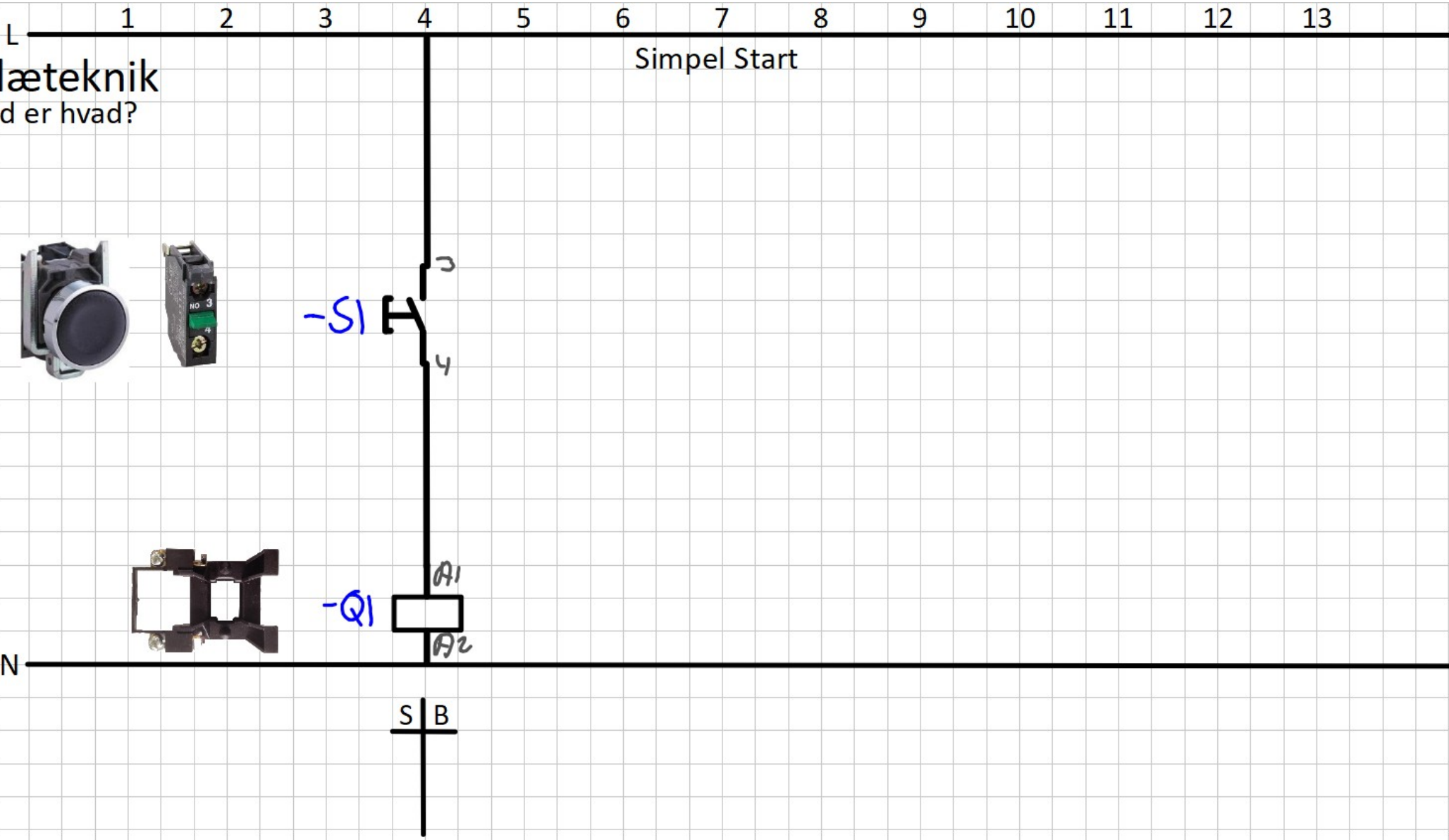


-S1

-Q1

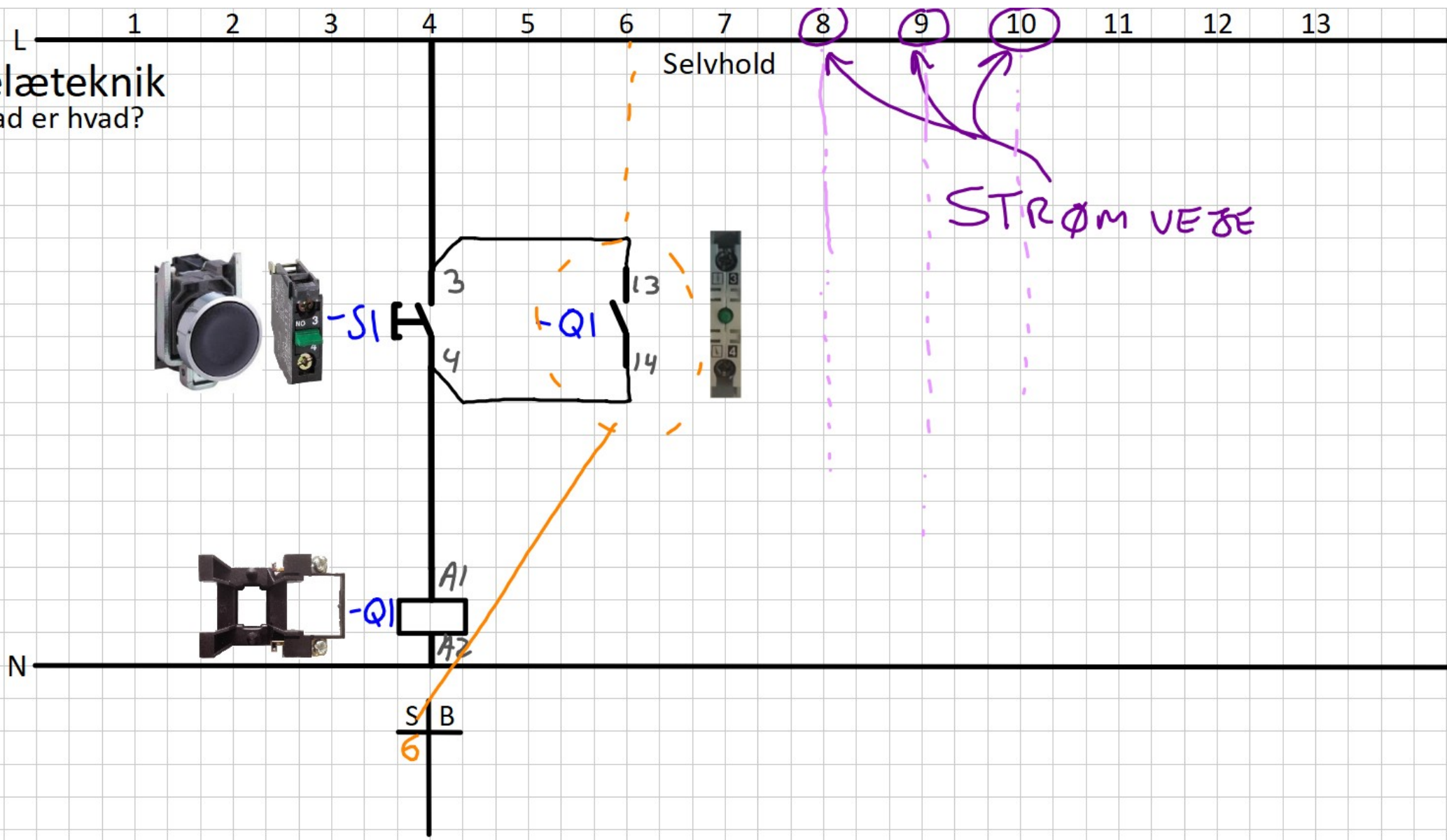


S B



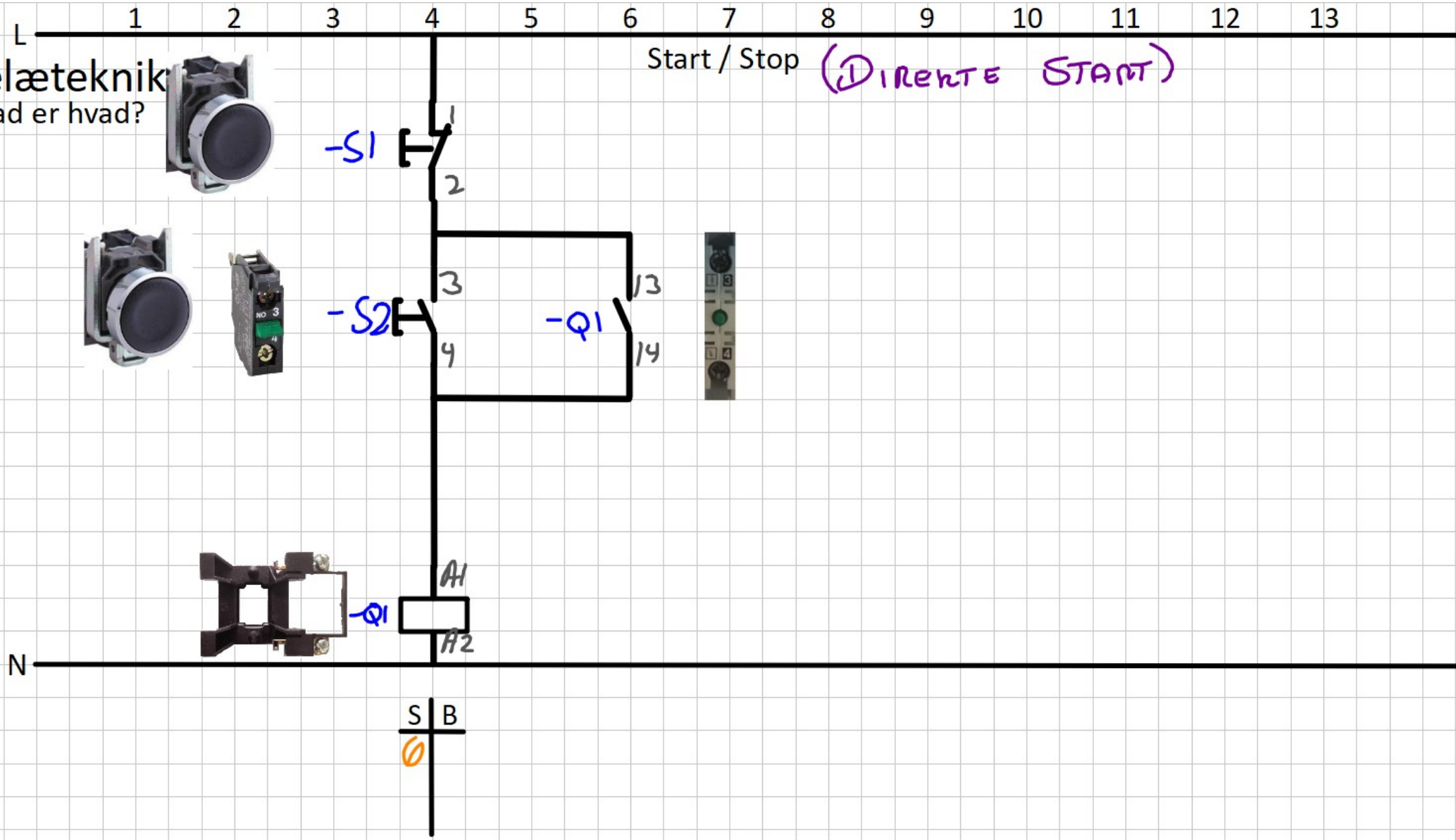
Relæteknik

Hvad er hvad?



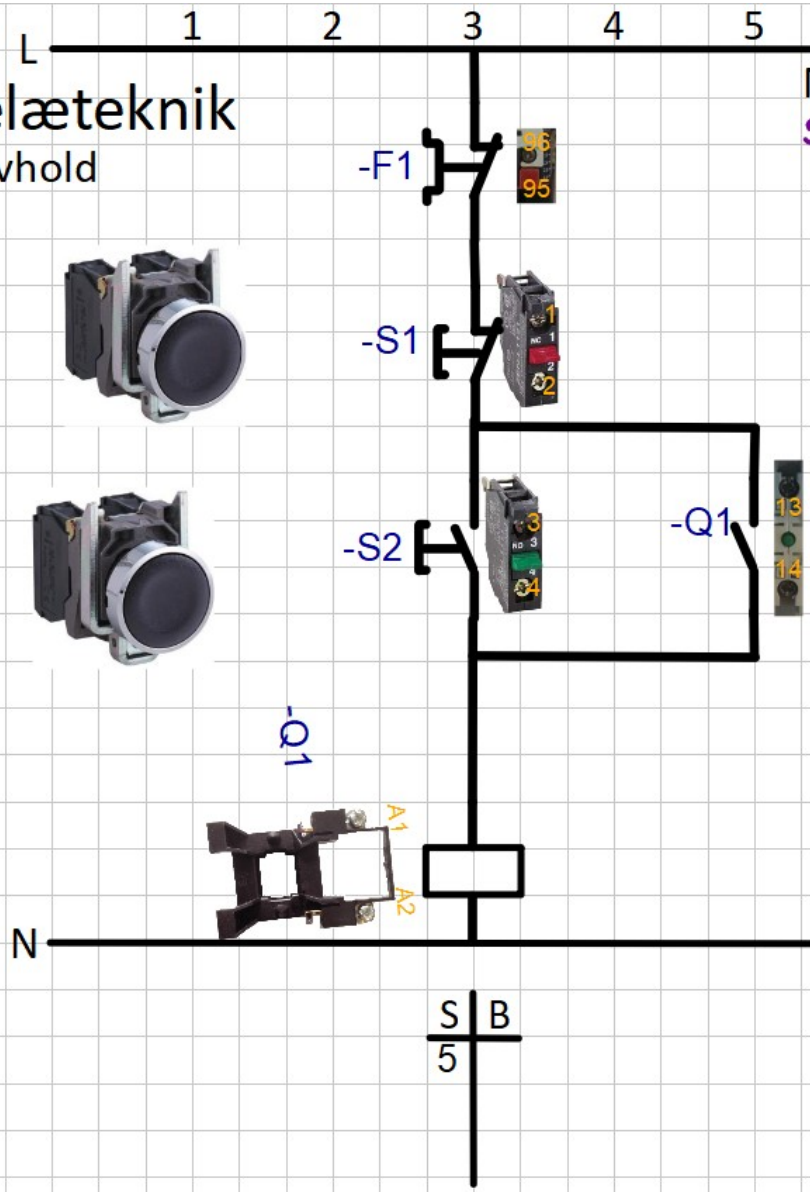
Relæteknik
Hvad er hvad?

Start / Stop (DIREKTE START)

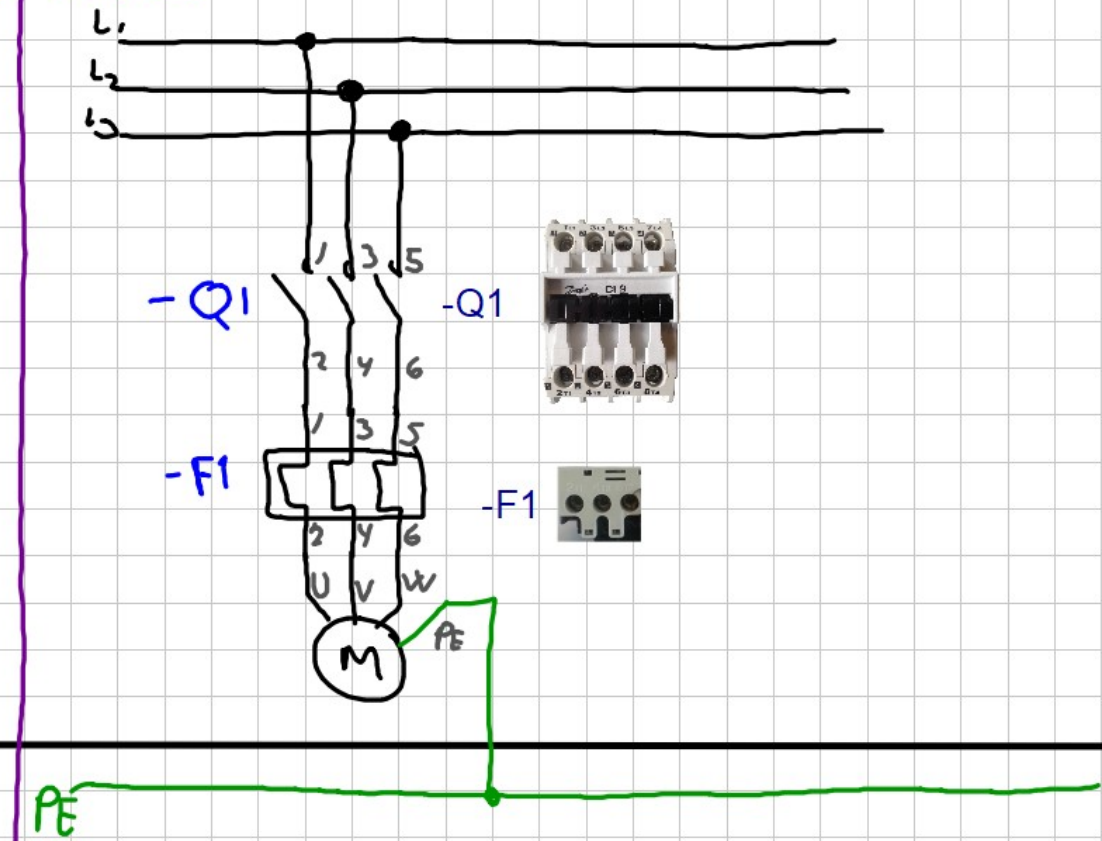


Relæteknik

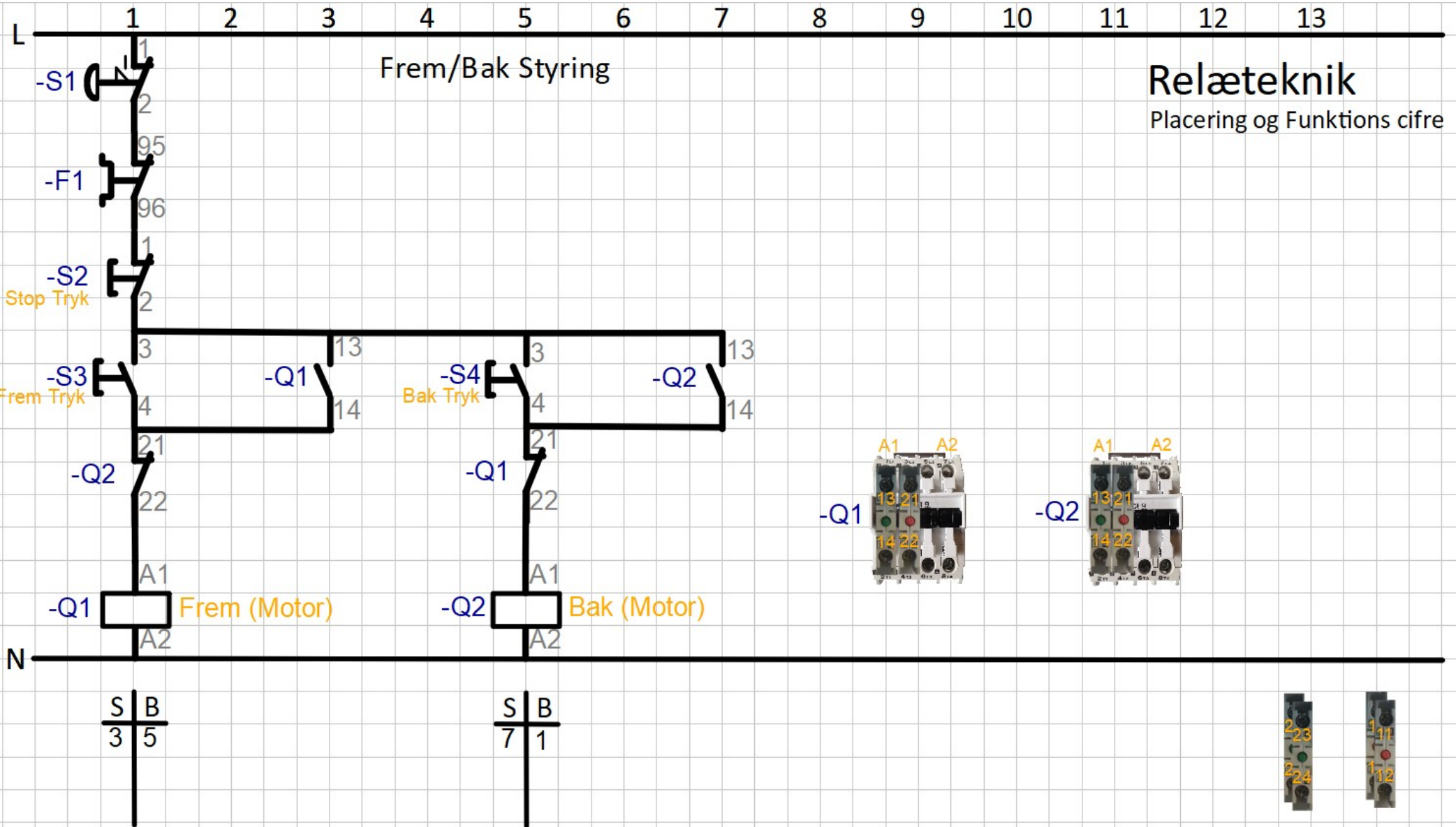
Selvhold

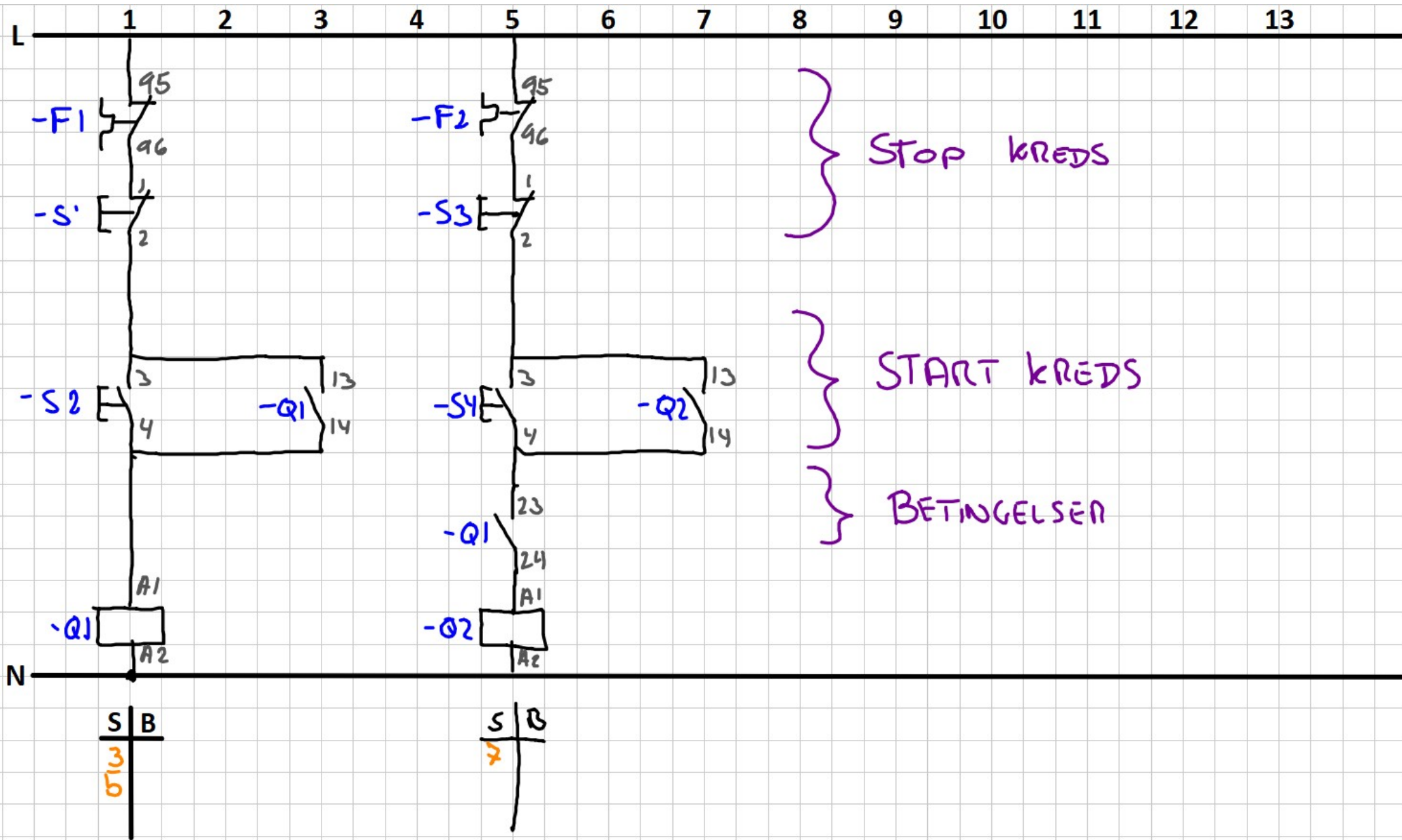


Motor Start/Stop kreds
STYRE - KREDS
EFFEKT - KREDS

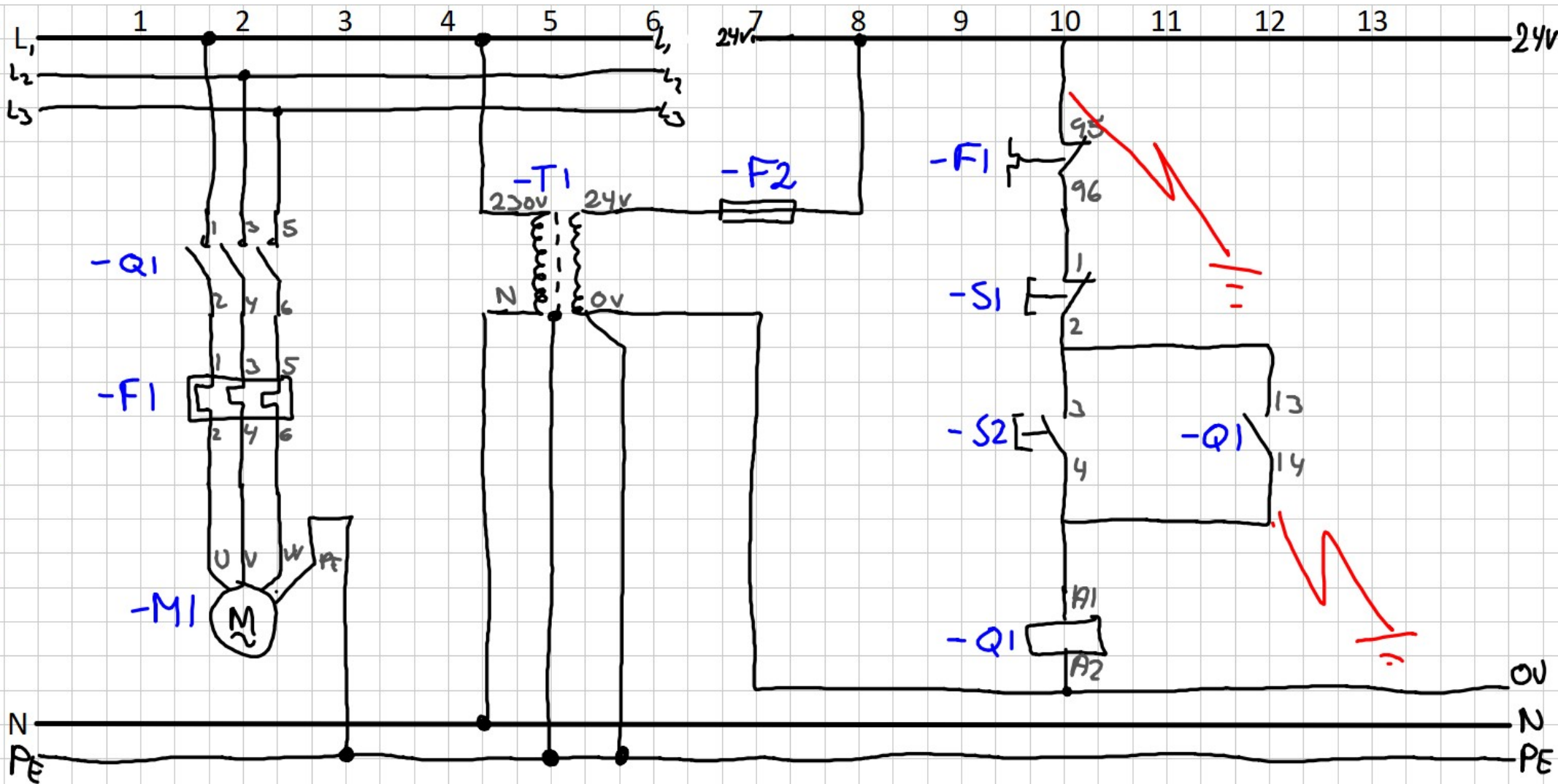


Stopkreds Startkreds Selvhold





SILK SCREEN TRANSFORMER



S/O
12

