

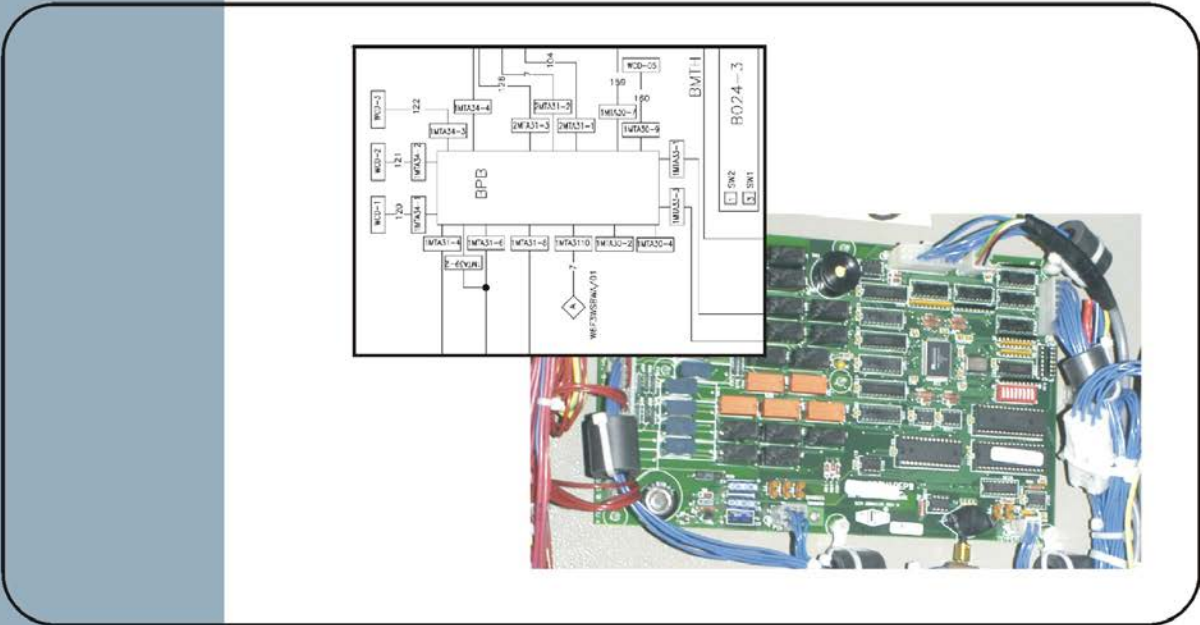


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30015 T5J, V7J

30022 H8J, T5J, V6J, VRJ



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MC7H7J11AX/24353A

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English / Dansk

1

The text in this Circuit Guide is provided in the following languages:

1. **English**
2. Danish

Bu Devre Kılavuzu'nda metni aşağıdaki dillerde sağlanır

1. İngilizce
 2. **Dansk**
-



Read the separate safety manual before installing, operating, or servicing



Læs den separate sikkerhedsmanualen før installation, drift eller servicering

How to Get the Necessary Repair Components

You can get components to repair your machine from the approved supplier where you got this machine. Your supplier will usually have the necessary components in stock. You can also get components from the Milnor® factory.

Tell the supplier the machine model and serial number and this data for each necessary component:

- The component number from this manual
- The component name if known
- The necessary quantity
- The necessary transportation requirements
- The schematic number
- If the component is a motor or electrical control, give the nameplate data from the used component.

To write the Milnor factory:

Pellerin Milnor Corporation
Post Office Box 400
Kenner, LA 70063-0400
United States

Telephone: 504-467-2787
Fax: 504-469-9777
Email: parts@milnor.com

Sådan får den nødvendige reparation Components

Du kan få komponenterne til at reparere maskinen fra den godkendte leverandør, hvor du fik denne maskine. Din leverandør vil normalt have de nødvendige komponenter på lager. Du kan også få komponenter fra Milnor® fabrikken.

Fortæl leverandøren maskinens model og serienummer, og disse data for hver nødvendig komponent:

- Komponentnummer fra denne manual
- Komponentnavn, hvis kendt
- Den nødvendige mængde
- De nødvendige krav til transport
- Den skematiske nummer
- Hvis komponenten er en motor eller elektrisk styring, giver typeskiltsdata fra det anvendte element.

At skrive Milnor fabrikken:

Pellerin Milnor Corporation
Post Office Box 400
Kenner, LA 70063-0400
United States

telefon: 504-467-2787
Fax: 504-469-9777
E-mail: parts@milnor.com

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W7H7JPLD.2024353A

AC			
ACBA		W7H7JEC	EACCLRM7
BA			
BAFR		W7H7JS+C	08BHRCT
BAFR		W7H7JS+D	08BHRCT
BAFR		W7H7JS+D	08BHRDT
BAUP	V#J, T#J, H8J	W7H7JBW	08BH18EP1T
BAUP	VRJ	W7H7JBW	08BH188AT
BAVD	V#J, T#J, H8J	W7H7JBW	08BHEPSPAT
BAVDA	VRJ	W7H7JBW	08BHEPSPCT
BBAD-1		W7H7JEC	08BSBADCTV
CR			
CRATL		W7H7JEC	09C024D37
CRD		W7H7JS+B	09C024D71
CRD		W7H7JS+C	09C024D71
CRD		W7H7JS+D	09C024D71
CRDL		W7H7JS+B	09C024D71
CRDL		W7H7JS+C	09C024D71
CRDL		W7H7JS+D	09C024D71
CRE		W7H7JS+B	09C024D71
CRE		W7H7JS+D	09C024D71
CS			
CSEH		W7H7JEV	09MC08L371
CSVP		W7H7JS+B	09MC08C371
CSVP		W7H7JS+C	09MC08C371
CSVP		W7H7JS+D	09MC08C371
EF			
EF1	<250V	W7H7JLV	09FF005AWN
EF2	<250V	W7H7JLV	09FF005AWN
EF1	>250V	W7H7JLV	09FF002AWN
EF2	>250V	W7H7JLV	09FF002AWN
EF71A		W7H7JS+B	09FF002AMG
EF71B		W7H7JS+B	09FF002AMG
EM			
EMDL		W7H7JS+B	09K063C24
EMDL		W7H7JS+C	09K062B71
EMDL		W7H7JS+D	09K063C24
EMDR		W7H7JEV	96D350SA71
ES			
ESPS		W7H7JBW	08PSS3401T
EX			
EXHV-1	208VAC - 240VAC	W7H7JLV	09U250AT71
EXHV-2	380/480V - 240	W7H7JLV	09U200AAB
MT			
MTWE		W7H7JVPF	MESSAGE SO
MTWE		W7H7JVPG	MESSAGE SO
MV			
MVDBR		W7H7JVPF	09MV100RES
MVDBR		W7H7JVPG	09MV100RES
MVINV-H	V#J, H#J >250V	W7H7JVPF	09MWB00996

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MVINV-H	V#J, H#J >250V	W7H7JVPF	09MWB00996
MVINV-H	T5J >250V	W7H7JVPG	09MWB00996
MVINV-L	V#J, H#J<250V	W7H7JVPF	09MWB01774
MVINV-L	V#J, H#J<250V	W7H7JVPF	09NWD01774
MVINV-L	T5J <250V	W7H7JVPG	09MWB01774
P			
P1-P6		W7H7JVPF	27F3000H62
P1-P6		W7H7JVPG	27F3000H62
SH			
SH01		W7H7JLV	09N050
SHDD		W7H7JS+C	09N400CTBL
SHDD		W7H7JS+D	09N400CTBL
SHDO		W7H7JIB	09N405BK10
SHDO		W7H7JS+B	09N400CBNO
SHMF		W7H7JCF	09N405PB10
SHMA		W7H7JS+D	09N405M220
SHSOE		W7H7JLV	08508A
SK			
SKPR		W7H7JIB	09N127C
SM			
SMD		W7H7JS+B	09R010D
SMD		W7H7JS+C	09R010D
SMD		W7H7JS+D	09R010D
SME		W7H7JS+B	02-04177
SME		W7H7JS+D	02-04177
SMWVB		W7H7JIB	09R020
SP			
SPEH		W7H7JEV	09N089
ST			
STDB		W7H7JS+B	30RA175T
STDB		W7H7JS+C	30RA175T
STDB		W7H7JS+D	30RA175T
VE			
VEC1		W7H7JCF	MESSAGE MS
VEC2		W7H7JCF	MESSAGE MS
VEC3		W7H7JCF	MESSAGE MS
VEC4		W7H7JCF	MESSAGE MS
VEC5		W7H7JCF	MESSAGE MS
VECW	H8J	W7H7JEV	96P053C71
VECW	V#J, T#J	W7H7JEV	96P016A71
VEDRR		W7H7JEV	MESSAGE MS
VEFL	H8J	W7H7JEV	96P053C71
VEFL	V#J, T#J	W7H7JEV	96TDC2AA71
VEHW	H8J	W7H7JEV	96P053C71
VEHW	V#J, T#J	W7H7JEV	96P016A71
VEMF		W7H7JCF	96P053C71
VESTM	H8J ONLY	W7H7JEV	MESSAGE MS
VESTM	V#J, T#J	W7H7JEV	96P039A71
VETCD	H8J ONLY	W7H7JEV	MESSAGE MS
VETCD	V#J, T#J	W7H7JEV	96TDC2AA71

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VEVVX	H8J	W7H7JEV	MESSAGE MS
VEVVX	V#J, T#J	W7H7JEV	96P016A71

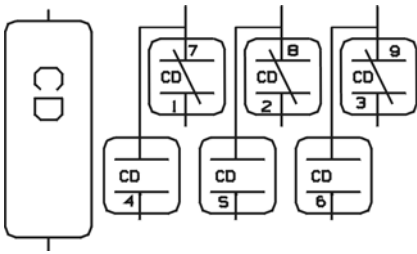
Legend of Symbols Legend of symboler



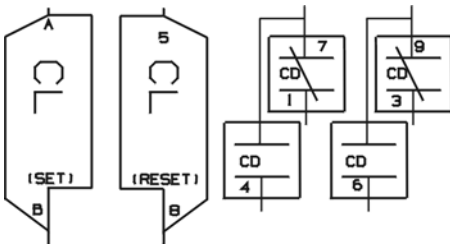
BA = Printed Circuit Board
Printed Circuit Board



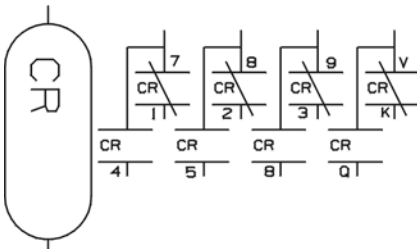
CB = Circuit Breaker
Circuit Breaker



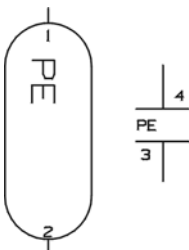
CD = Time Delay Relay
Tidsindstillet forsinkelsesrelæ



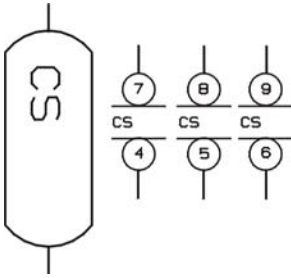
CL = Latch Relay
holderelæ



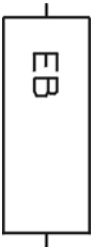
CR = Relay
Relæ



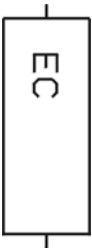
CP = Photo-Eye
Foto-Eye



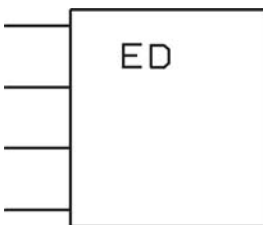
CS = Contactor/Motor Starter
Kontaktor / Motor Starter



EB = Audible Signal
Audible Signal



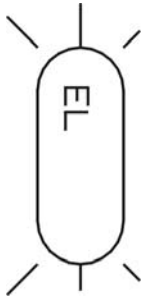
EC = Clutch
Clutch



ED = Electronic Display
elektronisk monitor



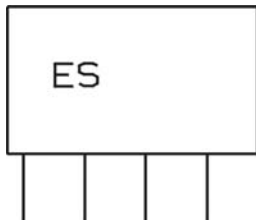
EF = Fuse
Sikring



EL = Light
Light



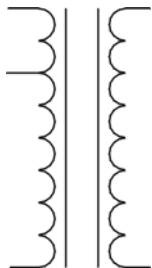
EM = Electro Magnatic Solenoid
Electro magnatic magnetventil



ES = Electronic Power Supply
Electronic Power Supply



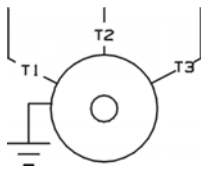
ET = Thermal Overload
termisk overbelastning



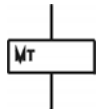
EX = Transformer
transformer

KB = Keyboard/Keypad
Keyboard / tastatur

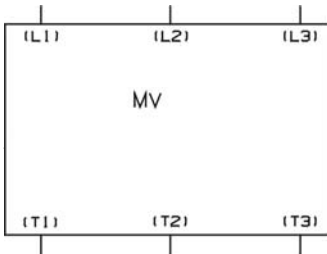
MN = Electronic Monitor
Electronic Monitor



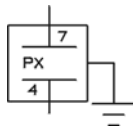
MR = Motor
Motor



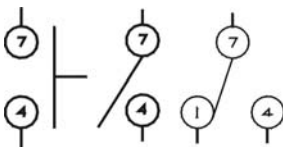
MT = Board Connector
Board Connector



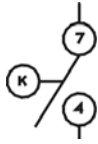
MV = Motor Inverter
Motor Inverter



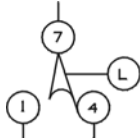
PX = Proximity Switch
nærhed Switch



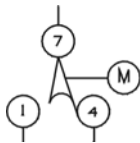
SH = Switch Hand Operated
Switch Hand Operated



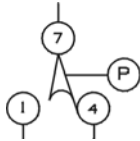
SK = Switch Key Operater
Nøgle aktiveret omskifter



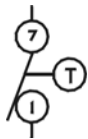
SL = Switch Level Operated
Niveau acuated Switch



SM = Switch Mechanically Operated
Mekanisk Operated Switch



SP = Switch Pressure Operated
Pressure Operated Switch



ST = Switch Temperature Operated
Temperatur Operated Switch



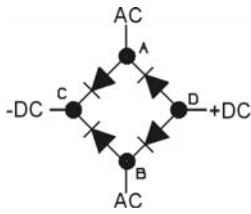
TB = Terminal Block
terminal Block



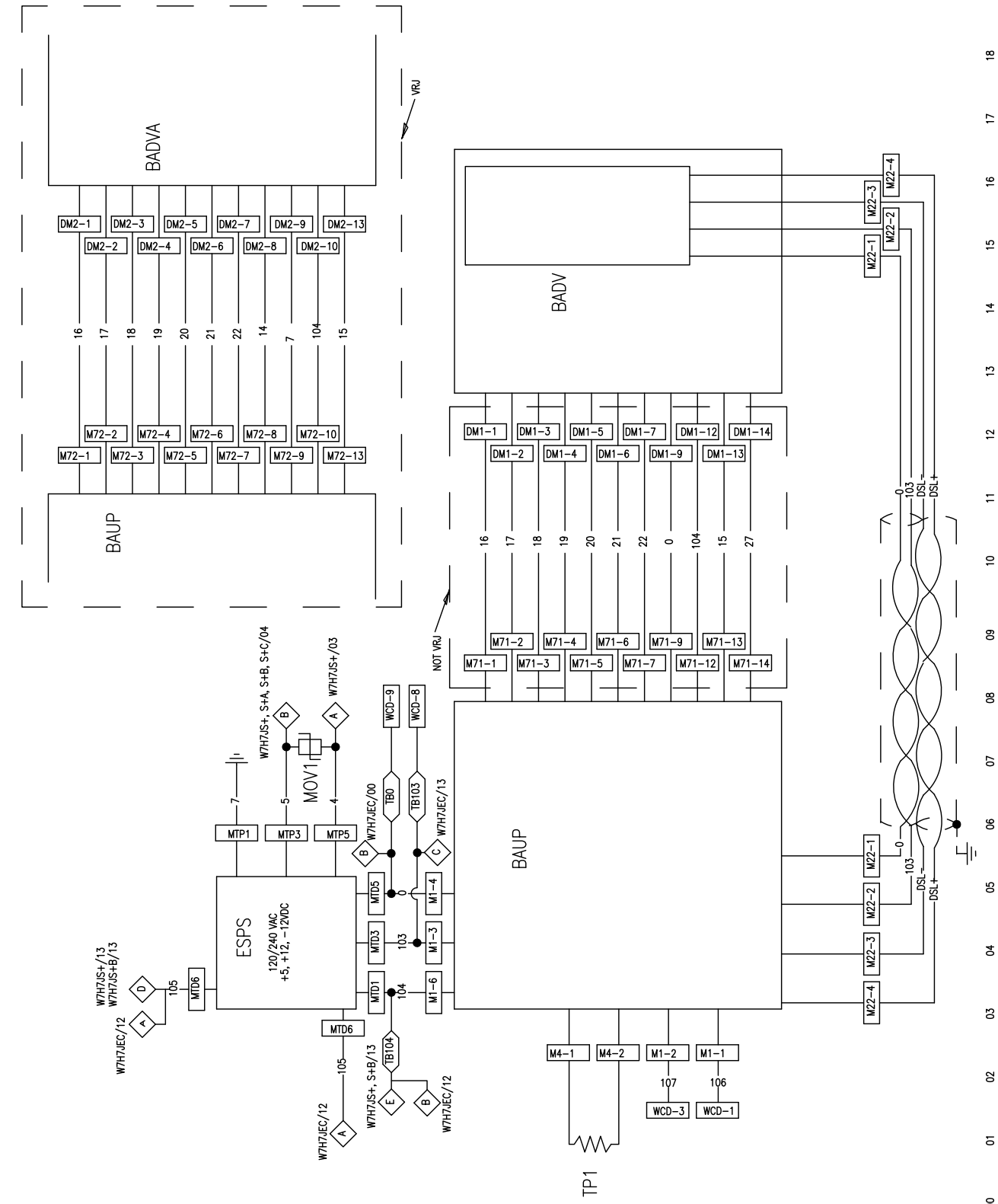
VE = Valve Electrically Operated
Valve elbetjente



WC = Wiring Connector
Wiring Connector



ZF = Rectifier
ensretter



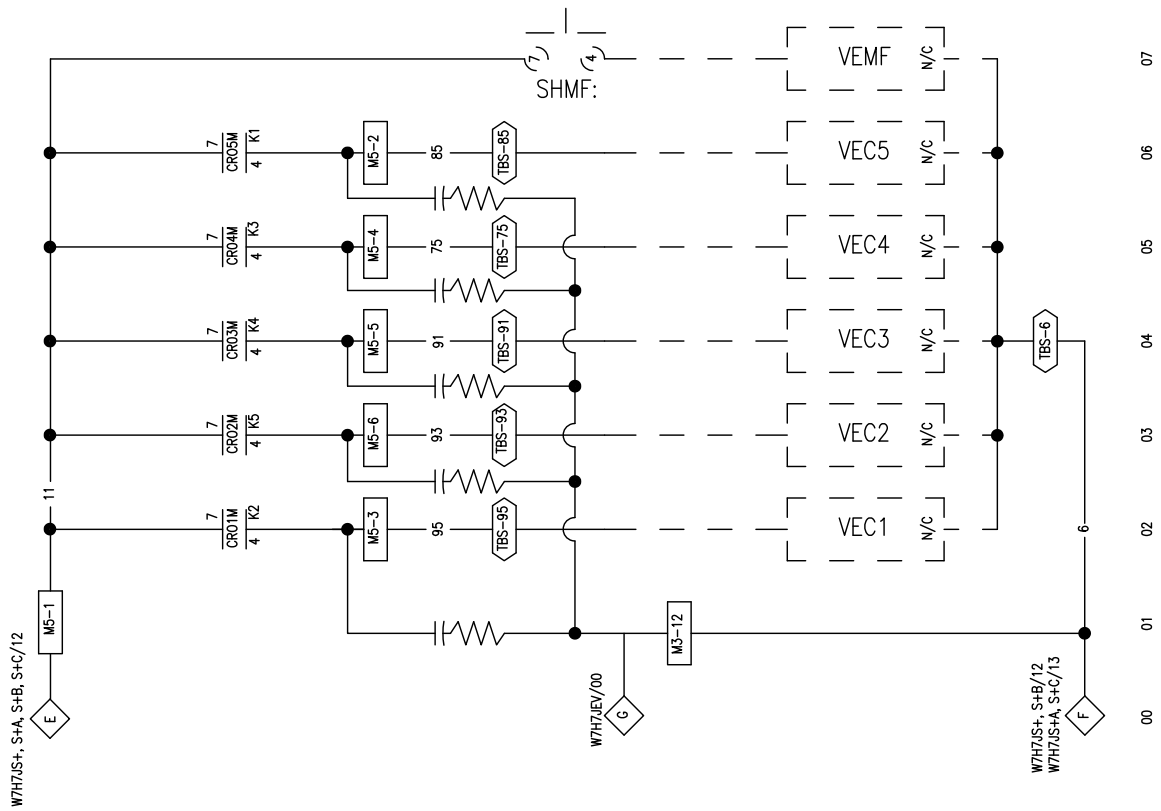
wiring between boards
board ledningsföring

W7H7JBW D

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flushing supplies
rødmen forsyninger

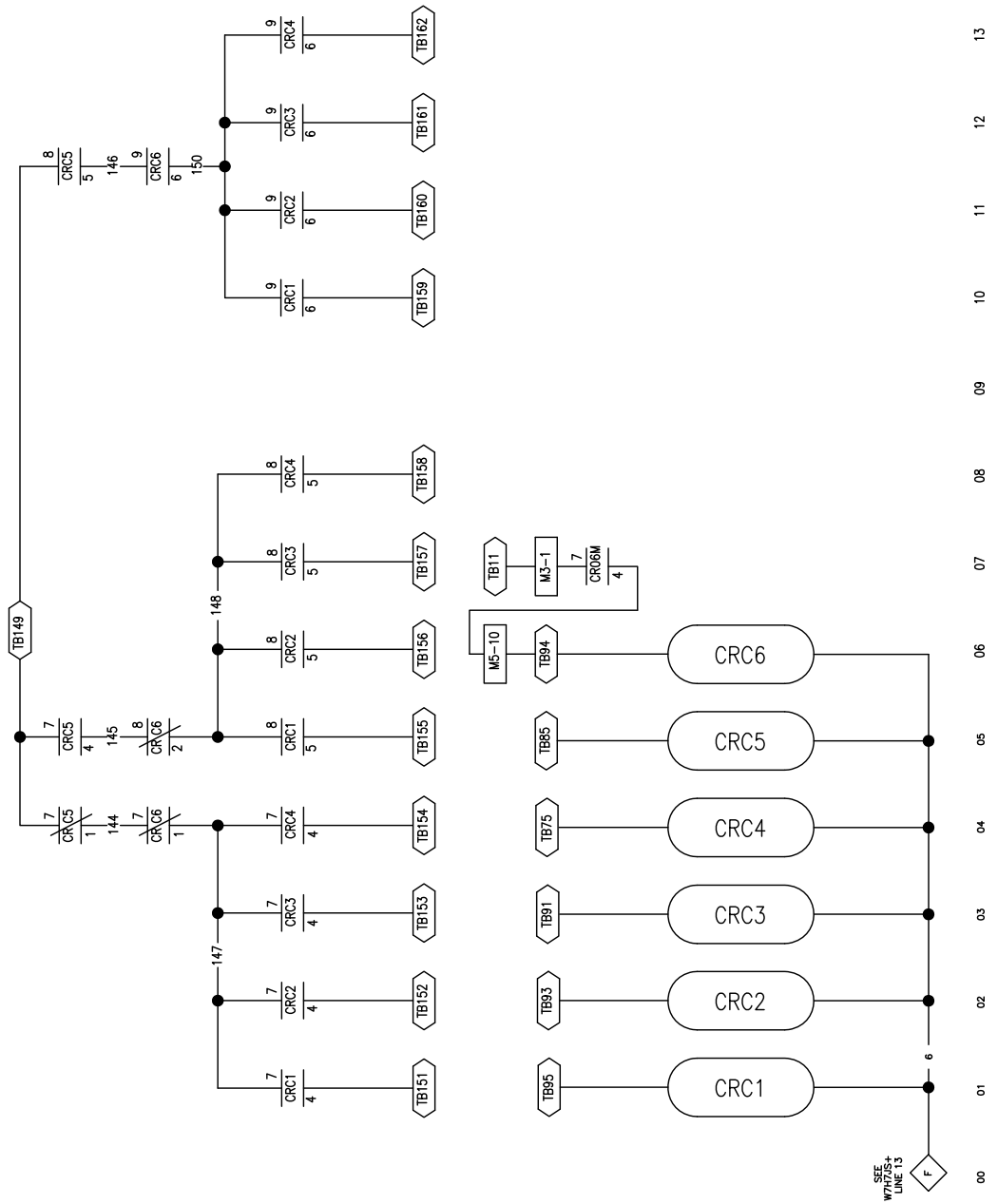


W7H7JCFD

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12 flushing supplies
12 rødmen forsyninger



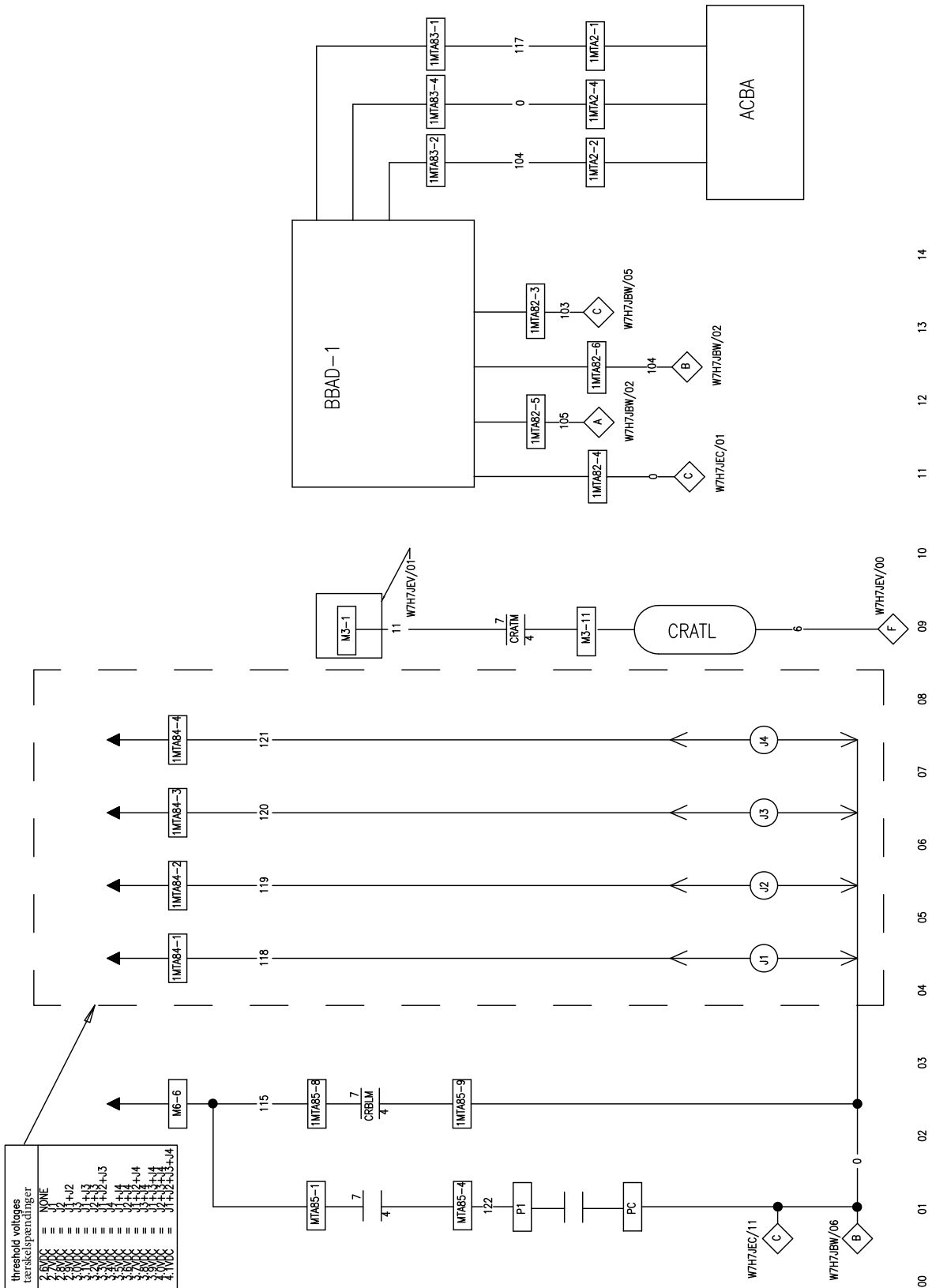
W7H7JCMD

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threshold voltages	terskelspændinger
2.6VDC	NONE
2.5VDC	J1
2.4VDC	J1+J2
2.3VDC	J1+J3
2.2VDC	J1+J2+J3
2.1VDC	J1+J2+J3+J4
2.0VDC	J1+J2+J3+J4
1.9VDC	J1+J2+J3+J4
1.8VDC	J1+J2+J3+J4
1.7VDC	J1+J2+J3+J4
1.6VDC	J1+J2+J3+J4
1.5VDC	J1+J2+J3+J4
1.4VDC	J1+J2+J3+J4
1.3VDC	J1+J2+J3+J4
1.2VDC	J1+J2+J3+J4
1.1VDC	J1+J2+J3+J4
1.0VDC	J1+J2+J3+J4
0.9VDC	J1+J2+J3+J4
0.8VDC	J1+J2+J3+J4
0.7VDC	J1+J2+J3+J4
0.6VDC	J1+J2+J3+J4
0.5VDC	J1+J2+J3+J4
0.4VDC	J1+J2+J3+J4
0.3VDC	J1+J2+J3+J4
0.2VDC	J1+J2+J3+J4
0.1VDC	J1+J2+J3+J4
0.0VDC	J1+J2+J3+J4

extract speed limit control
ekstrakt hastighedsbegrænsning kontrol

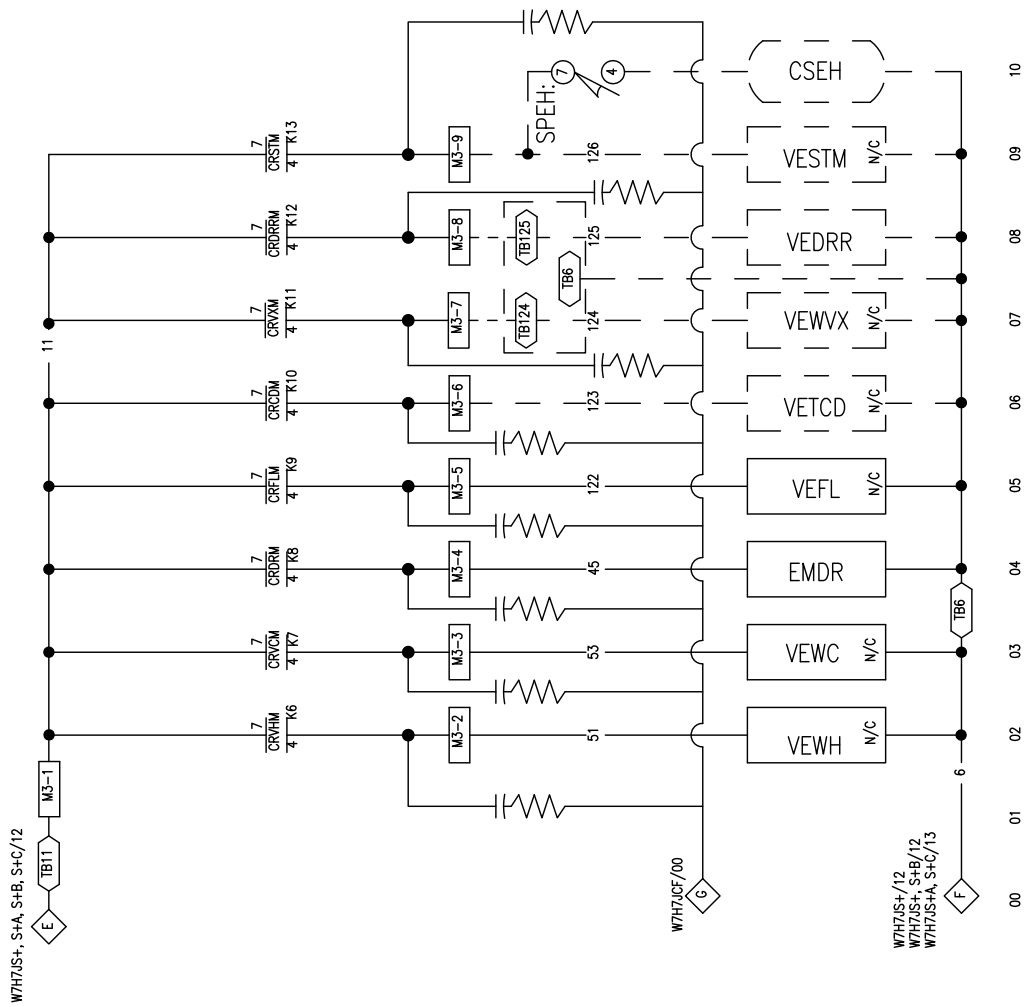


W7H7JEC D

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electric valves
elektriske ventiler



W7H7JEVD

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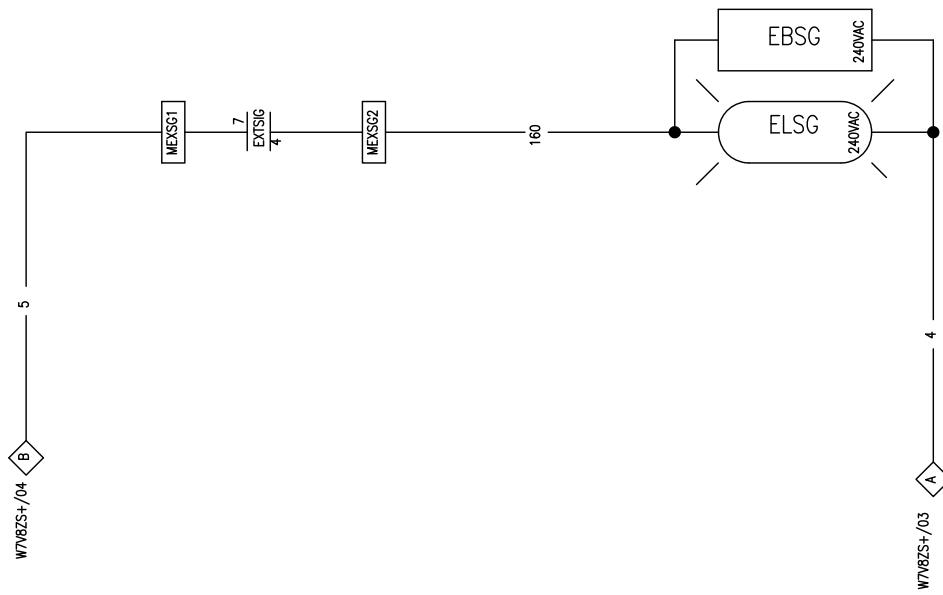
2017166A

external signal
eksternt signal

W7H7JESD

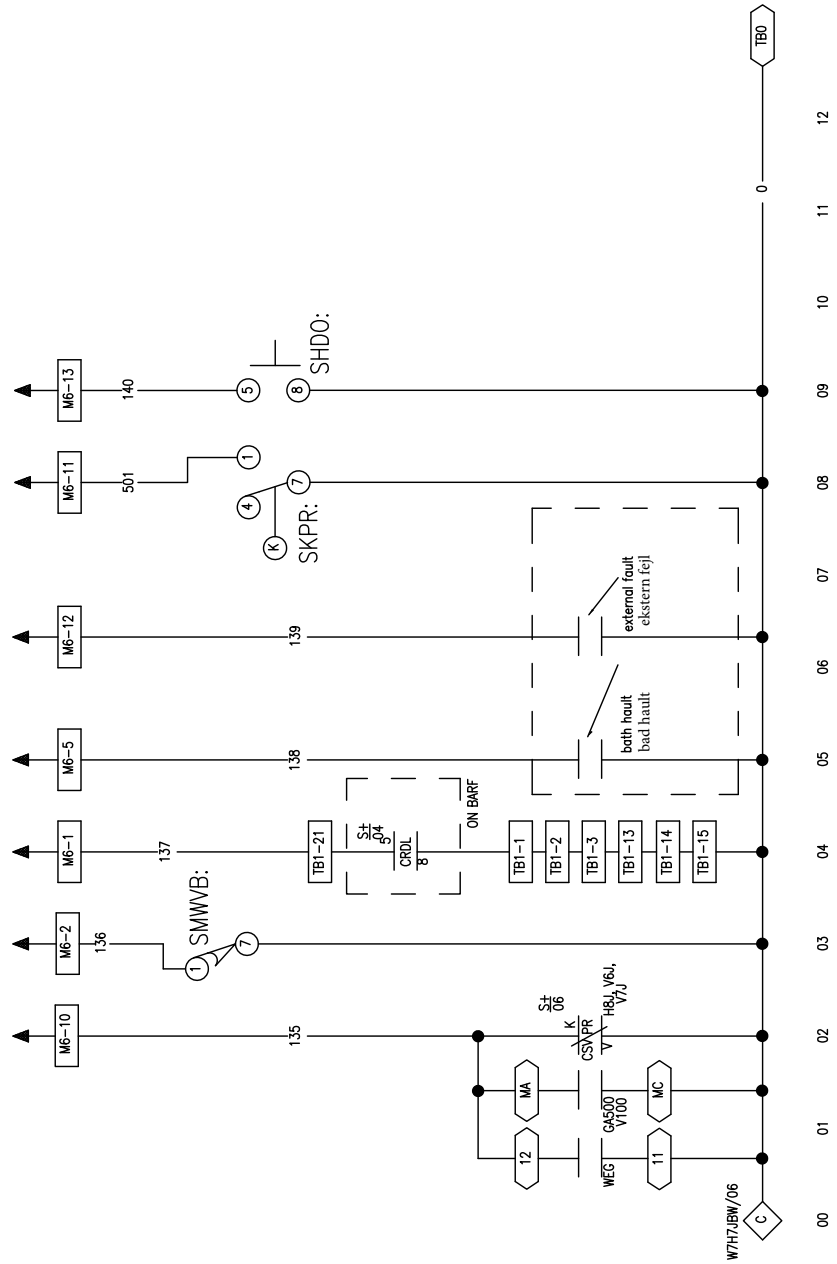
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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

inputs
indgange



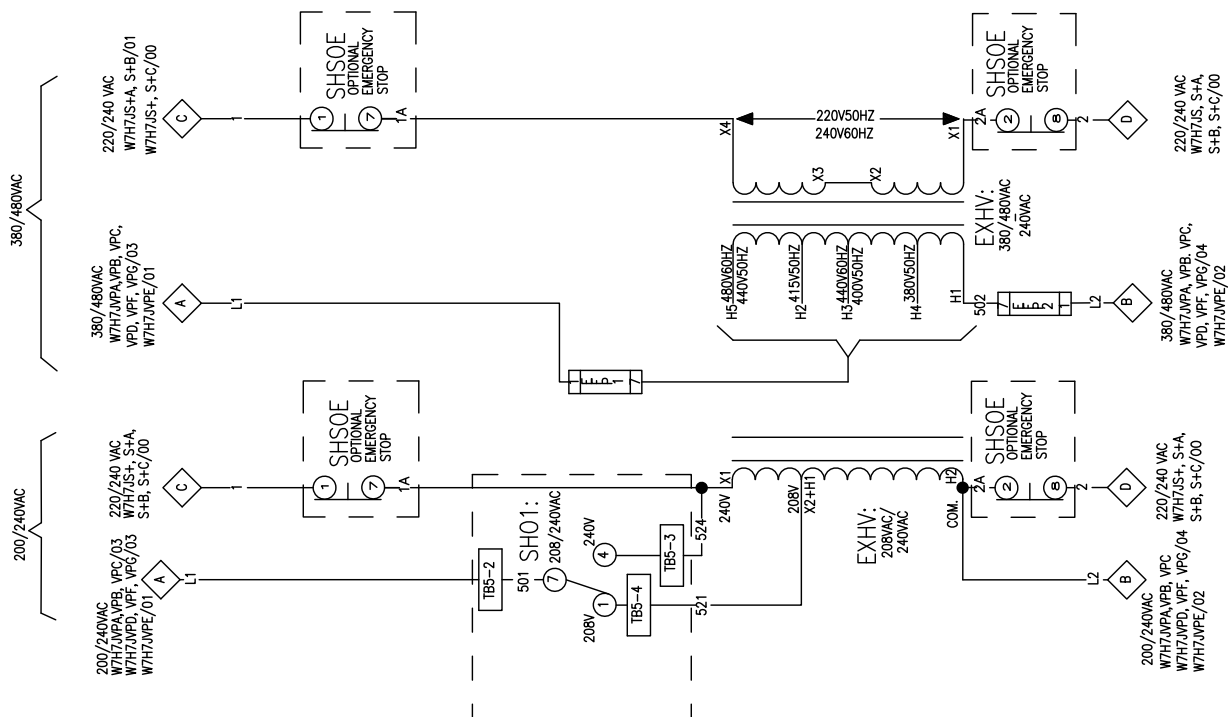
W7H7JIBD

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control circuit

styrekredsen



W7H7JLVD

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2023353A

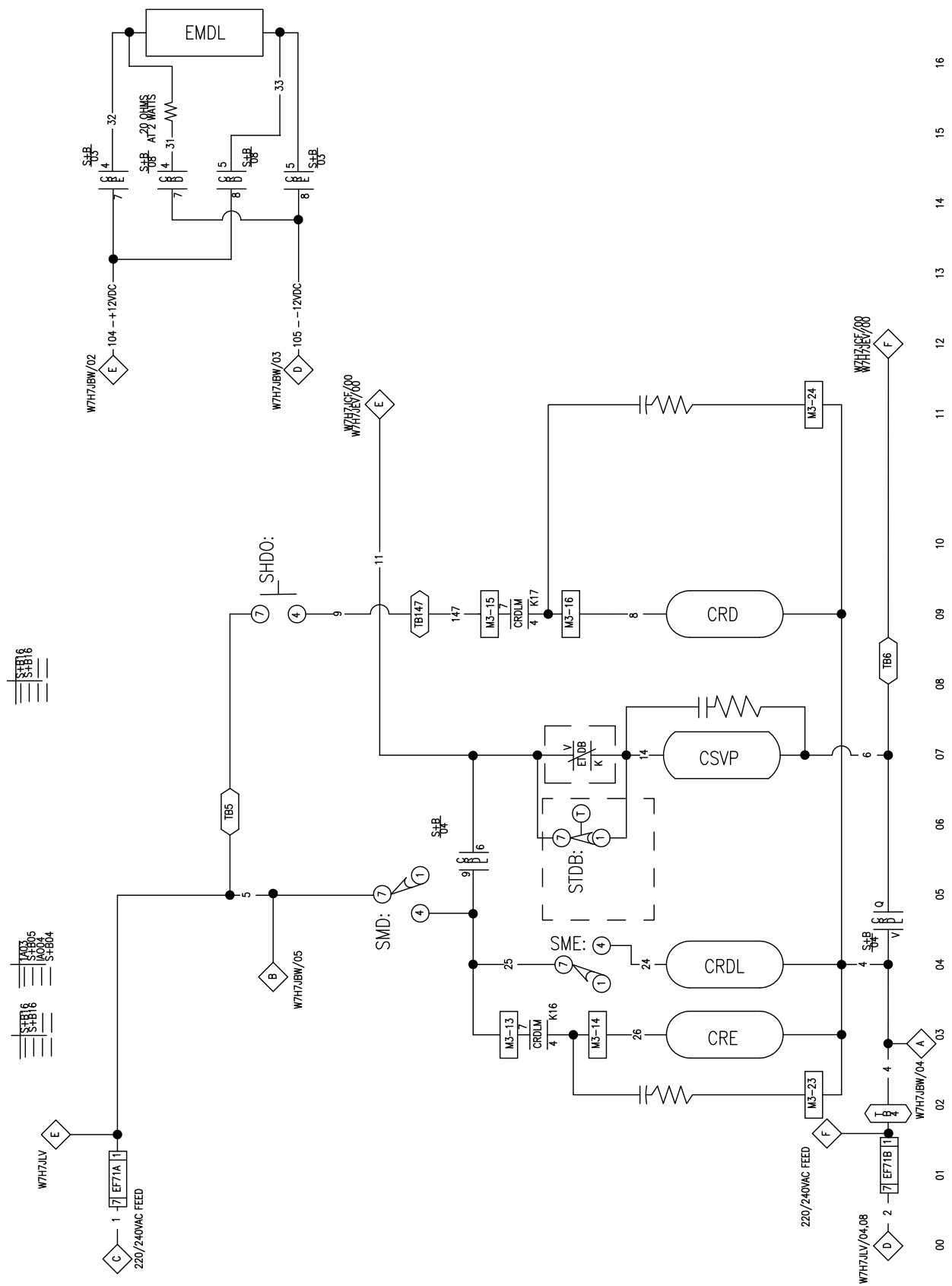
01 02 03 04 05 06 07 08 09 10 11 12 13

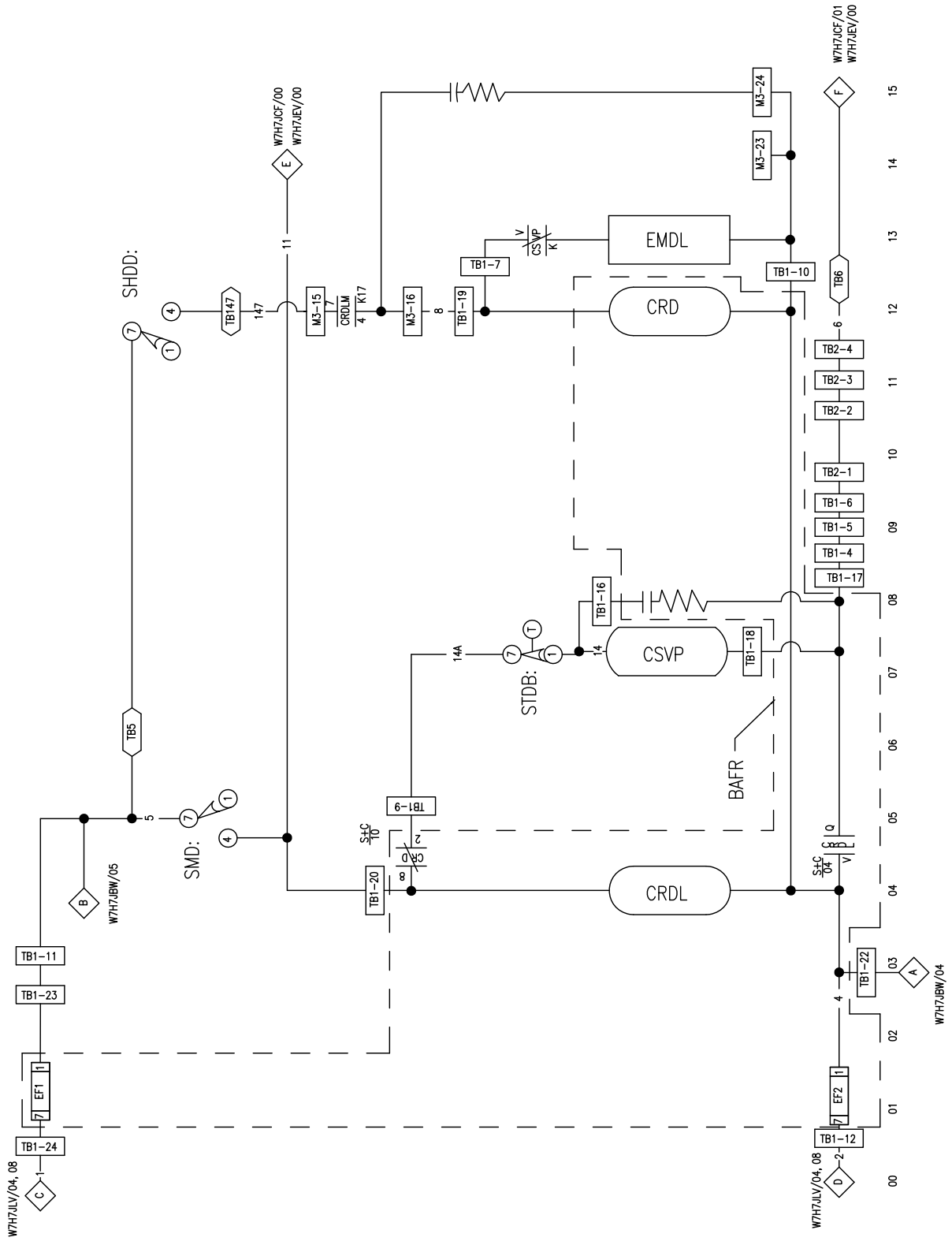
H8J start circuit
H8J Start kredsløb

W7H7JS+BD

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2017166A





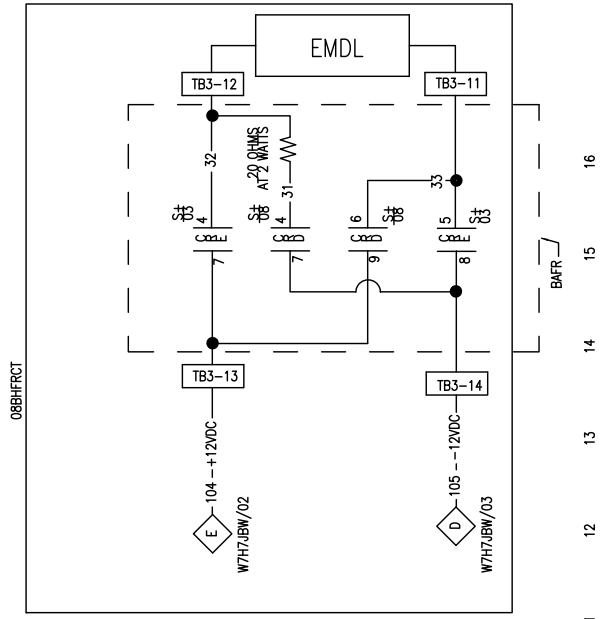
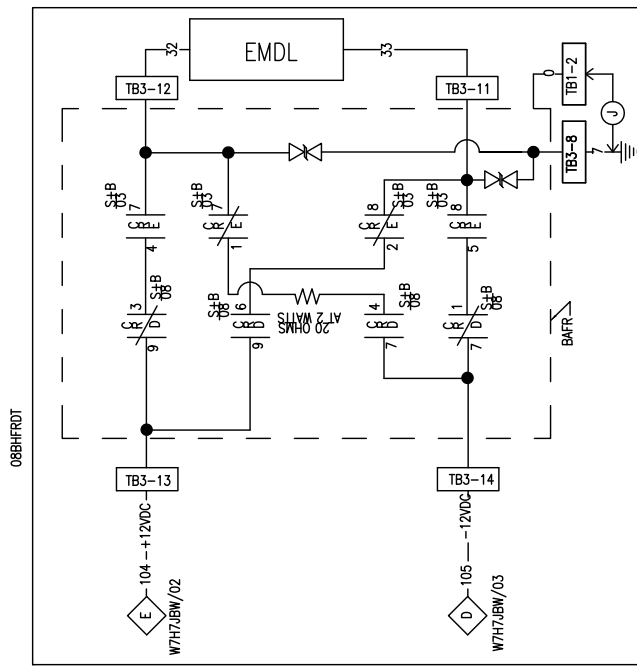
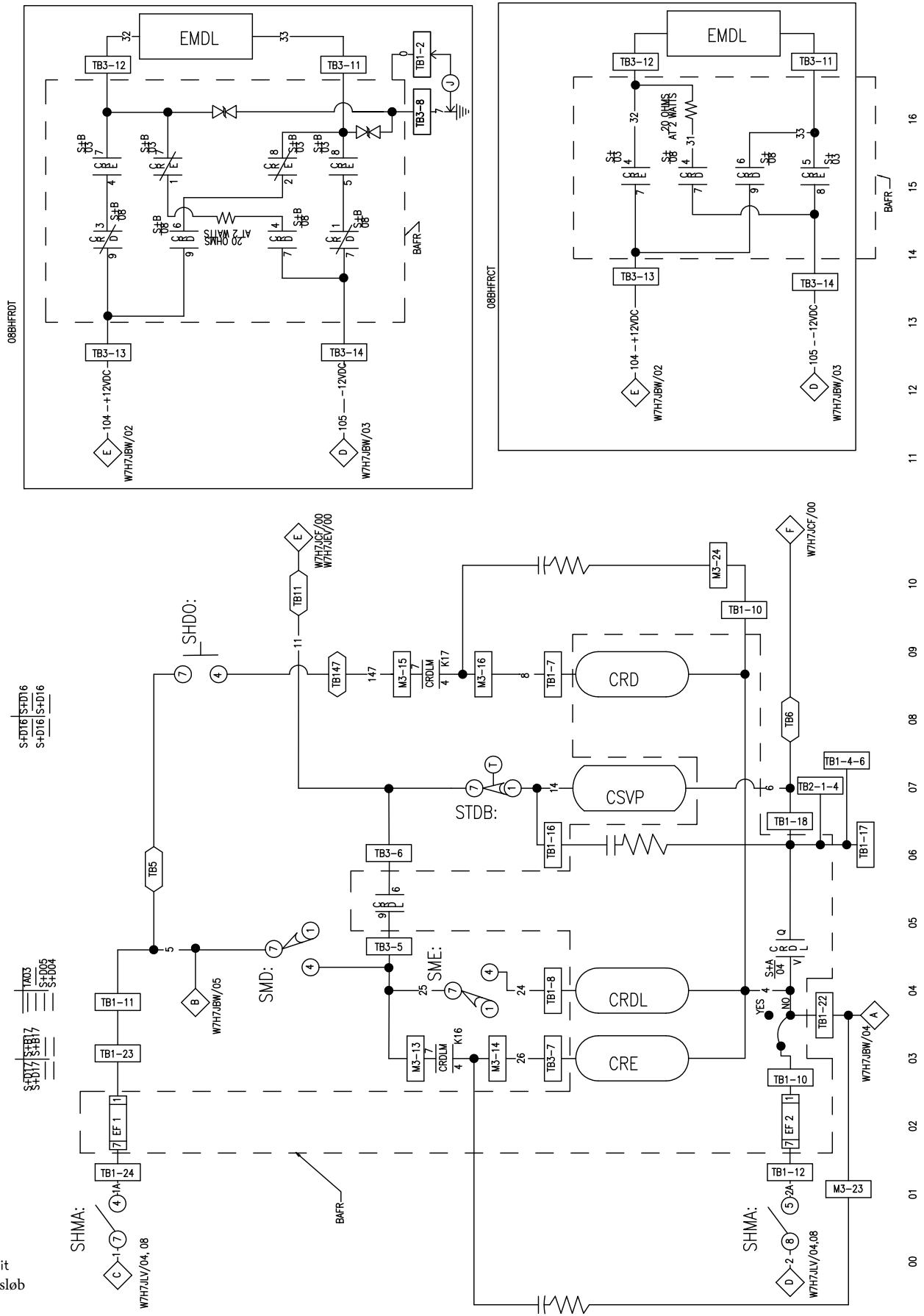
V#J, T#J start circuit
 V#J, T#J starte kredsløb

W7H7JS+C D

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2017166A

VRJ start circuit
VRJ starte kredsløb

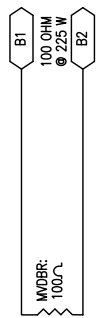


W7H7JS+DD

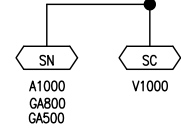
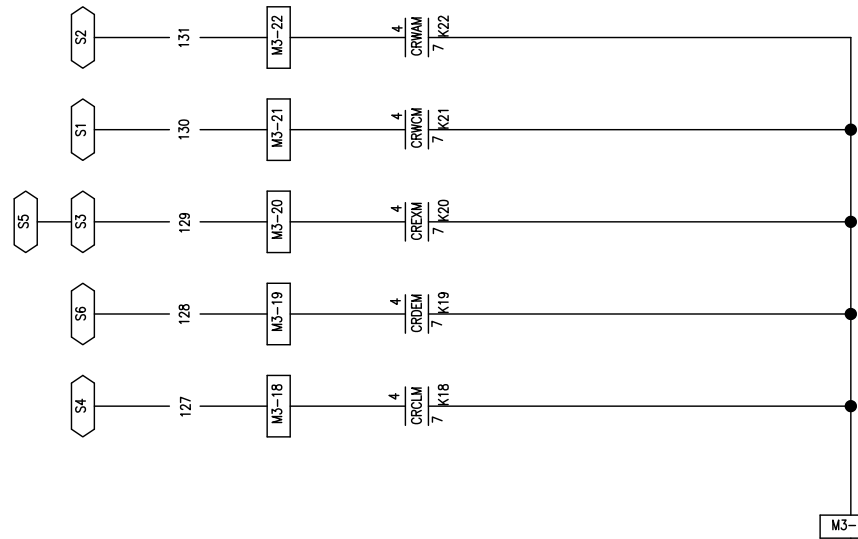
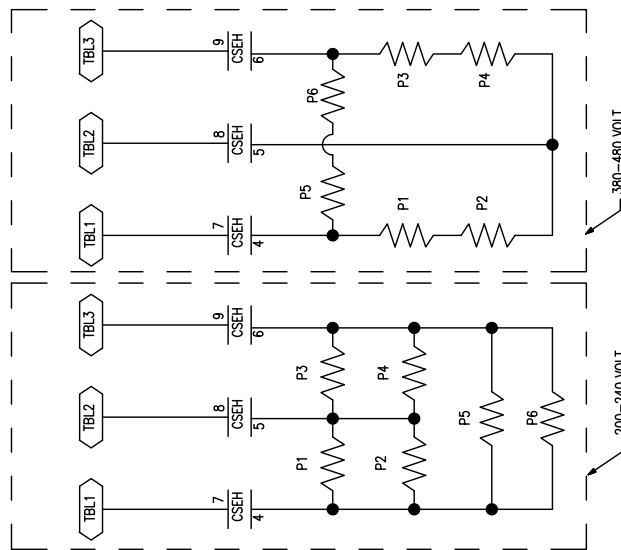
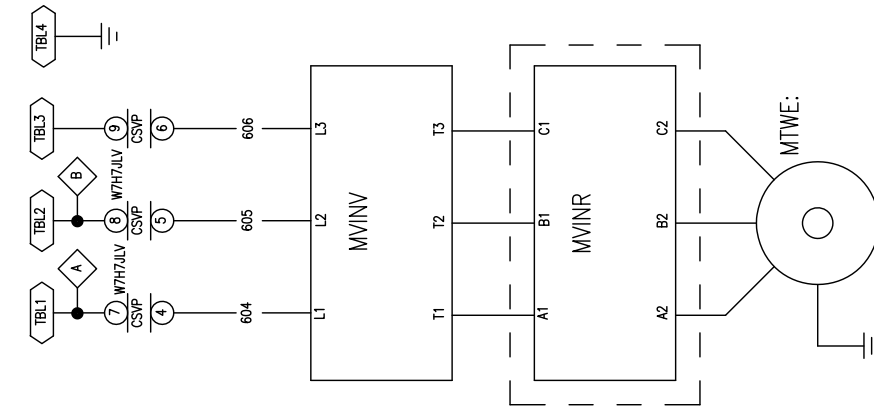
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V#J, H#J inverter
 V#J, H#J Inverter



	K21	K22	K18	K19	K20
wash / vaskje	X				
wash / vaskje	X		X		
RinSove®	X		X	X	
drain / dræne	X		X	X	
extract / ekstrakt 1	X		X	X	X
extract / ekstrakt 2	X		X	X	X
extract / ekstrakt 3	X		X	X	X
cost / kyst	X				X



W7H7JVPFD

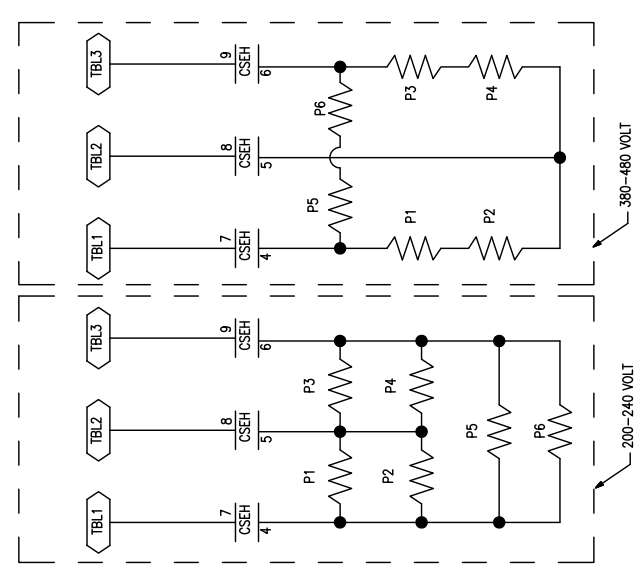
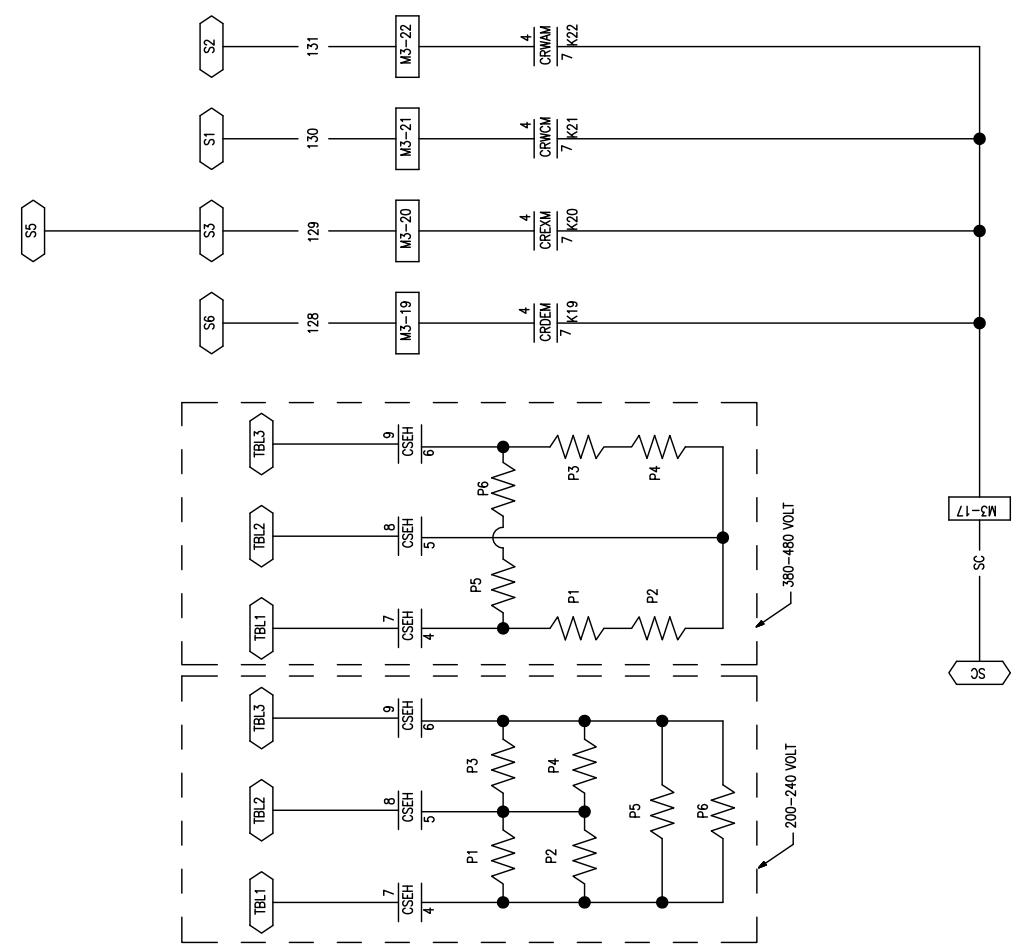
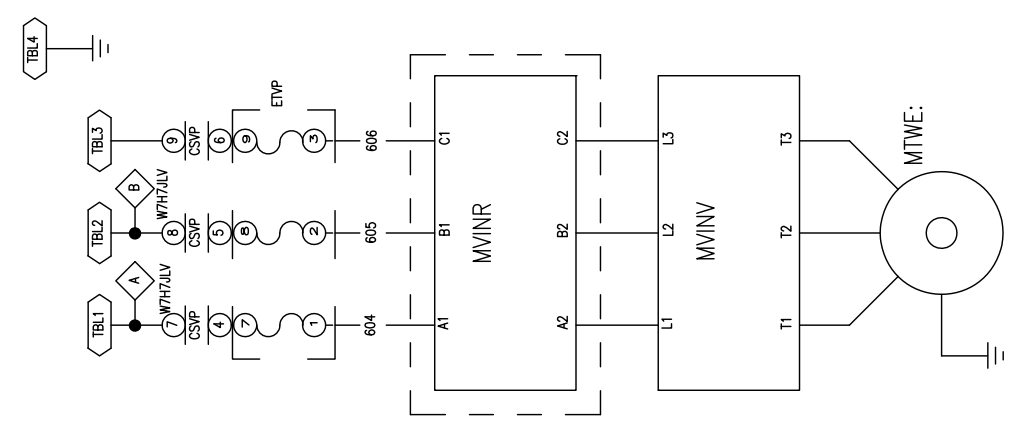
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T5J inverter
T5J Inverter

	K21	K22	K18	K19	K20
wash / vasko	X				
drain / drena	X			X	
extract / ekstrakt	X				X



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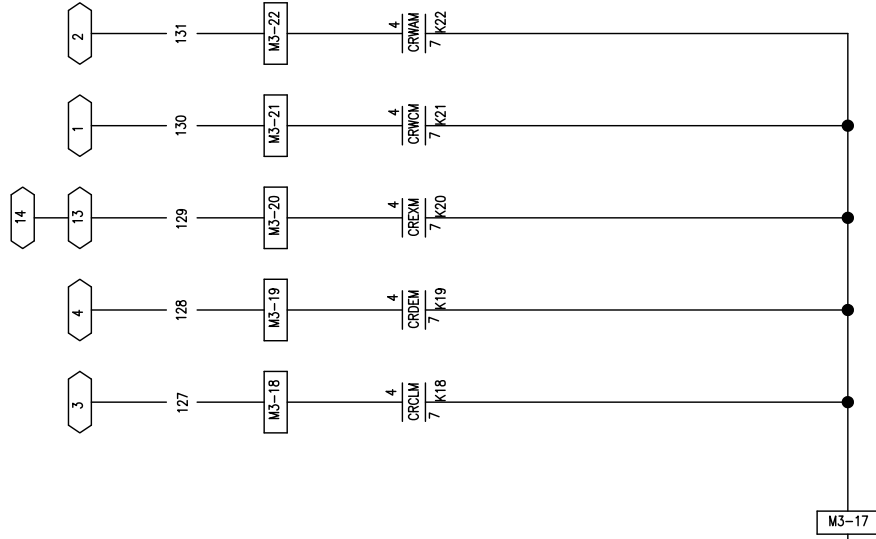
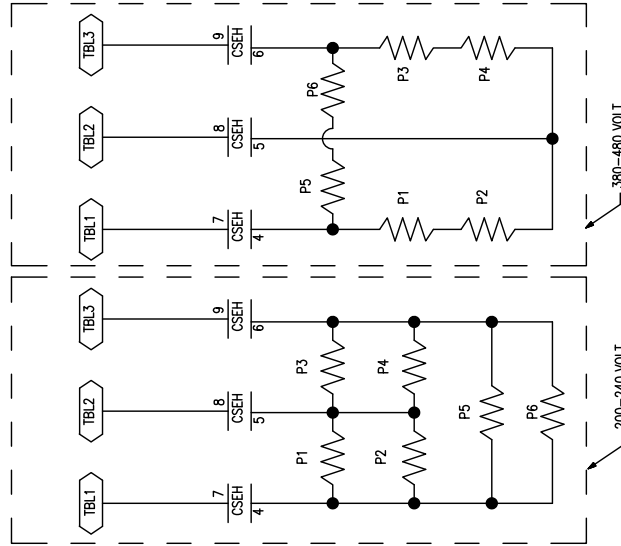
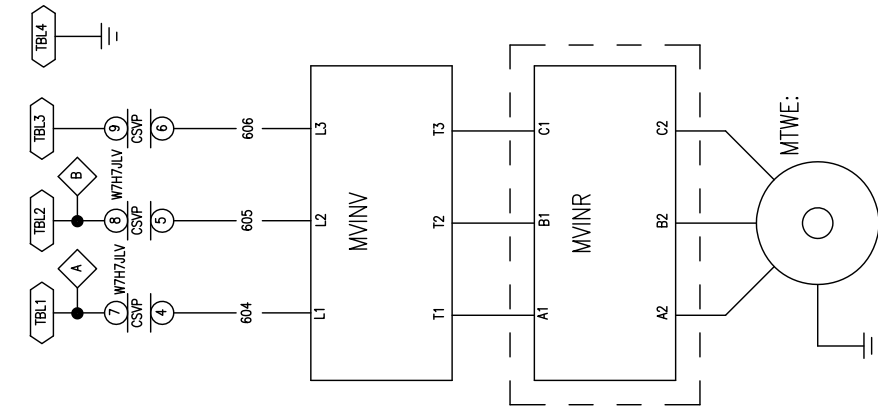
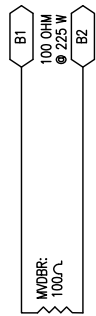
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V#J, H#J WEG inverter
 V#J, H#J WEG inverter



	K21	K22	K18	K19	K20
wash / vaske	X				
wash / vaske	X		X	X	
RinSove®	X		X	X	
drain / dræne	X		X	X	
extract / ekstrakt 1	X		X	X	
extract / ekstrakt 2	X		X	X	
extract / ekstrakt 3	X		X	X	
coast / kyst	X				X



W7H7JVPHD

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