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30022/36026X8J, 42026/ 42032X7J, 48040F7B/J



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56	electric heat / aquecimento elétrico	W7X8JEHP/2012396A
57	30/36/42X_J, 48F7J electric valves / Válvulas elétricas	W7X8JEVP/2015205A
58	48040F7B electric valves / Válvulas elétricas	W7X8JEVAP/2012232A
59	hydraulic door / porta hidráulica	W7X8JHDP/2012232A

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60	control transformers / transformador de controle	W7X8JLVP/2021505A
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62	48040F7B tilting circuit / circuito de inclinação	W7X8JRHP/2016515A
63	30022X8J, start circuit / Circuito de partida	W7X8JS+_P/2016432A
64	36, 42x_J start circuit / Circuito de partida	W7X8JS+AP/2016432A
65	48040F7B start circuit / Circuito de partida	W7X8JS+BP/2016432A
66	48040F7J, start circuit / Circuito de partida	W7X8JS+CP/2016432A
67	30, 36, 42X_J 3PH speed controller / controlador de velocidade	W7X8JVPAP/2015163A
68	30, 36, 42X_J 1PH speed controller / controlador de velocidade	W7X8JVPBP/2015163A
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English / 中国的

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

1. **English**
 2. Chinese
-

這個電路指南中的文字以下語言提供：

1. 英語
 2. 中文
-



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



阅读单独的安全手册在安装，操作或维修前

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

如何获取必要的维修组件

您可以从您购买机器的授权供应商处获取组件以维修您的设备。您的供应商通常会在库存中存有必要的组件。您还可以从美国美罗 (Milnor) 工厂获取组件。

如需获得某一组件，请告知供应商对应的机器型号、序列号和以下数据：

- 本手册所示的组件编号
- 组件名称，如果已知
- 所需要的数量
- 必要的运输要求
- 电路图编号
- 如果组件是电动机或电气控制元件，请提供原组件的铭牌数据。

美国美罗公司

邮箱 400
肯纳，路易斯安那州 70063-0400
美国

电话： 504-467-2787
传真： 504-469-9777
电子邮件： parts@milnor.com

MC7X8J11AX

W7X8JPLC/2023014N

AC			
ACBA	<7-2022	W7X8JEC	EACCLRM3
ACBA	>7-2022	W7X8JEC	EACCLRM8
BA			
BADV		W7X8JBW	08BHEPSPBT
BADV	<MODEL AZ	W7X8JBWA	08BHEPSPCT
BADV	>MODEL AZ	W7X8JBWA	98CMCR1823
BAFR		W7X8JS+	08BHFRCT
BAFR		W7X8JS+A	08BHFRCT
BAUP		W7X8JBW	08BH18EPDT
BAUP	<MODEL AZ	W7X8JBWA	08BH18EPDT
BAUP	>MODEL AZ	W7X8JBWA	98CMCR1822
BBAD-1		W7X8JEC	08BSBADCTE
CL			
CLA		W7X8JS+A	09CL2C-C71
CLA		W7X8JS+B	09CL2C-C71
CLA		W7X8JS+C	09CL2C-C71
CLA-CHOKE		W7X8JS+A	10YCLCHOKE
CLA-CHOKE		W7X8JS+B	10YCLCHOKE
CLA-CHOKE		W7X8JS+C	10YCLCHOKE
CR			
CRA		W7X8JS+B	09C024D71
CRA		W7X8JS+C	09C024D71
CRALT		W7X8JEC	09C024D71
CRC1		W7X8JCM	09C024D71
CRC2		W7X8JCM	09C024D71
CRC3		W7X8JCM	09C024D71
CRC4		W7X8JCM	09C024D71
CRC5		W7X8JCM	09C024D71
CRC6		W7X8JCM	09C024D71
CRD		W7X8JS+	09C024D71
CRD		W7X8JS+A	09C024D71
CRD		W7X8JS+B	09C024D71
CRD		W7X8JS+C	09C024D71
CRDB		W7X8JS+B	09C024D71
CRDL		W7X8JS+	09C024D71
CRDL		W7X8JS+A	09C024D71
CRDL		W7X8JS+B	09C024D71
CRDL		W7X8JS+C	09C024D71
CRDRA		W7X8JSRH	09C024D71
CRE		W7X8JS+	09C024D71
CREI		W7X8JS+B	09C024D71
CREI		W7X8JS+C	09C024D71
CRFDL		W7X8JSRH	09C024D71
CRFDR		W7X8JSRH	09C024D71
CRRDL		W7X8JSRH	09C024D71
CRRDR		W7X8JSRH	09C024D71
CS			
CSDO		W7X8JHD	09MC08C371
CSVS	<MODEL AZ	W7X8JS+	09MC08C371

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CSVS	>MODEL AZ	W7X8JS+	98CMCR3004
CSVS		W7X8JS+A	09MC08G371
CSVS	>MODEL AZ	W7X8JS+A	98CMCR3601
CSVS	<MODEL AZ	W7X8JS+A	09MC08G371
CSVS	<MODEL AZ	W7X8JS+A	09MC08G371
CSVS	>MODEL AZ	W7X8JS+A	98CMCR4201
CSVS	>MODEL AZ	W7X8JS+A	98CMCR4202
CSVS		W7X8JS+B	09MC08E371
CSVS		W7X8JS+C	09MC08E371
CSVS	30022 >MODEL AZ	W7X8JS+	98CMCR3004
CSVS	3626/4226-32	W7X8JVPA	09MC08G371
CSVS		W7X8JVPB	09MC08C371
CSVS		W7X8JVPC	09MC08G371
CSVS		W7X8JVPC	09MC08N371
EF			
EF1		W7X8JS+	09FF002AMG
EF1		W7X8JS+A	09FF002AMG
EF2		W7X8JS+	09FF002AMG
EF2		W7X8JS+A	09FF002AMG
EFP1		W7X8JLV	09FF005AWN
EFP2		W7X8JLV	09FF005AWN
EM			
EMDL		W7V8ZS+	09K063C24
ES			
ESPS		W7V8ZBW	08PSS3401T
ESPS	<MODEL AZ	W7X8JBWA	08PSS3401T
ESPS	>MODEL AZ	W7X8JBWA	98CMCR3003
ET			
ETDB		W7X8JVPA	09F024A
ETDB		W7X8JVPB	09F024A
ETDB		W7X8JVPC	09FTD0121T
ETDB		W7X8JVPC	09FTD0230T
ETVS	30022	W7X8JVPA	09FTD0120T
ETVS		W7X8JVPA	09FTD0121T
ETVS	>MODEL AZ	W7X8JVPA	98CMCR3005
ETVS	>MODEL AZ	W7X8JVPA	98CMCR3006
ETVS	>MODEL AZ	W7X8JVPA	98CMCR3602
ETVS	>MODEL AZ	W7X8JVPA	98CMCR3603
ETVS	>MODEL AZ	W7X8JVPA	98CMCR4203
ETVS	>MODEL AZ	W7X8JVPA	98CMCR4204
ETVS		W7X8JVPB	09FTD0120T
EX			
EXHV	208-240VAC <MODEL AZ	W7V8ZLV	09UB25AT71
EXHV	208-240VAC >MODEL AZ	W7V8ZLV	98CMCR0902
EXHV	380/480V TO 240V	W7V8ZLV	09UA025AAB
EXHV	600V TO 240V	W7V8ZLV	09U251AB71
MT			
MTVP		W7X8JS+A	13AF100A71
MTVP		W7X8JS+B	13AF100A71
MTVP		W7X8JS+C	13AF100A71

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MTWE		W7X8JVPA	MESSAGE SO
MTWE		W7X8JVPB	MESSAGE SO
MTWE		W7X8JVPC	MESSAGE SO
MV			
MVDBR	30022	W7X8JVPA	09MV100RES
MVDBR	36-42>250V	W7X8JVPA	09MV050REV
MVDBR	42<250V	W7X8JVPA	09MV010REV
MVDBR		W7X8JVPB	09MV100RES
MVDBR	48<250V	W7XRJVPC	09MV11DBRL
MVDBR	48>250V	W7XRJVPC	09MV11DBRH
MVINV		W7X8JVPA	MASSAGE EW
MVINV-H	30022>250V	W7X8JVPA	09MWB00996
MVINV-H	36026>250V	W7X8JVPA	09MWB01896
MVINV-H	42026>250V	W7X8JVPA	09MWB02496
MVINV-H	42032>250V	W7X8JVPA	09MWB02496
MVINV-H	48040>250V	W7X8JVPC	09MWE03996
MVINV-H	48040>250V	W7X8JVPC	09MWC03996
MVINV-L	30022<250V	W7X8JVPA	09MWB01774
MVINV-L	36036<250V	W7X8JVPA	09MWB03374
MVINV-L	42026<250V	W7X8JVPA	09MWB04774
MVINV-L	42032<250V	W7X8JVPA	09MWB04774
MVINV-L	48040<250V	W7X8JVPC	09MWE07574
MVINV-L	48040<250V	W7X8JVPC	09MWC07574
PX			
PXDO		W7X8JRH	09RPS18CAS
PXFDL		W7X8JRH	09RPS12AAS
PXFDR		W7X8JRH	09RPS12AAS
PXRDL		W7X8JRH	09RPS12AAS
PXRDR		W7X8JRH	09RPS12AAS
SH			
SH01	208/240VAC	W7X8JLV	09N050
SHCW		W7X8JVPC	09N405M320
SHDO		W7X8JIA	09N405PB10
SHDO		W7X8JS+	09N405PB10
SHDO		W7X8JS+A	09N405PB10
SHDO		W7X8JS+B	09N405PB10
SHDO		W7X8JS+C	09N405PB10
SHES		W7X8JS+	09N508A
SHES		W7X8JS+A	09N508A
SHES		W7X8JS+B	09N508A
SHES		W7X8JS+C	09N508A
SHFR		W7X8JRH	09N405M320
SHMF		W7X8JEV	09N405PB10
SHMF		W7X8JEVA	09N405PB10
SHSMA		W7X8JS+	09N405M220
SHSMA		W7X8JS+A	09N405M220
SHSMA		W7X8JS+B	09N405M220
SHSMA		W7X8JS+C	09N405M220
SHU		W7X8JRH	09N405S320
SHWCF		W7X8JCF	09N405PB10

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SHWDO		W7X8JHD	09N405S320
SHWDO		W7X8JS+B	09N405S320
SK			
SKPR		W7X8JIA	09N127C
SM			
SMD		W7X8JS+	09R010D
SMD		W7X8JS+A	09R014A
SMD		W7X8JS+B	09R014A
SMD		W7X8JS+C	09R014A
SMDE		W7X8JS+A	09R012
SMDE		W7X8JS+B	09R012
SMDE		W7X8JS+C	09R012
SME		W7X8JS+	09R010D
SMEX		W7X8JIA	09R008ASTD
SMWVB		W7X8JIA	SAE03 151
SP			
SPA		W7X8JS+A	09N082A
SPBP		W7X8JIA	09N082B05
SPBS		W7X8JIA	09N082A
SPD		W7X8JS+A	09N082B10
SPD		W7X8JS+B	09N082B10
SPD		W7X8JS+C	09N082B10
ST			
STDB		W7X8JS+	30RA175T
STDB		W7X8JS+A	30RA175T
STDB		W7X8JS+B	30RA175T
STDB		W7X8JS+C	30RA175T
VE			
VEBP		W7X8JS+A	96TBC2BA71
VEBP		W7X8JS+B	96TBC2BA71
VEBP		W7X8JS+C	96TBC2BA71
VEBR		W7X8JS+A	96R301B71
VEBR		W7X8JS+B	96R301B71
VEBR		W7X8JS+C	96R301B71
VEC01		W7X8JCF	96P013B71
VEC02		W7X8JCF	96P013B71
VEC03		W7X8JCF	96P013B71
VEC04		W7X8JCF	96P013B71
VEC05		W7X8JCF	96P013B71
VECD	30022	W7X8JEV	96P057A71
VECD	36026	W7X8JEV	96P056A71
VECD	42026&42032	W7X8JEV	96P152A71
VECD	48040	W7X8JEV	96R301B71
VECD	48040	W7X8JEVA	96R301B71
VED		W7X8JRH	96R301B71
VEDL	36+42 <MODEL AZ	W7X8JS+A	96R301B71
VEDL	36+42 >MODEL AZ	W7X8JS+A	98CMCR3001
VEDL		W7X8JS+B	96R301B71
VEDL		W7X8JS+C	96R301B71
VEDR		W7X8JEV	96D350A71

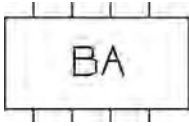
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W7X8JPLC/2023014N

VEDR	48040F7J	W7X8JEV	96R301B71
VEDR	48040F7B	W7X8JEVA	96R301B71
VEDRR		W7X8JEV	96D350B71
VEDRR	48040F7J	W7X8JEV	96R301B71
VEDRR	48040F7B	W7X8JEVA	96R301B71
VEF		W7X8JRH	96R301B71
VEFL	30022	W7X8JEV	96P057A71
VEFL	36026,42026, & 42032	W7X8JEV	96P056A71
VEFL	48040F7J	W7X8JEVA	96R301B71
VEFL	48040F7B	W7X8JEVA	96R301B71
VEFLS		W7X8JEV	96P013G71
VEFLS		W7X8JEVA	96P013G71
VEHDC		W7X8JHD	96RH706E71
VEHDL		W7X8JS+B	96R301B71
VEHDO		W7X8JHD	96RH706E71
VEPPO	36+42 <MODEL AZ	W7X8JS+A	96R302B71
VEPPO	36+42 >MODEL AZ	W7X8JS+A	98CMCR3002
VEPPO		W7X8JS+B	96R302B71
VEPPO		W7X8JS+C	96R302B71
VESTM	36026,42026&32 <MODEL AZ	W7X8JEV	96P040A71
VESTM	36026,42026&32 >MODEL AZ	W7X8JEV	98CMCR3001
VESTM	48040F7J	W7X8JEV	96R301B71
VESTM	48040F7B	W7X8JEVA	96R301B71
VEU		W7X8JRH	96R301B71
VEWC	30022	W7X8JEV	96P057A71
VEWC	36026 <MODEL AZ	W7X8JEV	96P056A71
VEWC	36026 <MODEL AZ	W7X8JEV	98CMCR3001
VEWC	4226&32 <MODEL AZ	W7X8JEV	96P152A71
VEWC	4226&32 >MODEL AZ	W7X8JEV	98CMCR3001
VEWC	48040F7J	W7X8JEV	96R301B71
VEWC	48040F7B	W7X8JEVA	96R301B71
VEWH	30022	W7X8JEV	96P057A71
VEWH	36026 <MODEL AZ	W7X8JEV	96P056A71
VEWC	36026 >MODEL AZ	W7X8JEV	98CMCR3001
VEWH	4226&32 <MODEL AZ	W7X8JEV	96P152A71
VEWC	4226&32 >MODEL AZ	W7X8JEV	98CMCR3001
VEWH	4840F7J	W7X8JEV	96R301B71
VEWH	48040F7B	W7X8JEVA	96R301B71
VEWVX	30022	W7X8JEV	96P057A71
VEWVX	36026	W7X8JEV	96P056A71
VEWVX	42026 & 42032	W7X8JEV	96P152A71
VEWVX	48040F7J	W7X8JEV	96R301B71
VEWVX	4840F7B	W7X8JEVA	96R301B71

Legend of Symbols

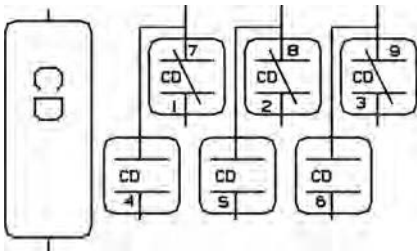
常用符号表



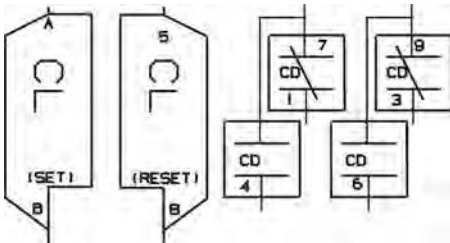
BA = Printed Circuit Board
印刷电路板



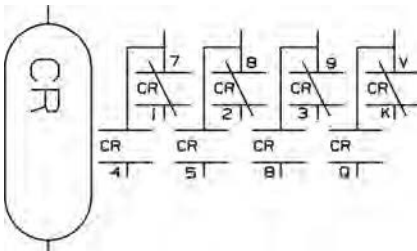
CB = Circuit Breaker
断路器



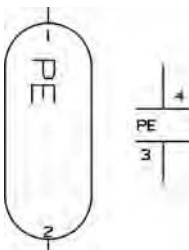
CD = Time Delay Relay
延时继电器



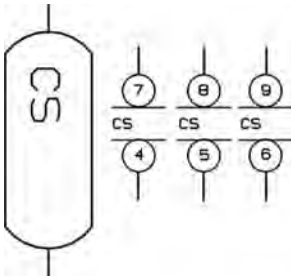
CL = Latch Relay
锁存继电器



CR = Relay
继电器



CP = Photo-Eye
光眼



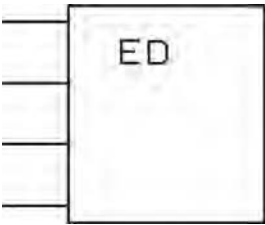
CS = Contactor/Motor Starter
接触器/电动机起动器



EB = Audible Signal
声音信号



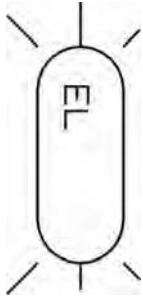
EC = Clutch
离合器



ED = Electronic Display
电子显示屏



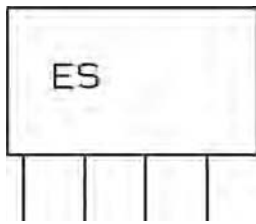
EF = Fuse
保险丝



EL = Light
灯



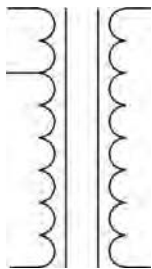
EM = Electro Magnatic Solenoid
电磁线圈



ES = Electronic Power Supply
电子电源



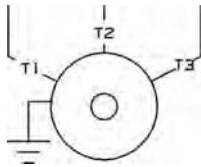
ET = Thermal Overload
热过载



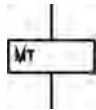
EX = Transformer
变压器

KB = Keyboard/Keypad
键盘/键盘

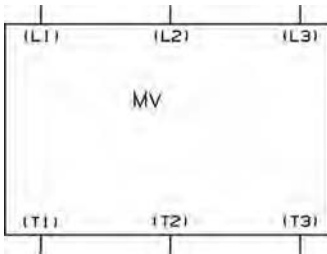
MN = Electronic Monitor
电子显示监控器



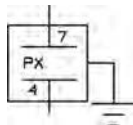
MR = Motor
马达



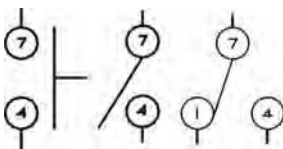
MT = Board Connector
板连接器



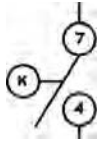
MV = Motor Inverter
电机变频器逆变器



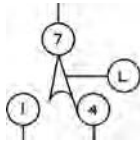
PX = Proximity Switch
接近开关



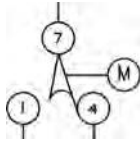
SH = Switch Hand Operated
切换手动操作



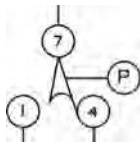
SK = Switch Key Operated
切换通过按键操作



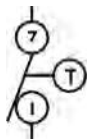
SL = Switch Level Operated
液位开关



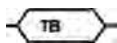
SM = Switch Mechanically Operated
机械操作开关



SP = Switch Pressure Operated
开关压力



ST = Switch Temperature Operated
温度开关



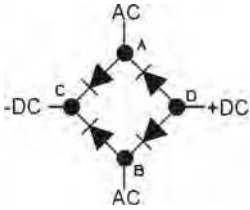
TB = Terminal Block
接线端子



VE = Valve Electrically Operated
电磁阀



WC = Wiring Connector
接线连接器

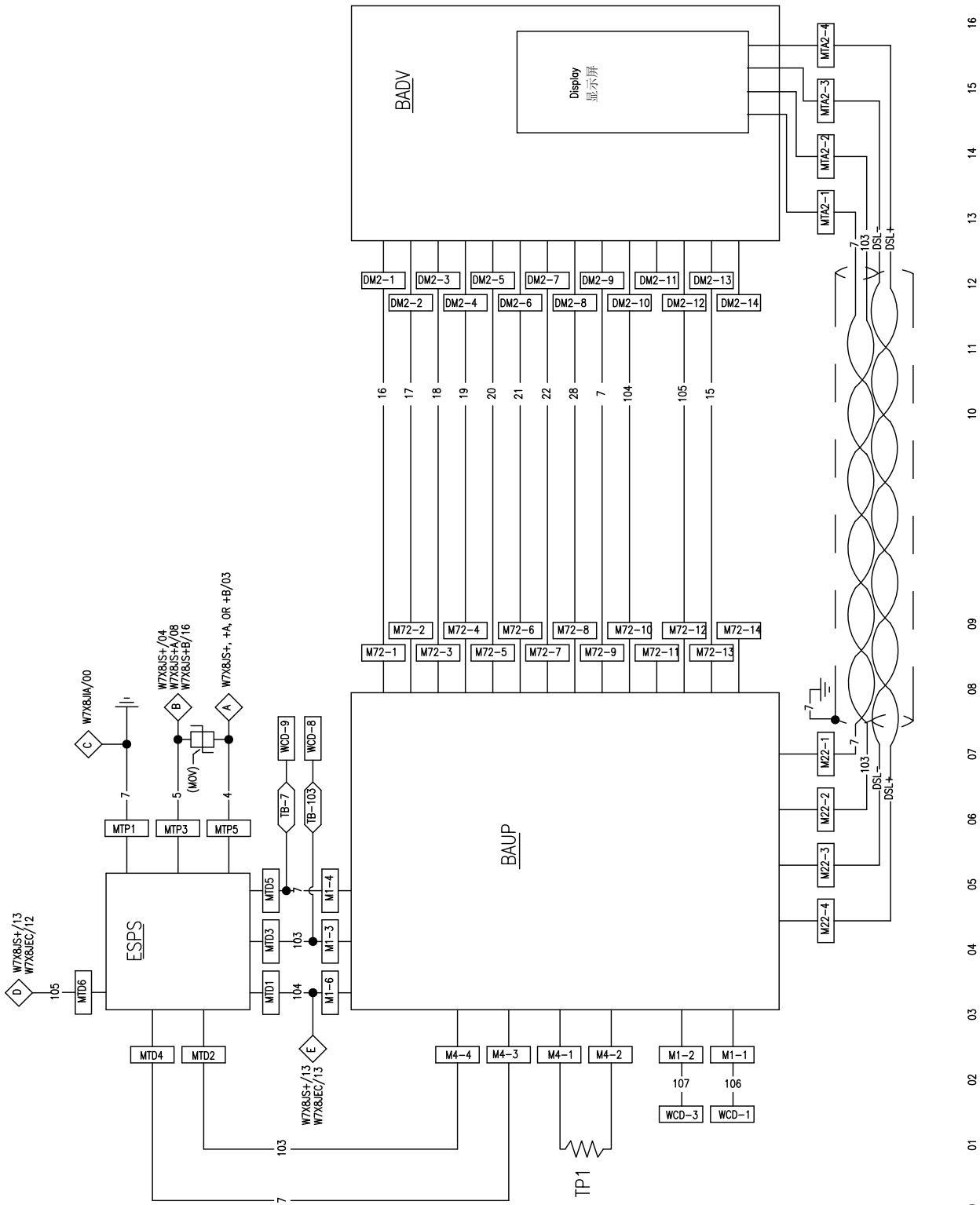


ZF = Rectifier
整流器

W7X8JBWAC

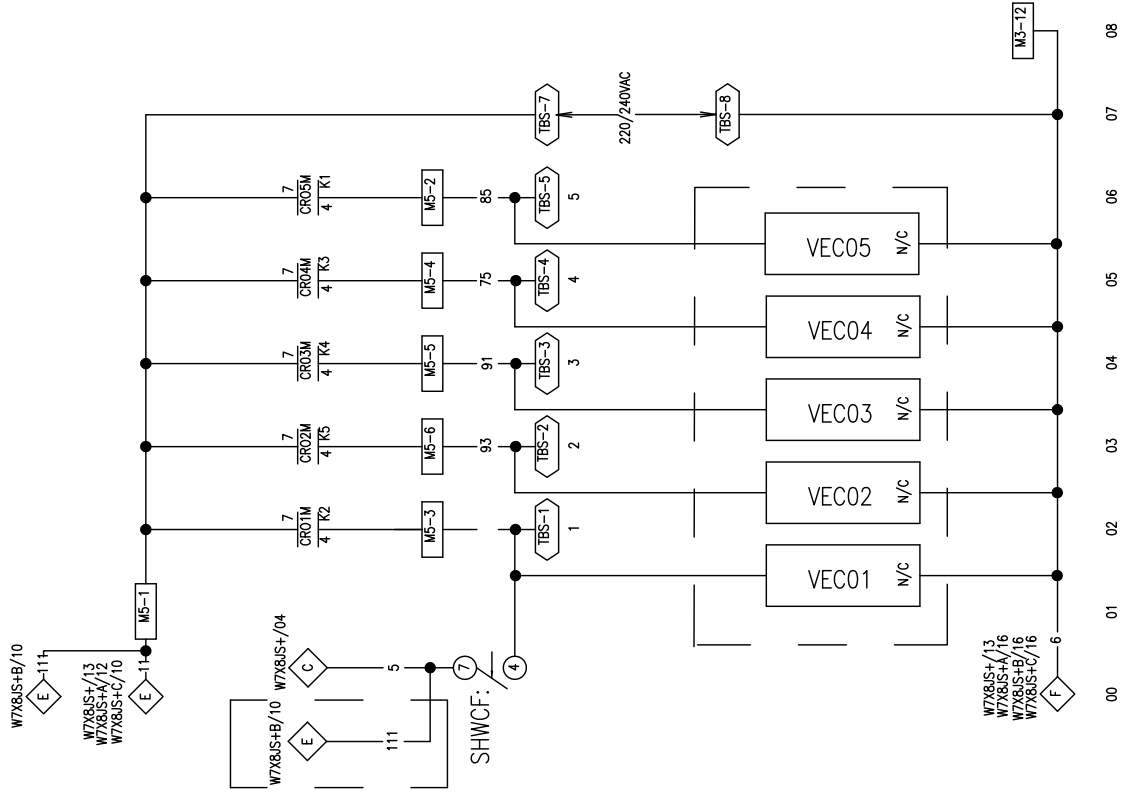
PELLERIN MILNOR CORPORATION

2012232A



W7X8JCF C

PELLERIN MILNOR CORPORATION

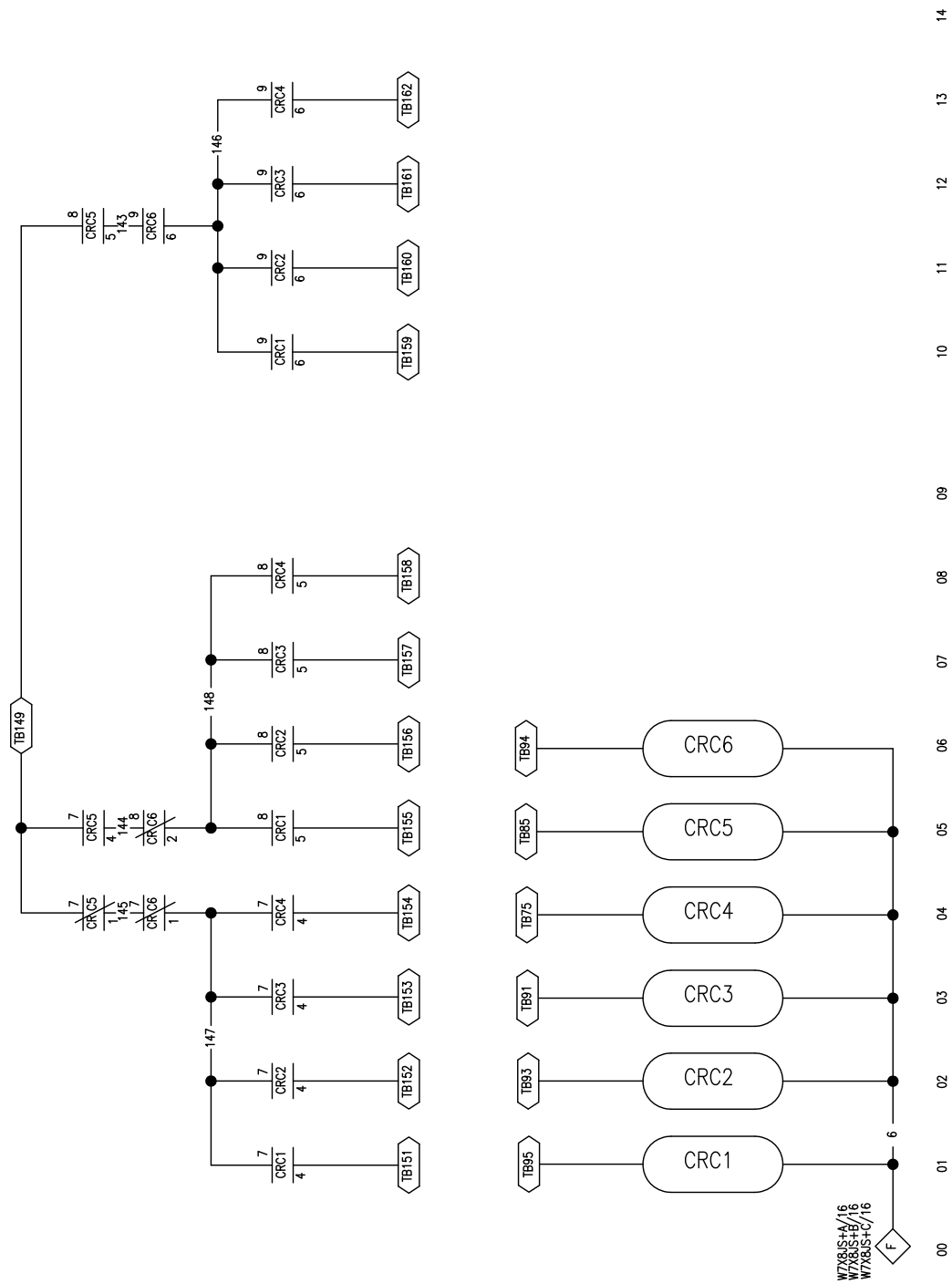


supplies
供給

W7X8JCMC

PELLERIN MILNOR CORPORATION

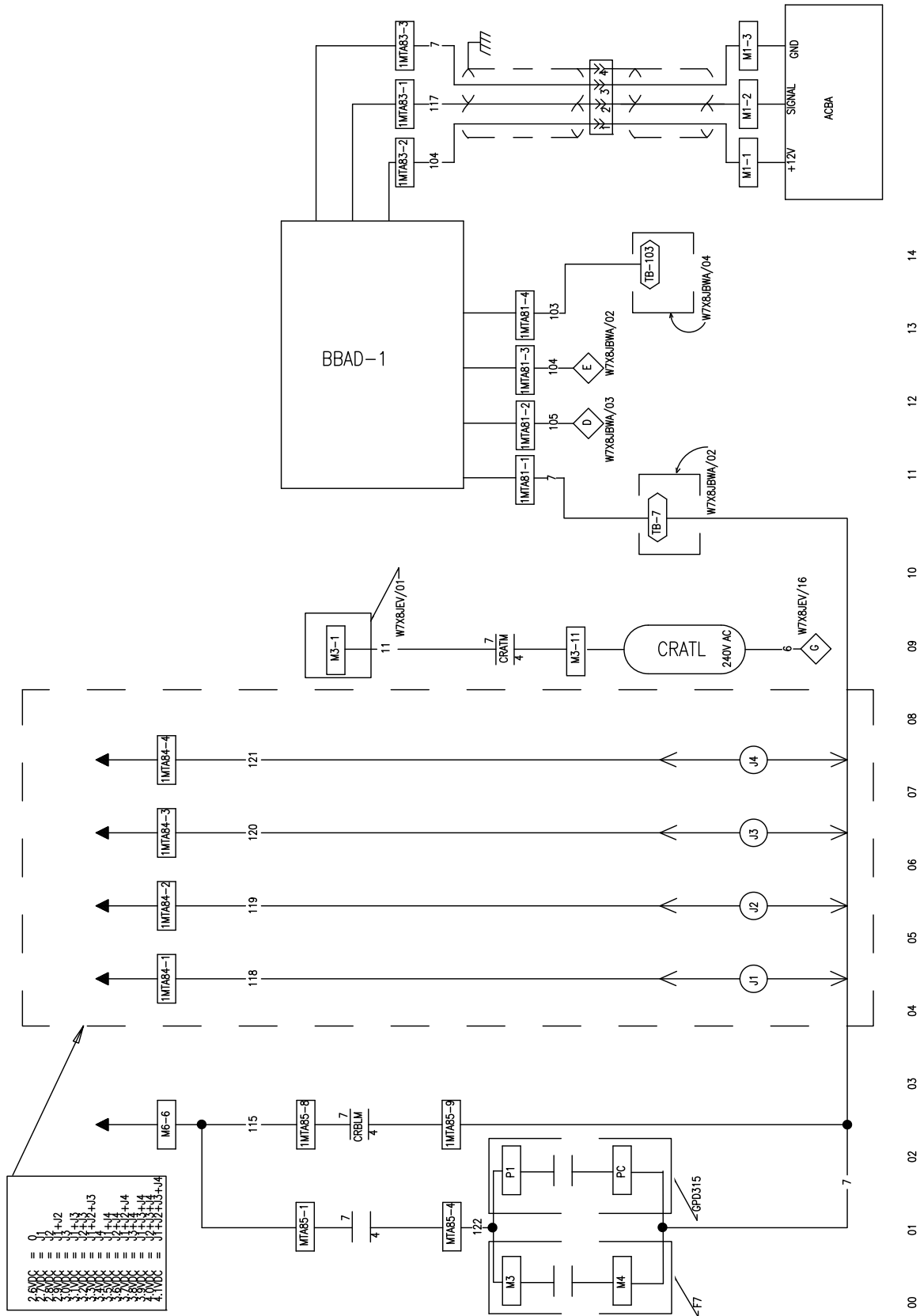
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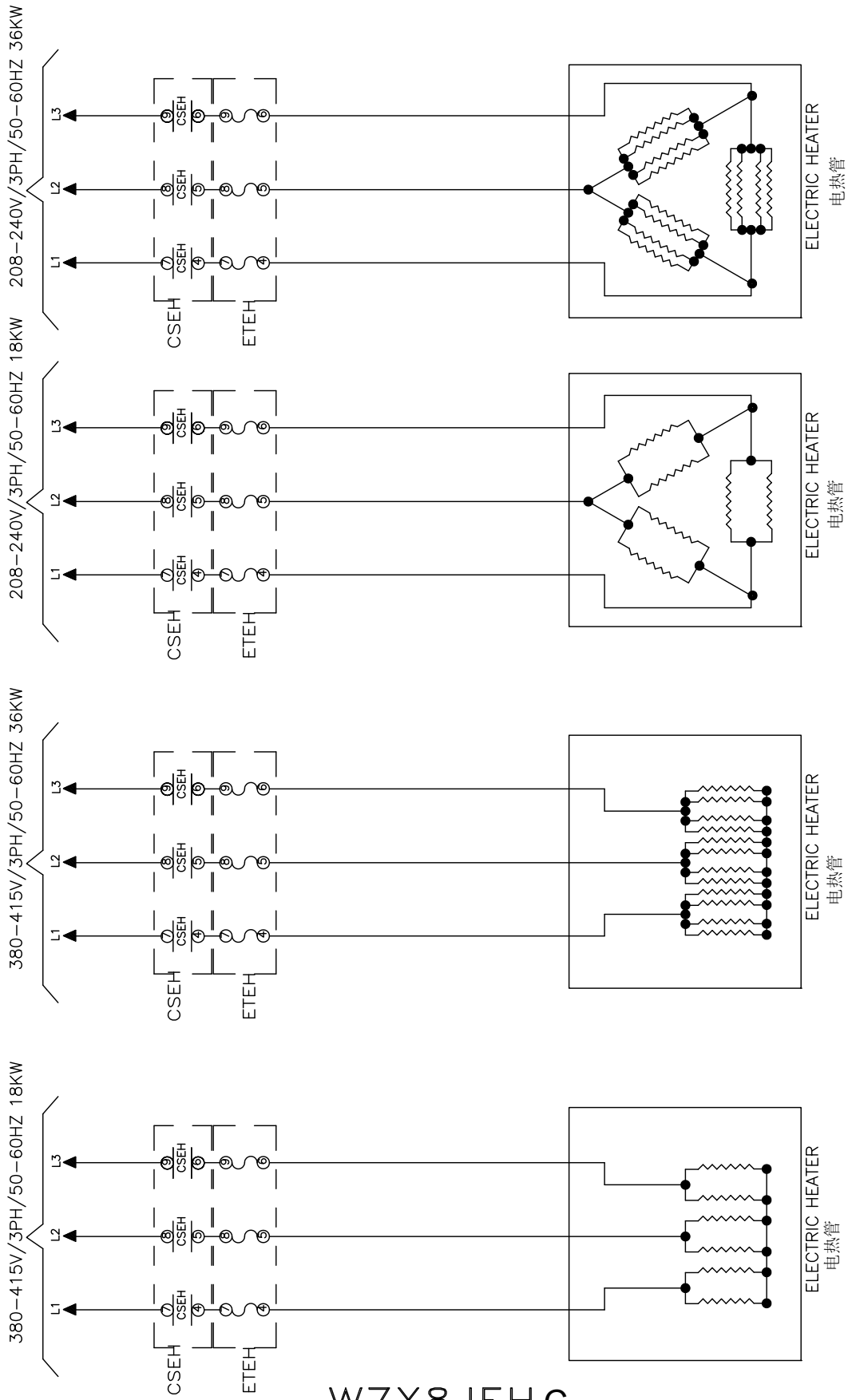
W7X8JECC

PELLERIN MILNOR CORPORATION

2023014A



electric heat
电加热

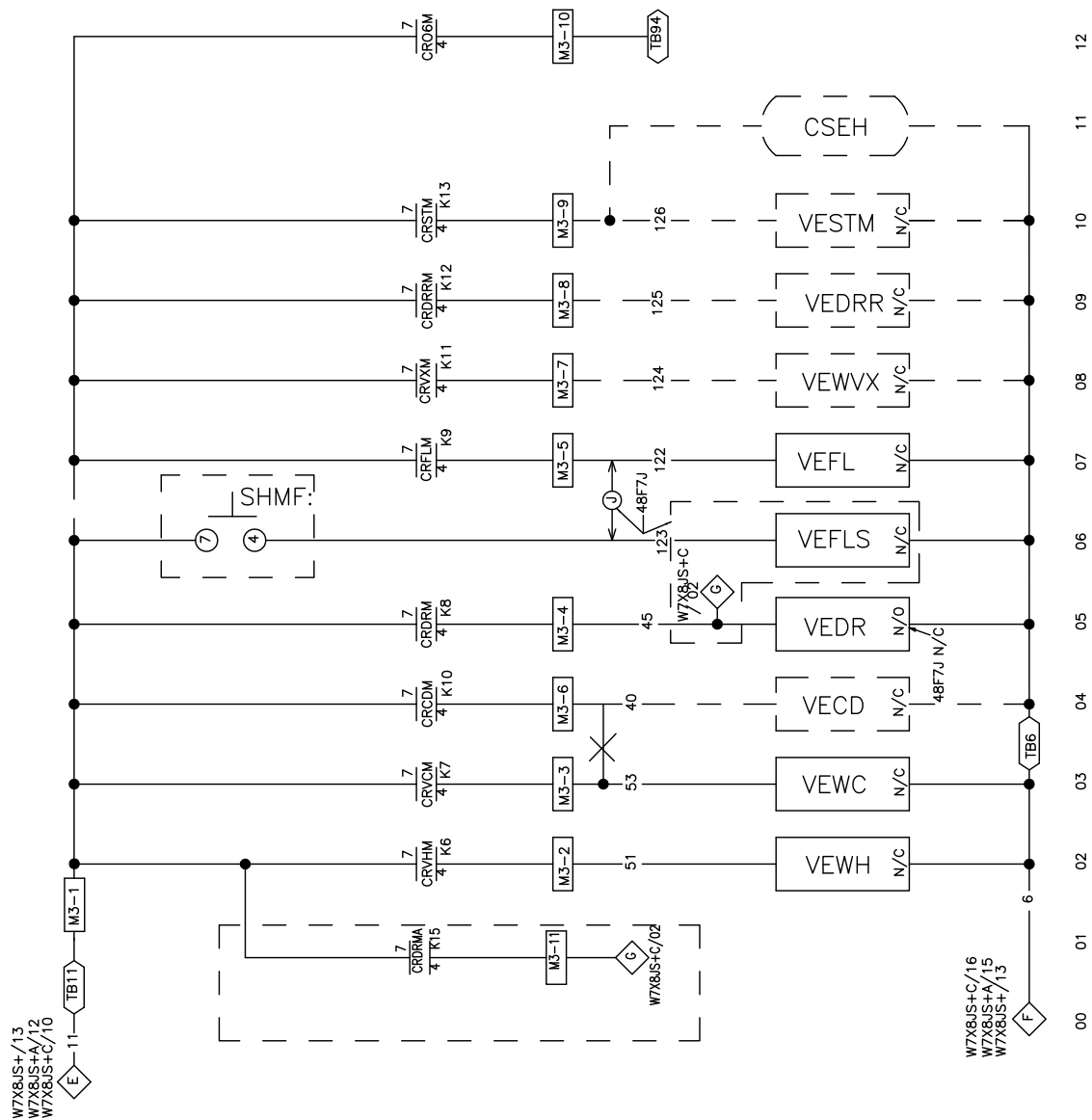


W7X8JEHC

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



30, 36, 42X7J, 48F7J
 electric valves
 电磁阀

W7X8JEVC

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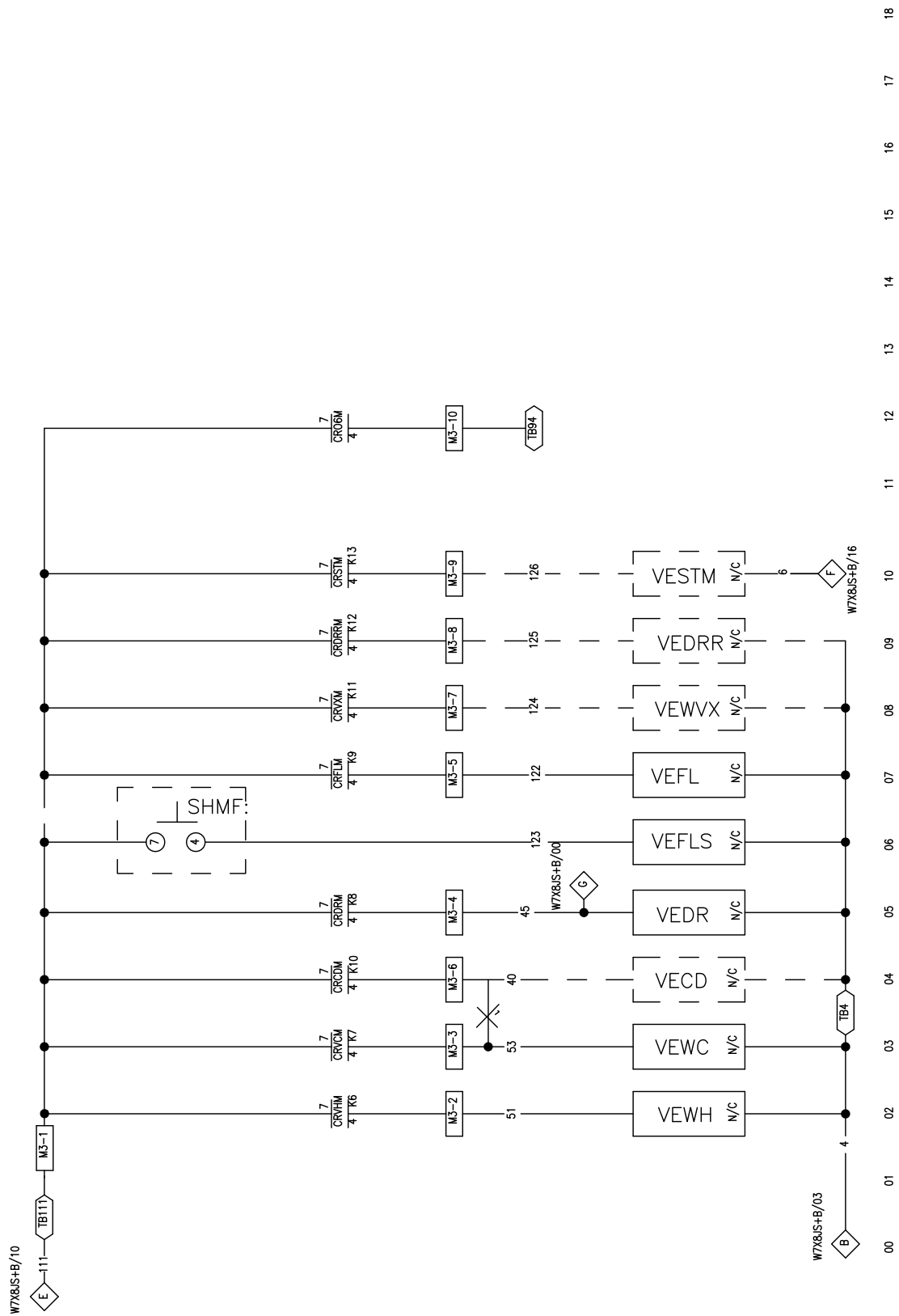
2015205A

48040F7B
electric valves
电磁阀

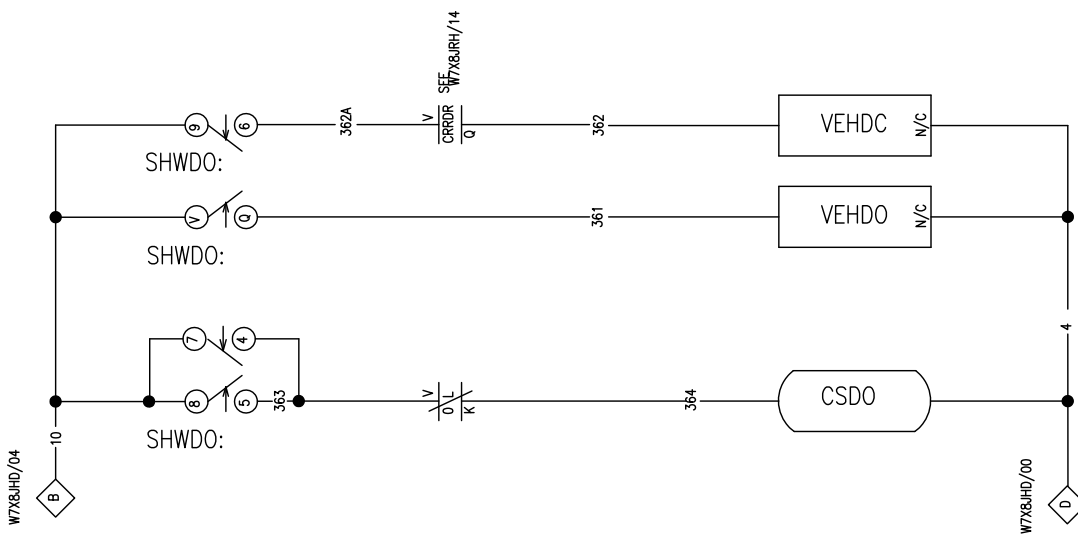
W7X8JEVA C

PELLERIN MILNOR CORPORATION

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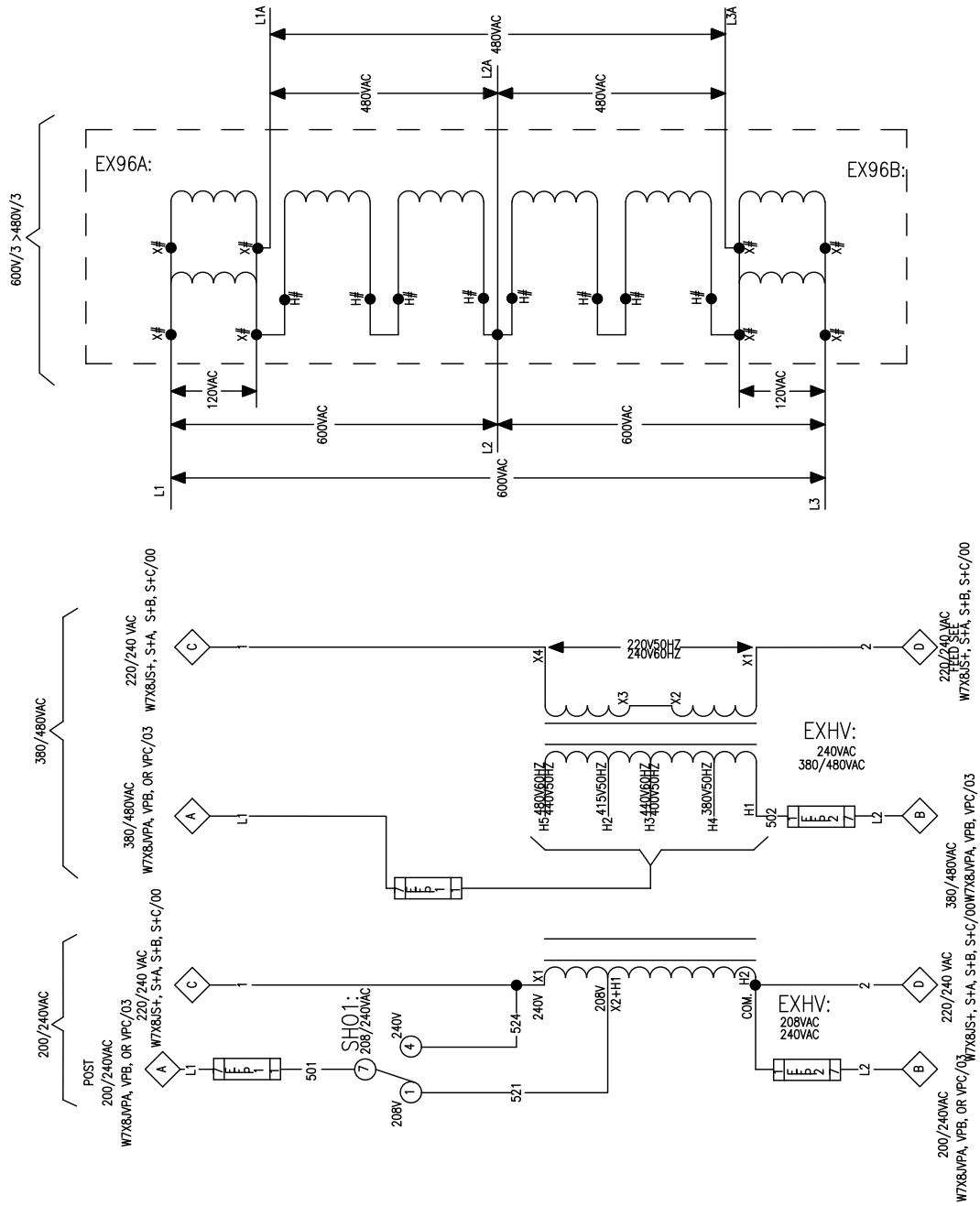


48040
hydraulic door
液压门

W7X8JHD C
PELLERIN MILNOR CORPORATION

2012232A

REFER TO THE CONNECTION DIAGRAM OF THE TRANSFORMERS FOR THE CORRESPONDING WIRE NUMBERS



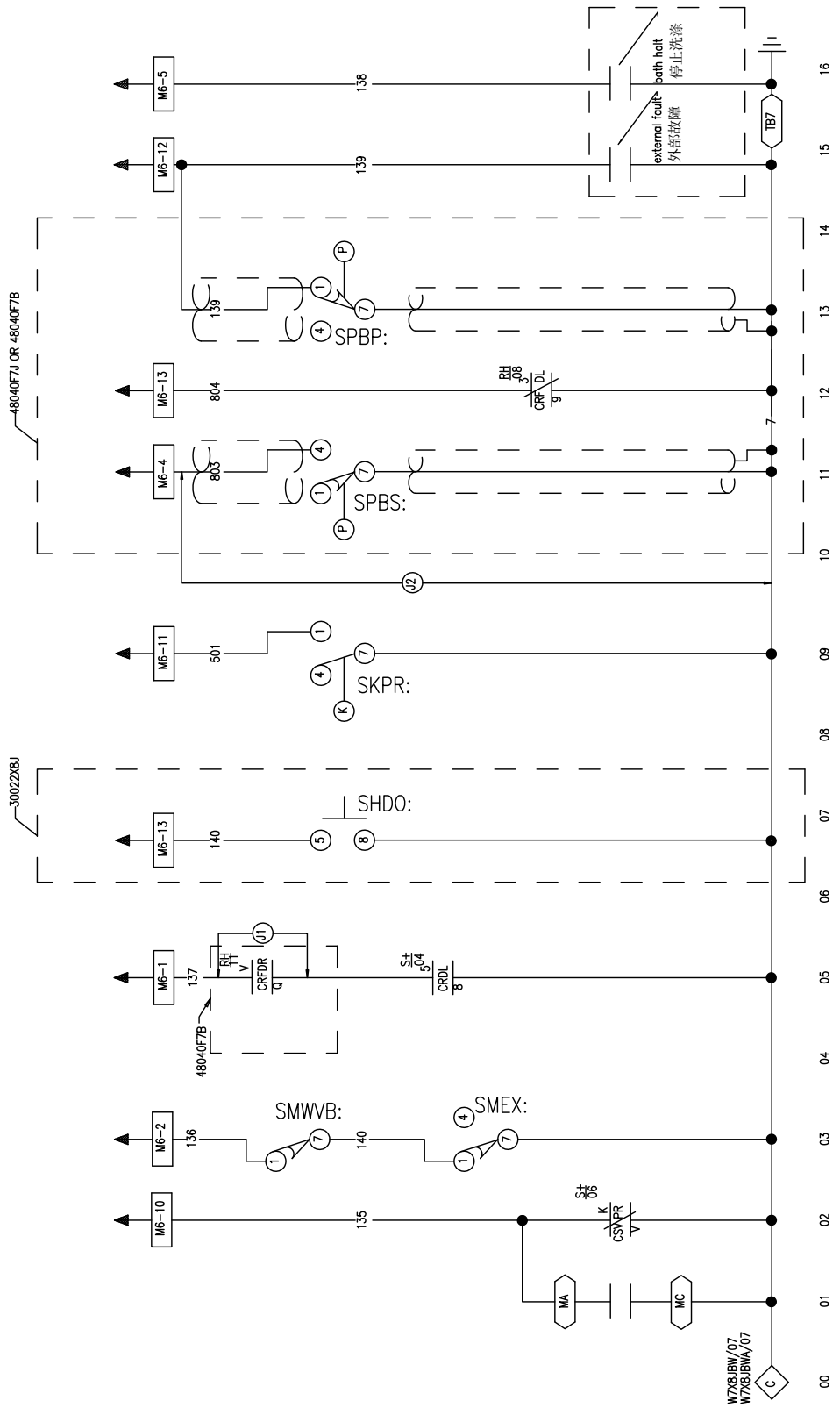
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W7X8JLVC

PELLERIN MILNOR CORPORATION

control transformers
控制变压器

2021505A



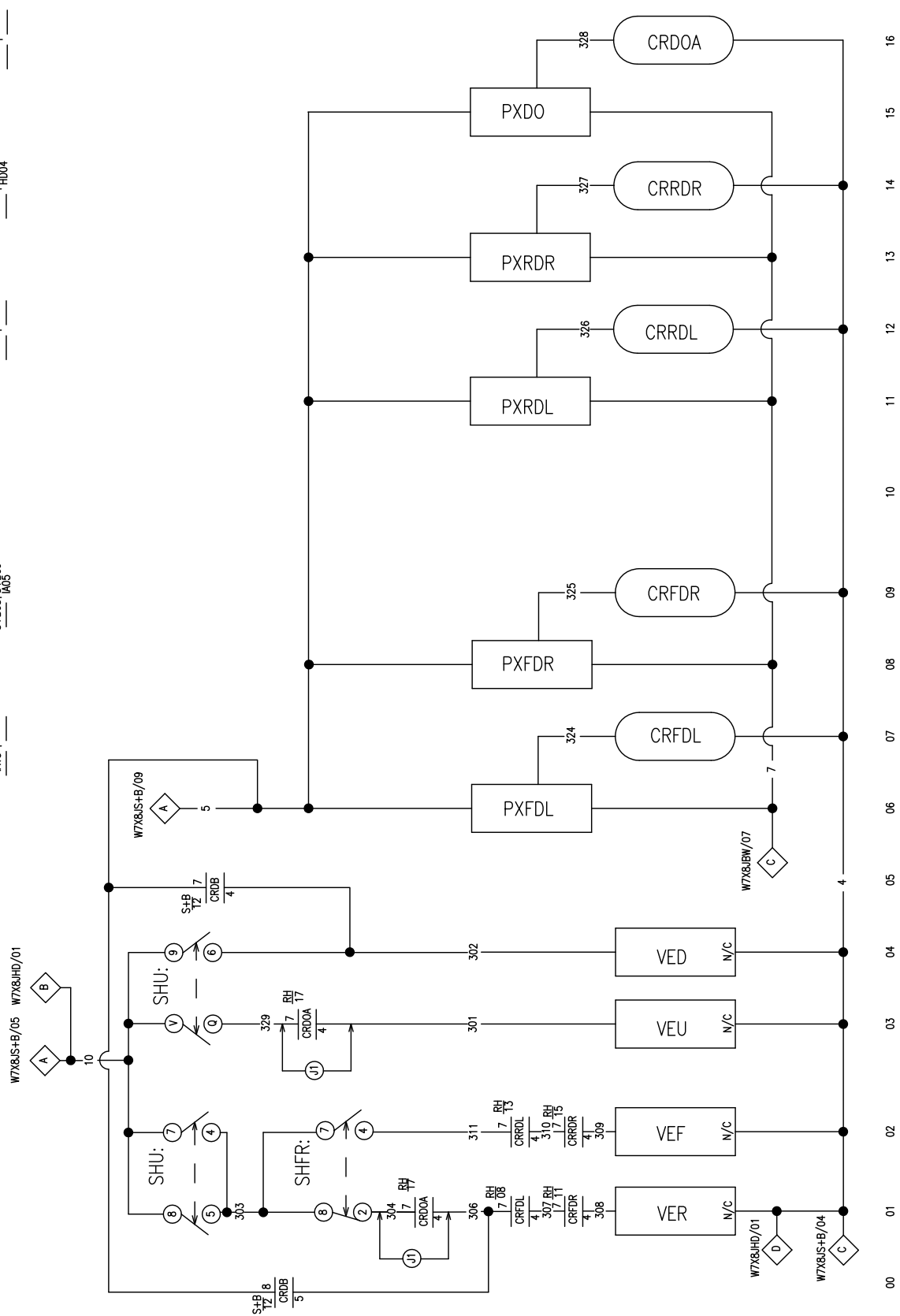
W7X8JIAC

PELLERIN MILNOR CORPORATION

W7X8JBU/07
W7X8JBUWA/07

microprocessor inputs
处理器输入

2012233A

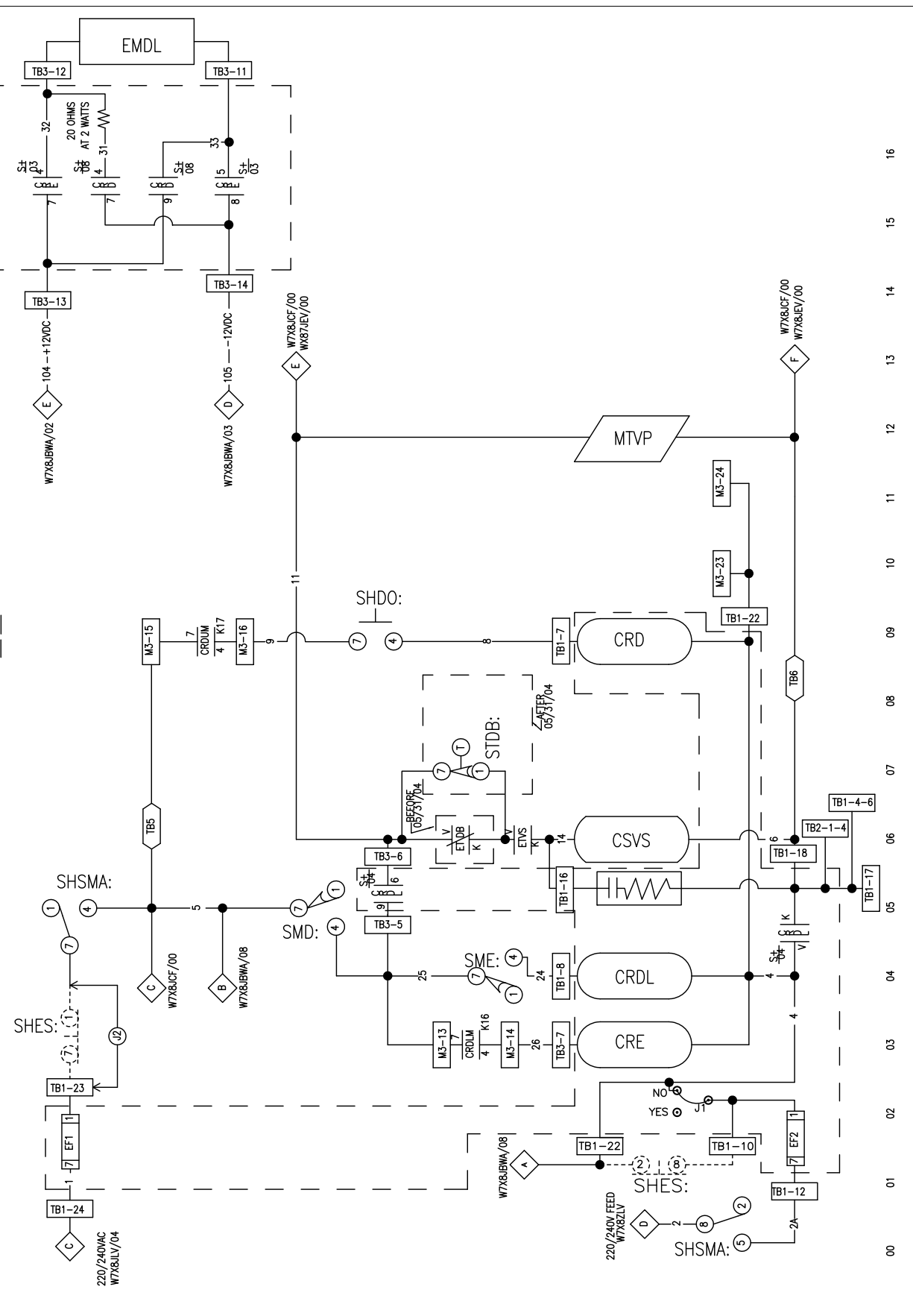


48040F7B
tilt circuit
倾斜电路

W7X8JRHC

PELLERIN MILNOR CORPORATION

2016515A

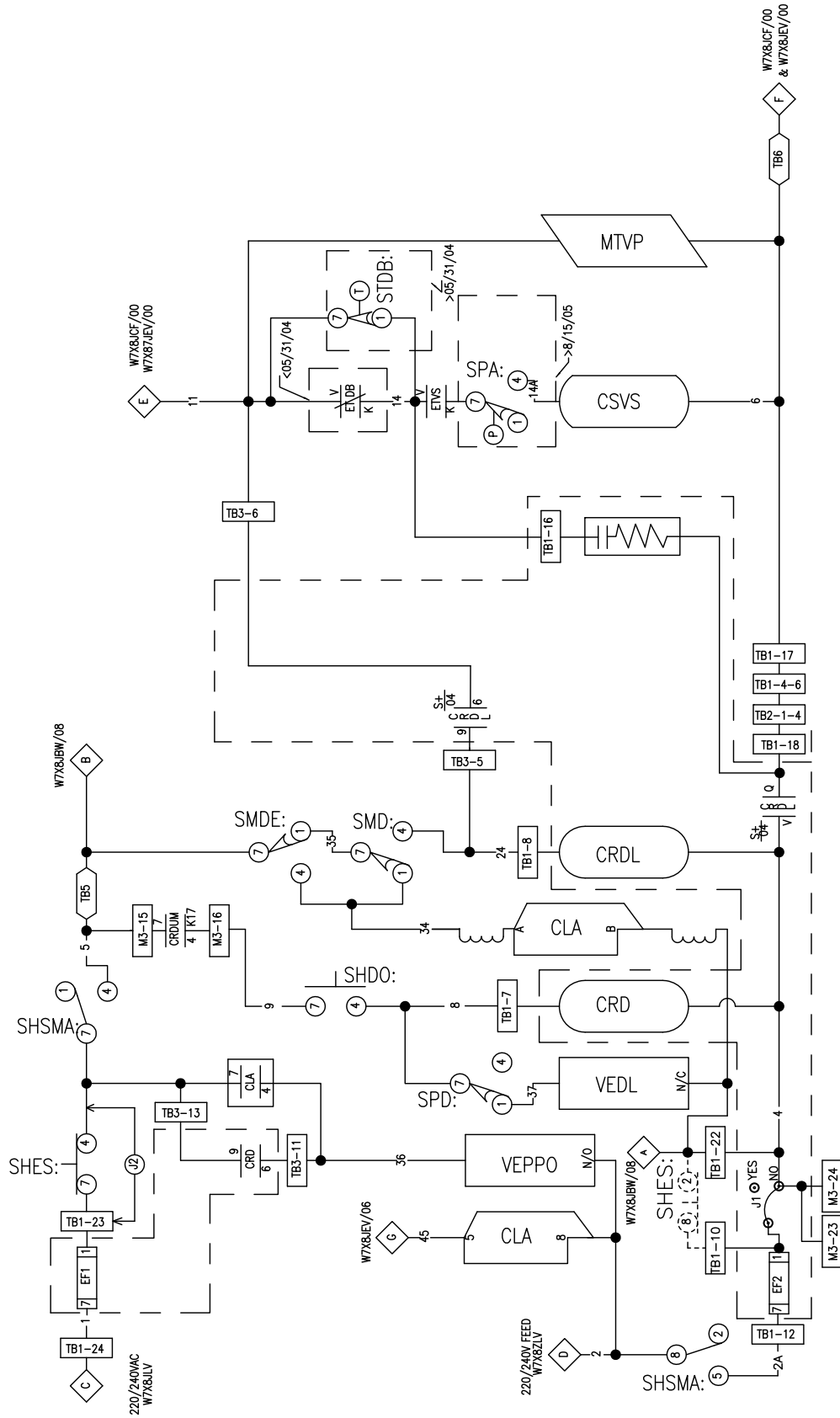
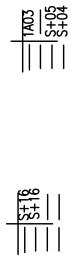


30022X8J
start circuit
启动电路

W7X8JS+C
PELLERIN MILNOR CORPORATION

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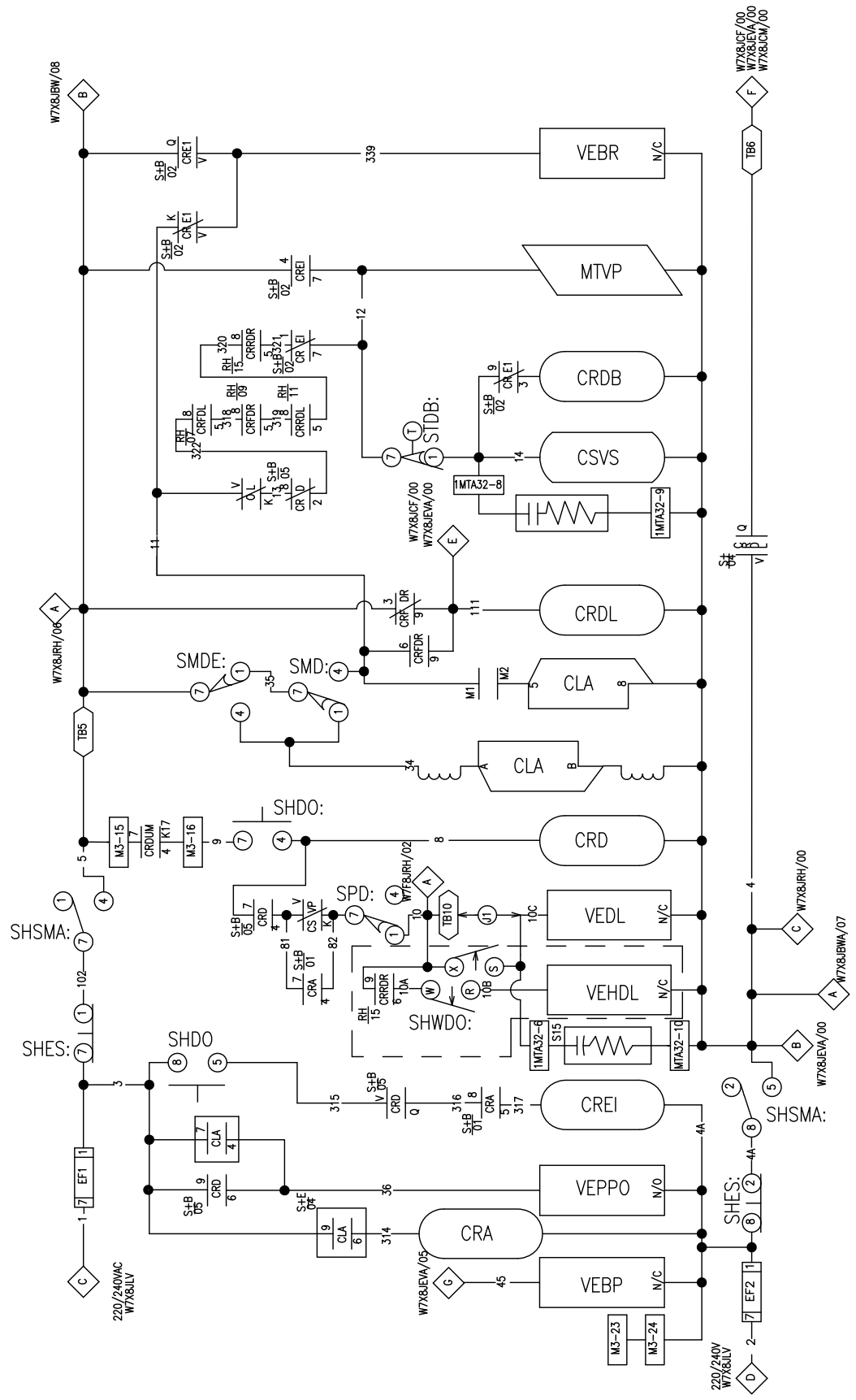
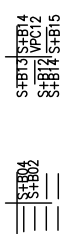
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36, 42X_U
start circuit
启动电路

W7X8JS+AC

PELLERIN MILNOR CORPORATION

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W7X8JS+BC

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48040F7B
start circuit
启动电路

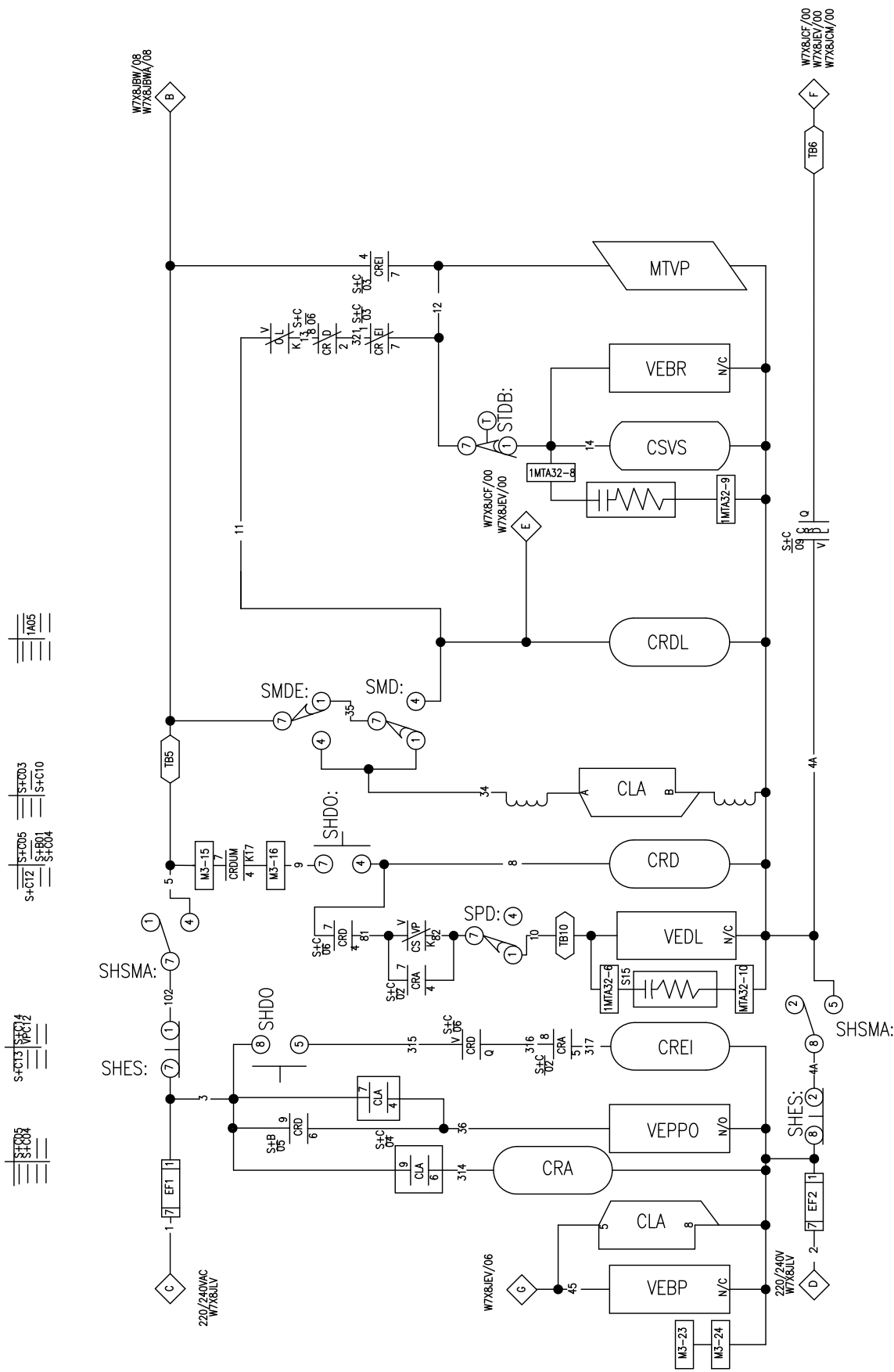
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48040F7J
start circuit
启动电路

W7X8JS+CC

PELLERIN MILNOR CORPORATION

2016432A



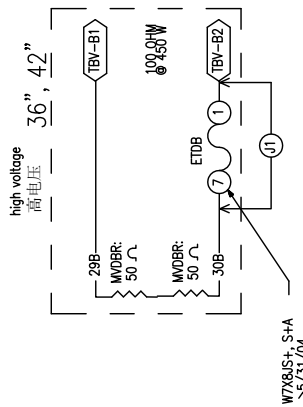
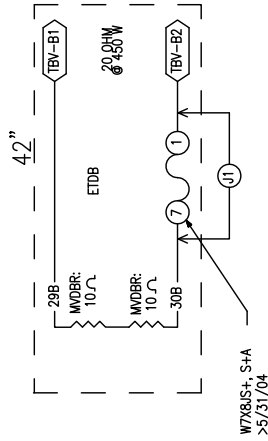
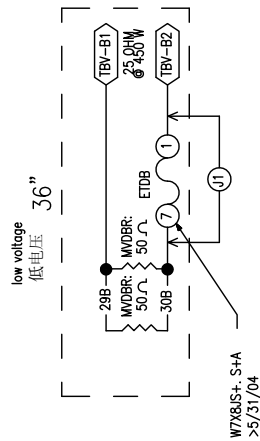
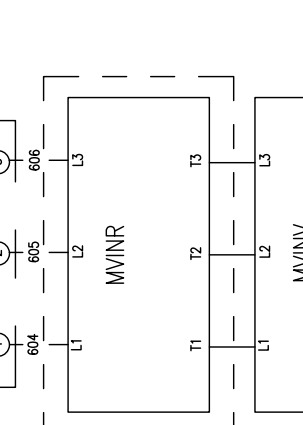
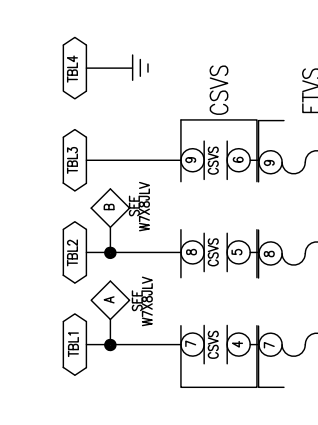
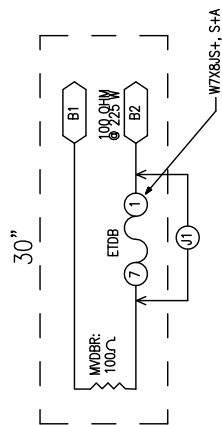
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30, 36, 42X_J 3PH
speed controller
调速器

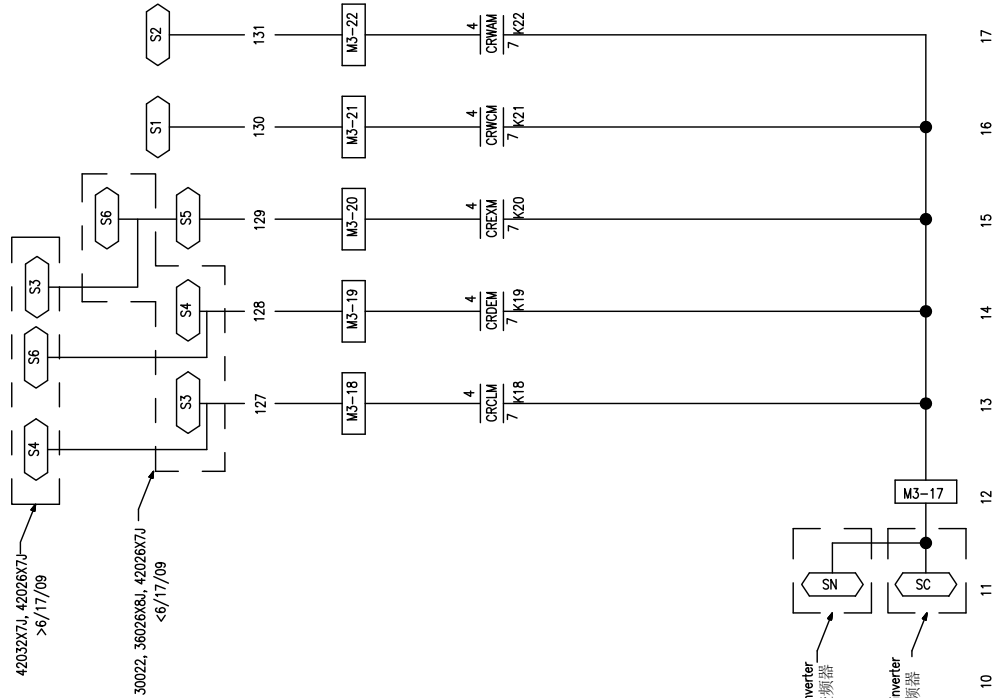
W7X8JVPAC

PELLERIN MILNOR CORPORATION

2015163A



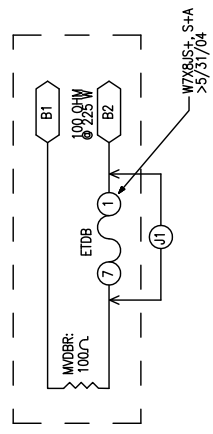
	K21	K22	K18	K19	K20
1	X				
2	X		X		
3	X			X	
4	X				X
5	X		X		X
6	X			X	X
7					X



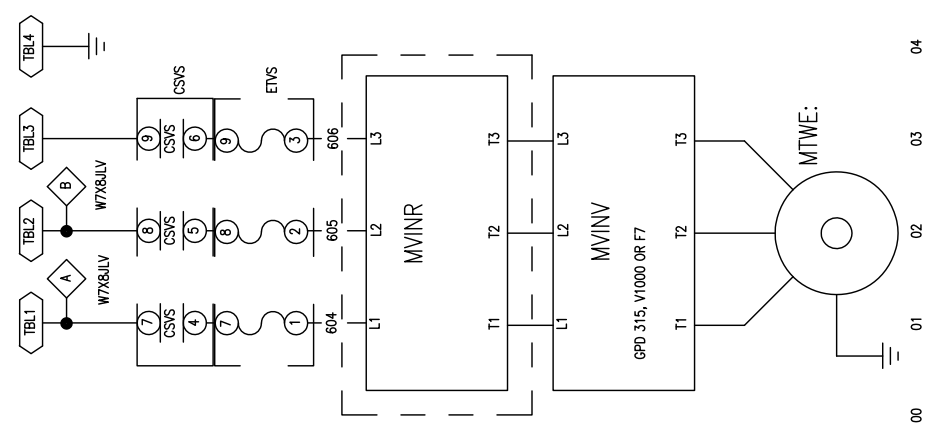
for F7 inverter
适用于F7变频器

for 315 and V1000 inverter
适用于315和V1000型变频器

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



	K21	K22	K18	K19	K20
1	X				
2	X		X		
3	X			X	
4	X				X
5	X		X		X
6	X			X	X
7					X



W7X8JVPBC

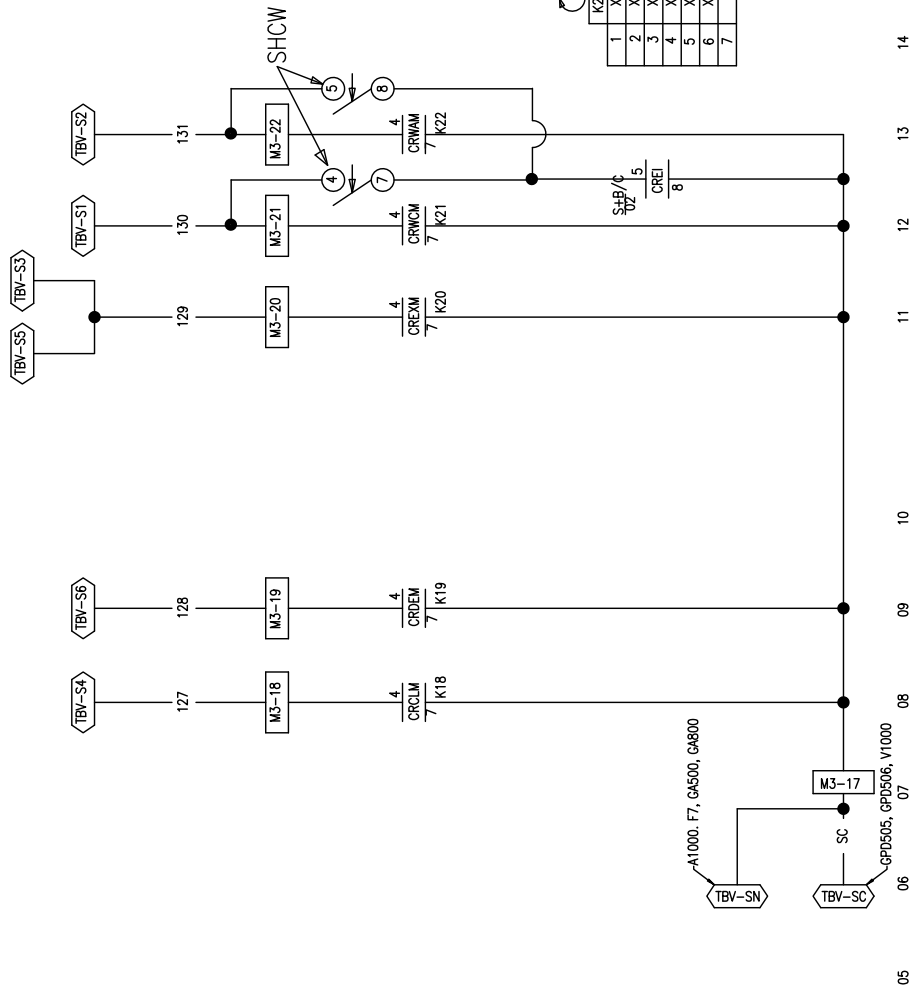
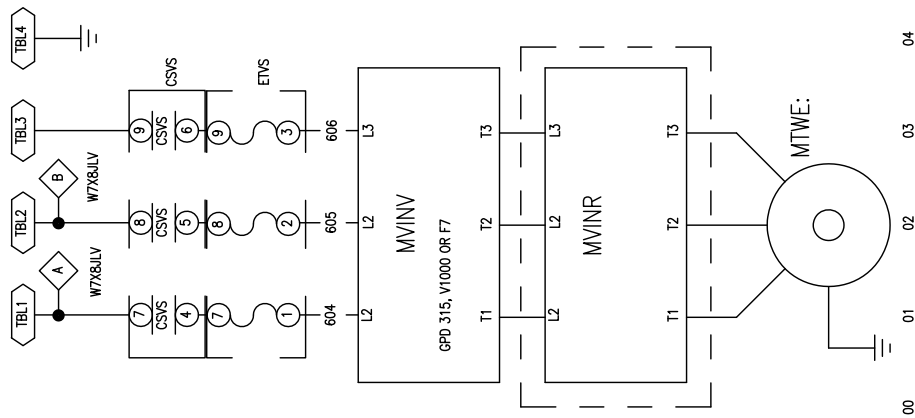
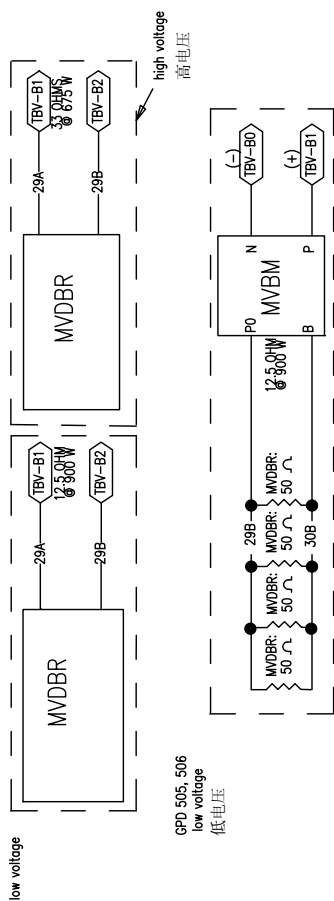
PELLERIN MILNOR CORPORATION

30, 36, 42X_J 1PH
speed controller
调速器

2015163A

W7X8JVPCC

PELLERIN MILNOR CORPORATION



English/Português

2

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

1. **English**
 2. Portuguese
-

O texto neste circuito guia é fornecido nos seguintes idiomas:

1. Inglês
 2. **Português**
-



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



Leia o manual separado de segurança antes de instalar, funcionar ou fazer a manutenção.

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

Como Obter os Componentes de Manutenção Necessários

Você pode obter componentes para consertar a sua máquina do fornecedor aprovado onde adquiriu esta máquina. O seu fornecedor geralmente terá os componentes necessários em estoque. Você também pode obter componentes da fábrica Milnor.

Informe ao fornecedor, o modelo e o número de série da máquina e estes dados para cada componente necessário:

- O número do componente fornecido neste manual
- O nome do componente, se conhecido
- A quantidade necessária
- Os requisitos de transporte necessários
- O número da visão esquemática
- Se o componente for um motor ou controle elétrico, forneça os dados da placa de identificação do componente usado

Para entrar em contato com a fábrica Milnor por escrito:

Pellerin Milnor Corporation
caixa postal 400
Kenner, LA 70063-0400
Estados Unidos

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

MC7X8J11AX

W7X8JPLP/2023014N

AC			
ACBA	<7-2022	W7X8JEC	EACCLRM3
ACBA	>7-2022	W7X8JEC	EACCLRM8
BA			
BADV		W7X8JBW	08BHEPSPBT
BADV	<MODEL AZ	W7X8JBWA	08BHEPSPCT
BADV	>MODEL AZ	W7X8JBWA	98CMCR1823
BAFR		W7X8JS+	08BHFRCT
BAFR		W7X8JS+A	08BHFRCT
BAUP		W7X8JBW	08BH18EPDT
BAUP	<MODEL AZ	W7X8JBWA	08BH18EPDT
BAUP	>MODEL AZ	W7X8JBWA	98CMCR1822
BBAD-1		W7X8JEC	08BSBADCTE
CL			
CLA		W7X8JS+A	09CL2C-C71
CLA		W7X8JS+B	09CL2C-C71
CLA		W7X8JS+C	09CL2C-C71
CLA-CHOKE		W7X8JS+A	10YCLCHOKE
CLA-CHOKE		W7X8JS+B	10YCLCHOKE
CLA-CHOKE		W7X8JS+C	10YCLCHOKE
CR			
CRA		W7X8JS+B	09C024D71
CRA		W7X8JS+C	09C024D71
CRALT		W7X8JEC	09C024D71
CRC1		W7X8JCM	09C024D71
CRC2		W7X8JCM	09C024D71
CRC3		W7X8JCM	09C024D71
CRC4		W7X8JCM	09C024D71
CRC5		W7X8JCM	09C024D71
CRC6		W7X8JCM	09C024D71
CRD		W7X8JS+	09C024D71
CRD		W7X8JS+A	09C024D71
CRD		W7X8JS+B	09C024D71
CRD		W7X8JS+C	09C024D71
CRDB		W7X8JS+B	09C024D71
CRDL		W7X8JS+	09C024D71
CRDL		W7X8JS+A	09C024D71
CRDL		W7X8JS+B	09C024D71
CRDL		W7X8JS+C	09C024D71
CRDRA		W7X8JSRH	09C024D71
CRE		W7X8JS+	09C024D71
CREI		W7X8JS+B	09C024D71
CREI		W7X8JS+C	09C024D71
CRFDL		W7X8JSRH	09C024D71
CRFDR		W7X8JSRH	09C024D71
CRRDL		W7X8JSRH	09C024D71
CRRDR		W7X8JSRH	09C024D71
CS			
CSDO		W7X8JHD	09MC08C371
CSVS	<MODEL AZ	W7X8JS+	09MC08C371

MC7X8J11AX

W7X8JPLP/2023014N

CSVS	>MODEL AZ	W7X8JS+	98CMCR3004
CSVS		W7X8JS+A	09MC08G371
CSVS	>MODEL AZ	W7X8JS+A	98CMCR3601
CSVS	<MODEL AZ	W7X8JS+A	09MC08G371
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CSVS	>MODEL AZ	W7X8JS+A	98CMCR4201
CSVS	>MODEL AZ	W7X8JS+A	98CMCR4202
CSVS		W7X8JS+B	09MC08E371
CSVS		W7X8JS+C	09MC08E371
CSVS	30022 >MODEL AZ	W7X8JS+	98CMCR3004
CSVS	3626/4226-32	W7X8JVPA	09MC08G371
CSVS		W7X8JVPB	09MC08C371
CSVS		W7X8JVPC	09MC08G371
CSVS		W7X8JVPC	09MC08N371
EF			
EF1		W7X8JS+	09FF002AMG
EF1		W7X8JS+A	09FF002AMG
EF2		W7X8JS+	09FF002AMG
EF2		W7X8JS+A	09FF002AMG
EFP1		W7X8JLV	09FF005AWN
EFP2		W7X8JLV	09FF005AWN
EM			
EMDL		W7V8ZS+	09K063C24
ES			
ESPS		W7V8ZBW	08PSS3401T
ESPS	<MODEL AZ	W7X8JBWA	08PSS3401T
ESPS	>MODEL AZ	W7X8JBWA	98CMCR3003
ET			
ETDB		W7X8JVPA	09F024A
ETDB		W7X8JVPB	09F024A
ETDB		W7X8JVPC	09FTD0121T
ETDB		W7X8JVPC	09FTD0230T
ETVS	30022	W7X8JVPA	09FTD0120T
ETVS		W7X8JVPA	09FTD0121T
ETVS	>MODEL AZ	W7X8JVPA	98CMCR3005
ETVS	>MODEL AZ	W7X8JVPA	98CMCR3006
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ETVS	>MODEL AZ	W7X8JVPA	98CMCR3603
ETVS	>MODEL AZ	W7X8JVPA	98CMCR4203
ETVS	>MODEL AZ	W7X8JVPA	98CMCR4204
ETVS		W7X8JVPB	09FTD0120T
EX			
EXHV	208-240VAC <MODEL AZ	W7V8ZLV	09UB25AT71
EXHV	208-240VAC >MODEL AZ	W7V8ZLV	98CMCR0902
EXHV	380/480V TO 240V	W7V8ZLV	09UA025AAB
EXHV	600V TO 240V	W7V8ZLV	09U251AB71
MT			
MTVP		W7X8JS+A	13AF100A71
MTVP		W7X8JS+B	13AF100A71
MTVP		W7X8JS+C	13AF100A71

MC7X8J11AX

W7X8JPLP/2023014N

MTWE		W7X8JVPA	MESSAGE SO
MTWE		W7X8JVPB	MESSAGE SO
MTWE		W7X8JVPC	MESSAGE SO
MV			
MVDBR	30022	W7X8JVPA	09MV100RES
MVDBR	36-42>250V	W7X8JVPA	09MV050REV
MVDBR	42<250V	W7X8JVPA	09MV010REV
MVDBR		W7X8JVPB	09MV100RES
MVDBR	48<250V	W7XRJVPC	09MV11DBRL
MVDBR	48>250V	W7XRJVPC	09MV11DBRH
MVINV		W7X8JVPA	MASSAGE EW
MVINV-H	30022>250V	W7X8JVPA	09MWB00996
MVINV-H	36026>250V	W7X8JVPA	09MWB01896
MVINV-H	42026>250V	W7X8JVPA	09MWB02496
MVINV-H	42032>250V	W7X8JVPA	09MWB02496
MVINV-H	48040>250V	W7X8JVPC	09MWE03996
MVINV-H	48040>250V	W7X8JVPC	09MWC03996
MVINV-L	30022<250V	W7X8JVPA	09MWB01774
MVINV-L	36036<250V	W7X8JVPA	09MWB03374
MVINV-L	42026<250V	W7X8JVPA	09MWB04774
MVINV-L	42032<250V	W7X8JVPA	09MWB04774
MVINV-L	48040<250V	W7X8JVPC	09MWE07574
MVINV-L	48040<250V	W7X8JVPC	09MWC07574
PX			
PXDO		W7X8JRH	09RPS18CAS
PXFDL		W7X8JRH	09RPS12AAS
PXFDR		W7X8JRH	09RPS12AAS
PXRDL		W7X8JRH	09RPS12AAS
PXRDR		W7X8JRH	09RPS12AAS
SH			
SH01	208/240VAC	W7X8JLV	09N050
SHCW		W7X8JVPC	09N405M320
SHDO		W7X8JIA	09N405PB10
SHDO		W7X8JS+	09N405PB10
SHDO		W7X8JS+A	09N405PB10
SHDO		W7X8JS+B	09N405PB10
SHDO		W7X8JS+C	09N405PB10
SHES		W7X8JS+	09N508A
SHES		W7X8JS+A	09N508A
SHES		W7X8JS+B	09N508A
SHES		W7X8JS+C	09N508A
SHFR		W7X8JRH	09N405M320
SHMF		W7X8JEV	09N405PB10
SHMF		W7X8JEVA	09N405PB10
SHSMA		W7X8JS+	09N405M220
SHSMA		W7X8JS+A	09N405M220
SHSMA		W7X8JS+B	09N405M220
SHSMA		W7X8JS+C	09N405M220
SHU		W7X8JRH	09N405S320
SHWCF		W7X8JCF	09N405PB10

MC7X8J11AX

W7X8JPLP/2023014N

SHWDO		W7X8JHD	09N405S320
SHWDO		W7X8JS+B	09N405S320
SK			
SKPR		W7X8JIA	09N127C
SM			
SMD		W7X8JS+	09R010D
SMD		W7X8JS+A	09R014A
SMD		W7X8JS+B	09R014A
SMD		W7X8JS+C	09R014A
SMDE		W7X8JS+A	09R012
SMDE		W7X8JS+B	09R012
SMDE		W7X8JS+C	09R012
SME		W7X8JS+	09R010D
SMEX		W7X8JIA	09R008ASTD
SMWVB		W7X8JIA	SAE03 151
SP			
SPA		W7X8JS+A	09N082A
SPBP		W7X8JIA	09N082B05
SPBS		W7X8JIA	09N082A
SPD		W7X8JS+A	09N082B10
SPD		W7X8JS+B	09N082B10
SPD		W7X8JS+C	09N082B10
ST			
STDB		W7X8JS+	30RA175T
STDB		W7X8JS+A	30RA175T
STDB		W7X8JS+B	30RA175T
STDB		W7X8JS+C	30RA175T
VE			
VEBP		W7X8JS+A	96TBC2BA71
VEBP		W7X8JS+B	96TBC2BA71
VEBP		W7X8JS+C	96TBC2BA71
VEBR		W7X8JS+A	96R301B71
VEBR		W7X8JS+B	96R301B71
VEBR		W7X8JS+C	96R301B71
VEC01		W7X8JCF	96P013B71
VEC02		W7X8JCF	96P013B71
VEC03		W7X8JCF	96P013B71
VEC04		W7X8JCF	96P013B71
VEC05		W7X8JCF	96P013B71
VECD	30022	W7X8JEV	96P057A71
VECD	36026	W7X8JEV	96P056A71
VECD	42026&42032	W7X8JEV	96P152A71
VECD	48040	W7X8JEV	96R301B71
VECD	48040	W7X8JEVA	96R301B71
VED		W7X8JRH	96R301B71
VEDL	36+42 <MODEL AZ	W7X8JS+A	96R301B71
VEDL	36+42 >MODEL AZ	W7X8JS+A	98CMCR3001
VEDL		W7X8JS+B	96R301B71
VEDL		W7X8JS+C	96R301B71
VEDR		W7X8JEV	96D350A71

MC7X8J11AX

W7X8JPLP/2023014N

VEDR	48040F7J	W7X8JEV	96R301B71
VEDR	48040F7B	W7X8JEVA	96R301B71
VEDRR		W7X8JEV	96D350B71
VEDRR	48040F7J	W7X8JEV	96R301B71
VEDRR	48040F7B	W7X8JEVA	96R301B71
VEF		W7X8JRH	96R301B71
VEFL	30022	W7X8JEV	96P057A71
VEFL	36026,42026, & 42032	W7X8JEV	96P056A71
VEFL	48040F7J	W7X8JEVA	96R301B71
VEFL	48040F7B	W7X8JEVA	96R301B71
VEFLS		W7X8JEV	96P013G71
VEFLS		W7X8JEVA	96P013G71
VEHDC		W7X8JHD	96RH706E71
VEHDL		W7X8JS+B	96R301B71
VEHDO		W7X8JHD	96RH706E71
VEPPO	36+42 <MODEL AZ	W7X8JS+A	96R302B71
VEPPO	36+42 >MODEL AZ	W7X8JS+A	98CMCR3002
VEPPO		W7X8JS+B	96R302B71
VEPPO		W7X8JS+C	96R302B71
VESTM	36026,42026&32 <MODEL AZ	W7X8JEV	96P040A71
VESTM	36026,42026&32 >MODEL AZ	W7X8JEV	98CMCR3001
VESTM	48040F7J	W7X8JEV	96R301B71
VESTM	48040F7B	W7X8JEVA	96R301B71
VEU		W7X8JRH	96R301B71
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VEWC	36026 <MODEL AZ	W7X8JEV	96P056A71
VEWC	36026 <MODEL AZ	W7X8JEV	98CMCR3001
VEWC	4226&32 <MODEL AZ	W7X8JEV	96P152A71
VEWC	4226&32 >MODEL AZ	W7X8JEV	98CMCR3001
VEWC	48040F7J	W7X8JEV	96R301B71
VEWC	48040F7B	W7X8JEVA	96R301B71
VEWH	30022	W7X8JEV	96P057A71
VEWH	36026 <MODEL AZ	W7X8JEV	96P056A71
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VEWC	4226&32 >MODEL AZ	W7X8JEV	98CMCR3001
VEWH	4840F7J	W7X8JEV	96R301B71
VEWH	48040F7B	W7X8JEVA	96R301B71
VEWVX	30022	W7X8JEV	96P057A71
VEWVX	36026	W7X8JEV	96P056A71
VEWVX	42026 & 42032	W7X8JEV	96P152A71
VEWVX	48040F7J	W7X8JEV	96R301B71
VEWVX	4840F7B	W7X8JEVA	96R301B71

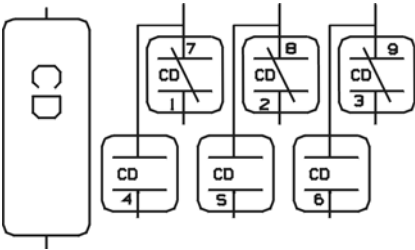
Legend of Symbols
Legenda dos símbolos



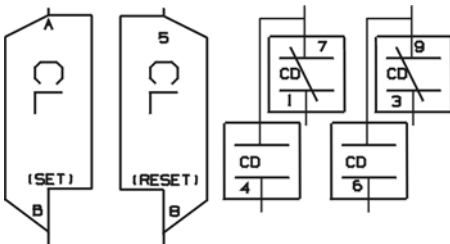
BA = Printed Circuit Board
Placa de circuito impresso



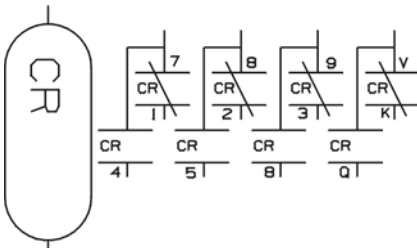
CB = Circuit Breaker
Disjuntor



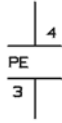
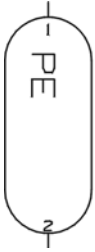
CD = Time Delay Relay
Relé de ação retardada



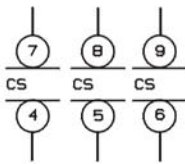
CL = Latch Relay
Relé de trava



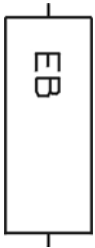
CR = Relay
Relé



CP = Photo-Eye
Fotoelétrico



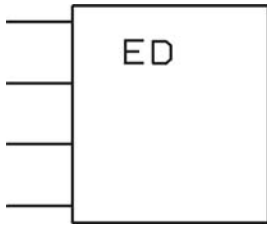
CS = Contactor/Motor Starter
Contator/Arranque do Motor



EB = Audible Signal
Sinal Sonoro



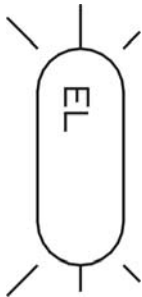
EC = Clutch
Embreagem



ED = Electronic Display
Tela eletrônica



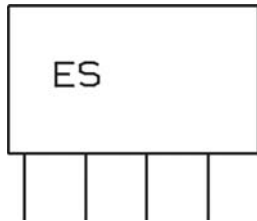
EF = Fuse
Fusível



EL = Light
Luz



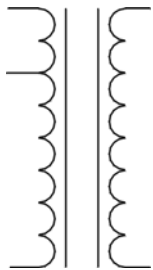
EM = Electro Magnatic Solenoid
Solenóide eletromagnético



ES = Electronic Power Supply
Fonte de alimentação eletrônica



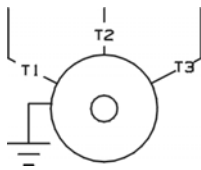
ET = Thermal Overload
Sobrecarga térmica



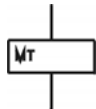
EX = Transformer
Transformador

KB = Keyboard/Keypad
Teclado/Teclado

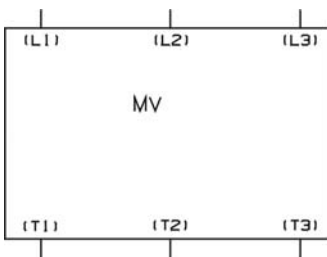
MN = Electronic Monitor
Monitor eletrônico



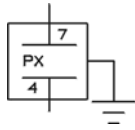
MR = Motor
Motor



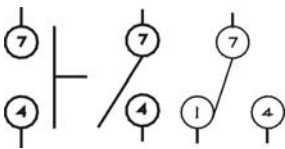
MT = Board Connector
Conector da placa



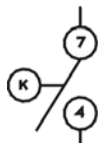
MV = Motor Inverter
Inversor do Motor



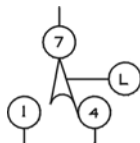
PX = Proximity Switch
Sensor de proximidade



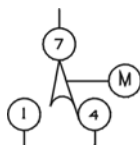
SH = Switch Hand Operated
Interruptor, Acionado à mão



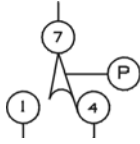
SK = Switch Key Operated
Interruptor, Acionado por teclado



SL = Switch Level Operated
Interruptor, Acionado por nível



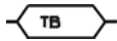
SM = Switch Mechanically Operated
Interruptor, Acionado mecanicamente



SP = Switch Pressure Operated
Interruptor, Acionado por pressão



ST = Switch Temperature Operated
Interruptor, Acionado por temperatura



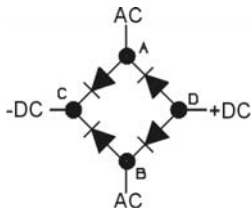
TB = Terminal Block
Bloco terminal



VE = Valve Electrically Operated
Válvula, Acionada por energia elétrica



WC = Wiring Connector
Conector de fiação elétrica

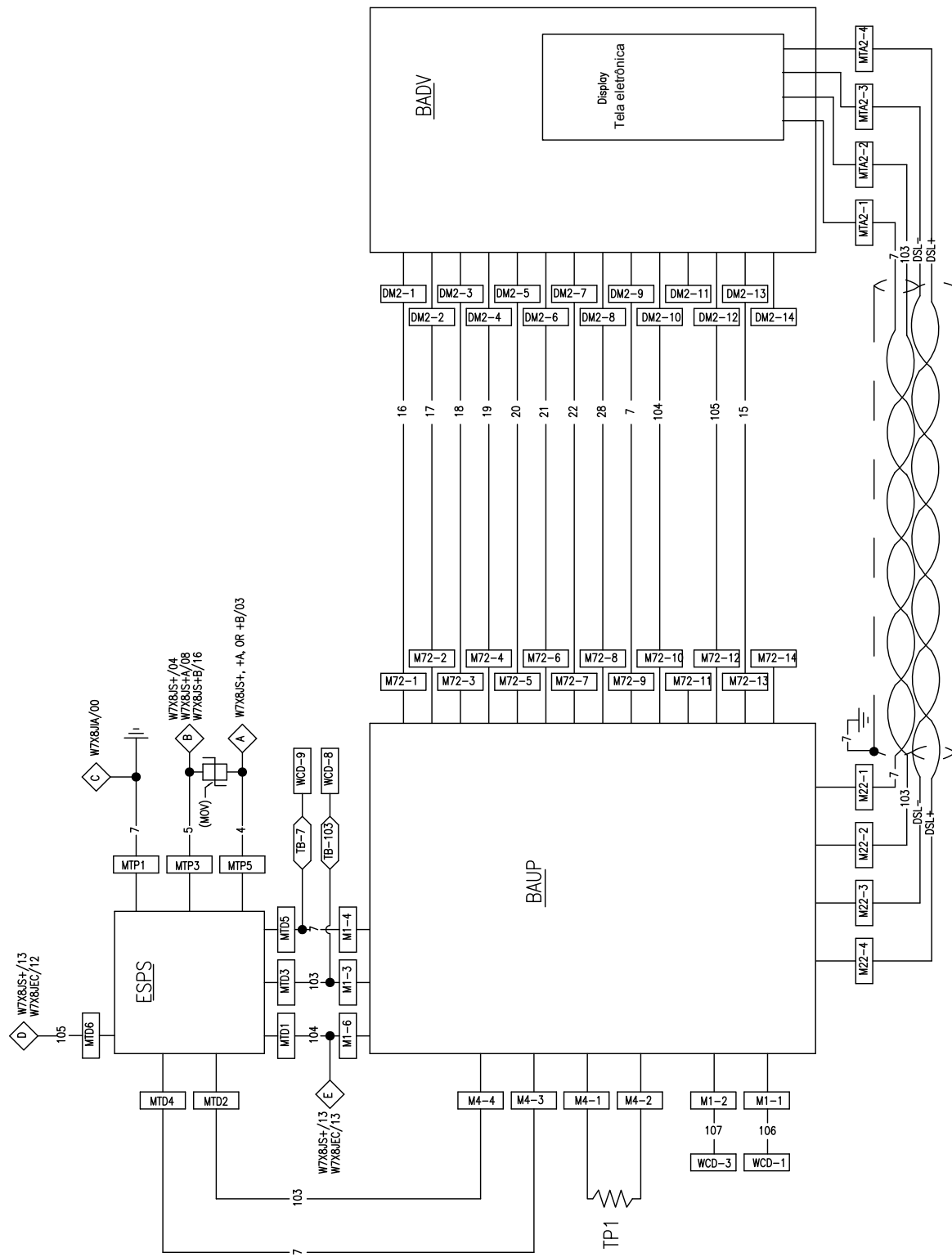


**ZF = Rectifier
Retificador**

W7X8JBWAP

PELLERIN MILNOR CORPORATION

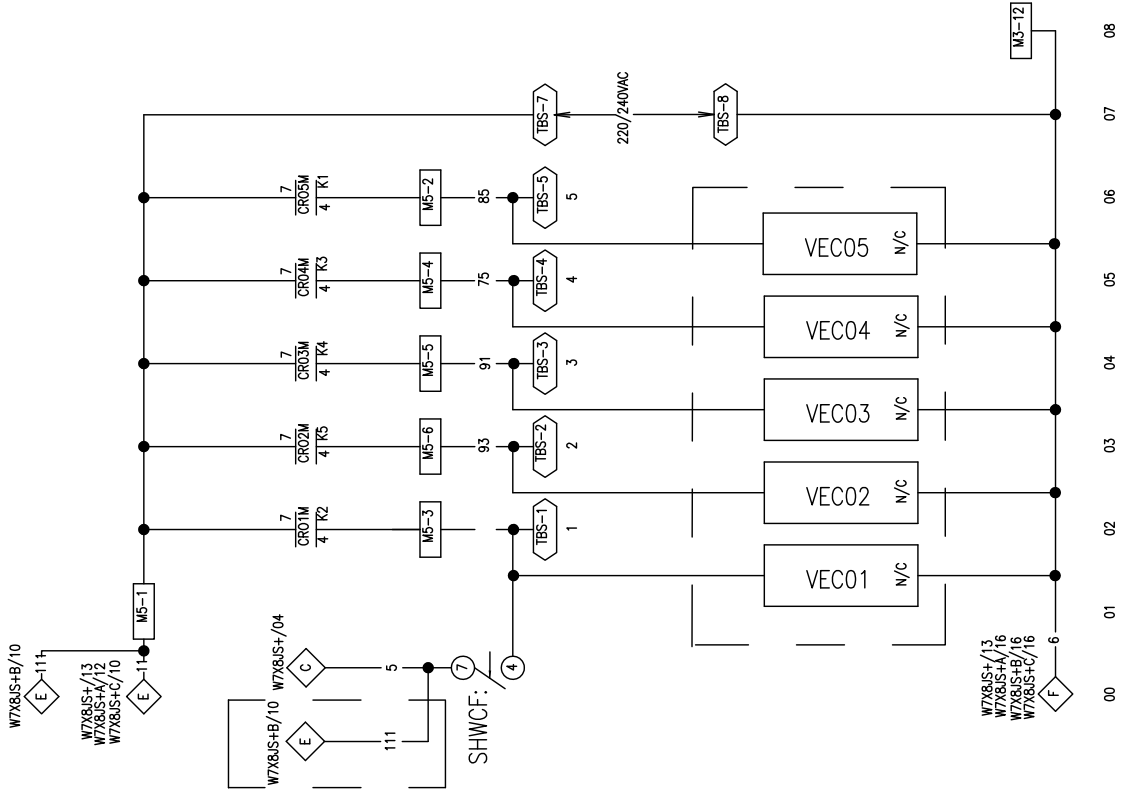
2012232A



18
17
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W7X8JCFP

PELLERIN MILNOR CORPORATION

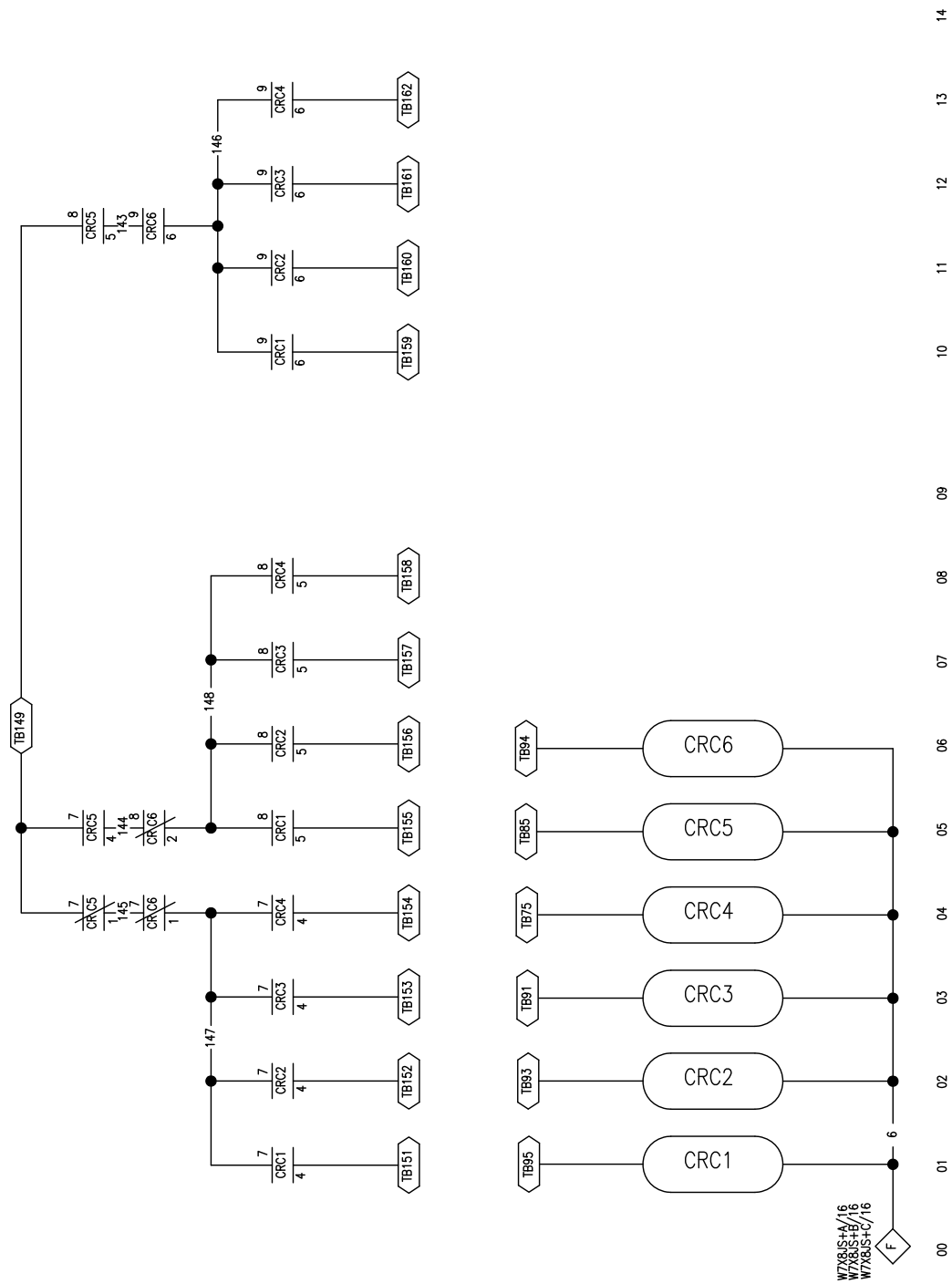


supplies
12 produtos químicos

W7X8JCMP

PELLERIN MILNOR CORPORATION

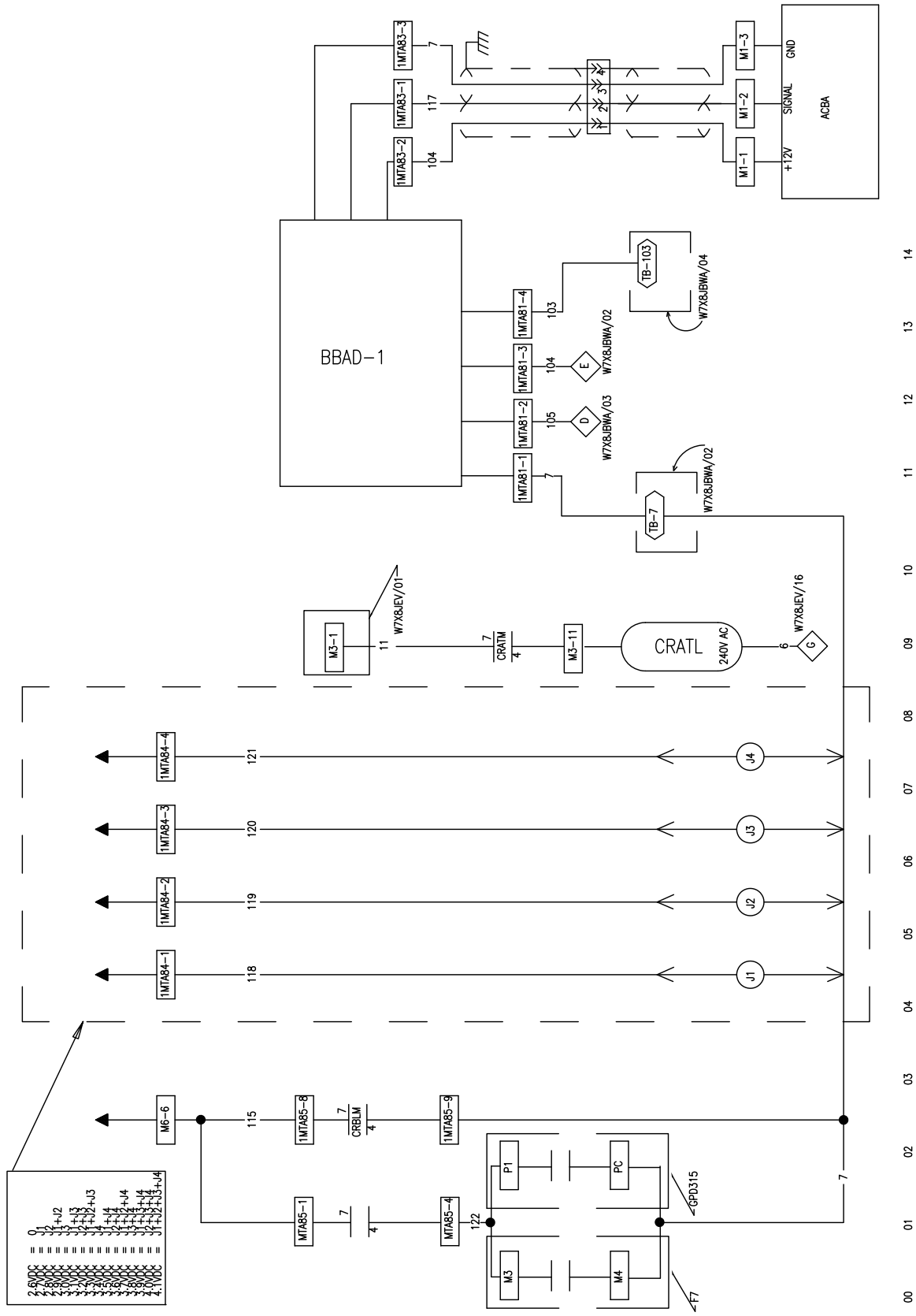
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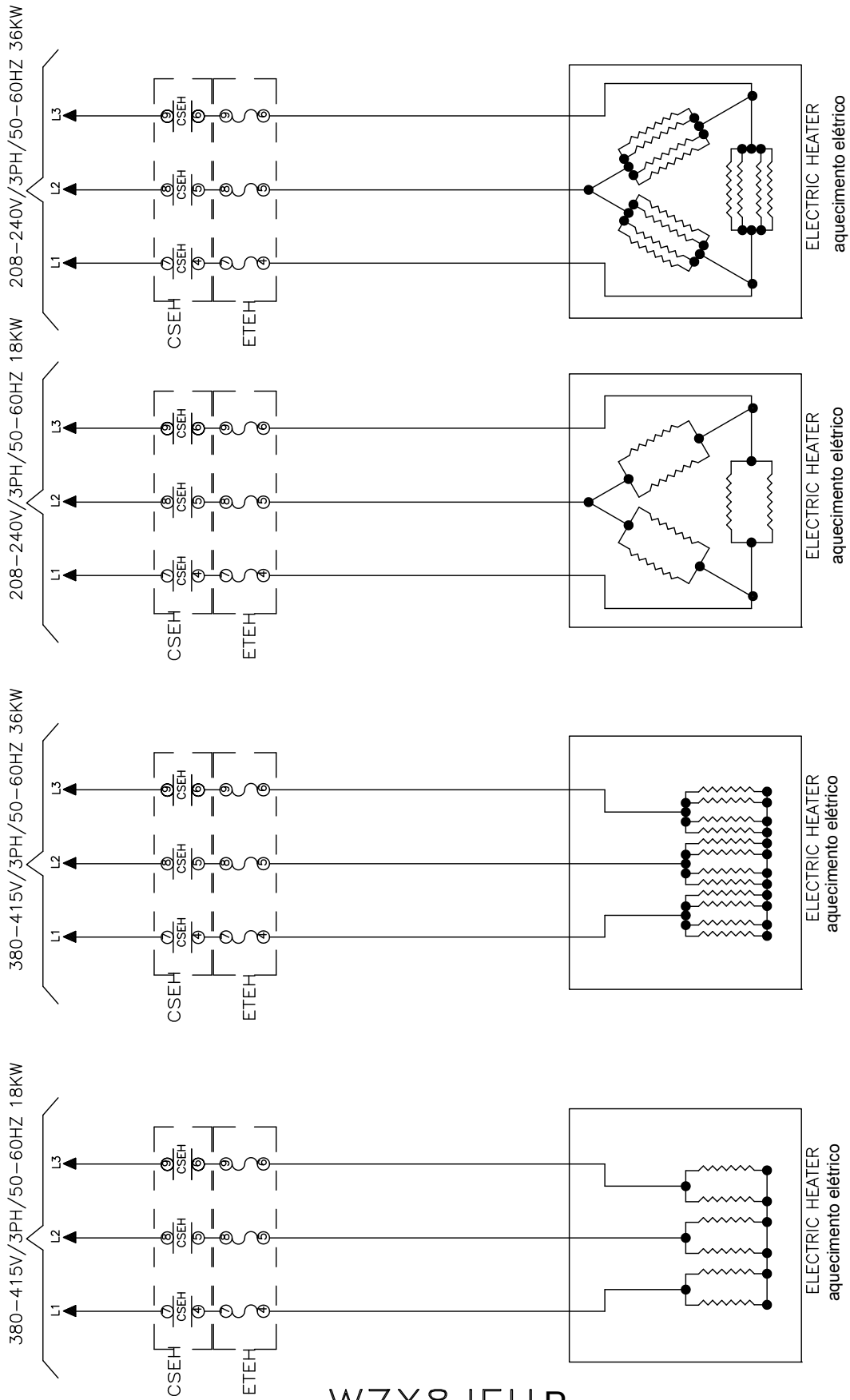
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PELLERIN MILNOR CORPORATION

2023014A



electric heat
aquecimento elétrico



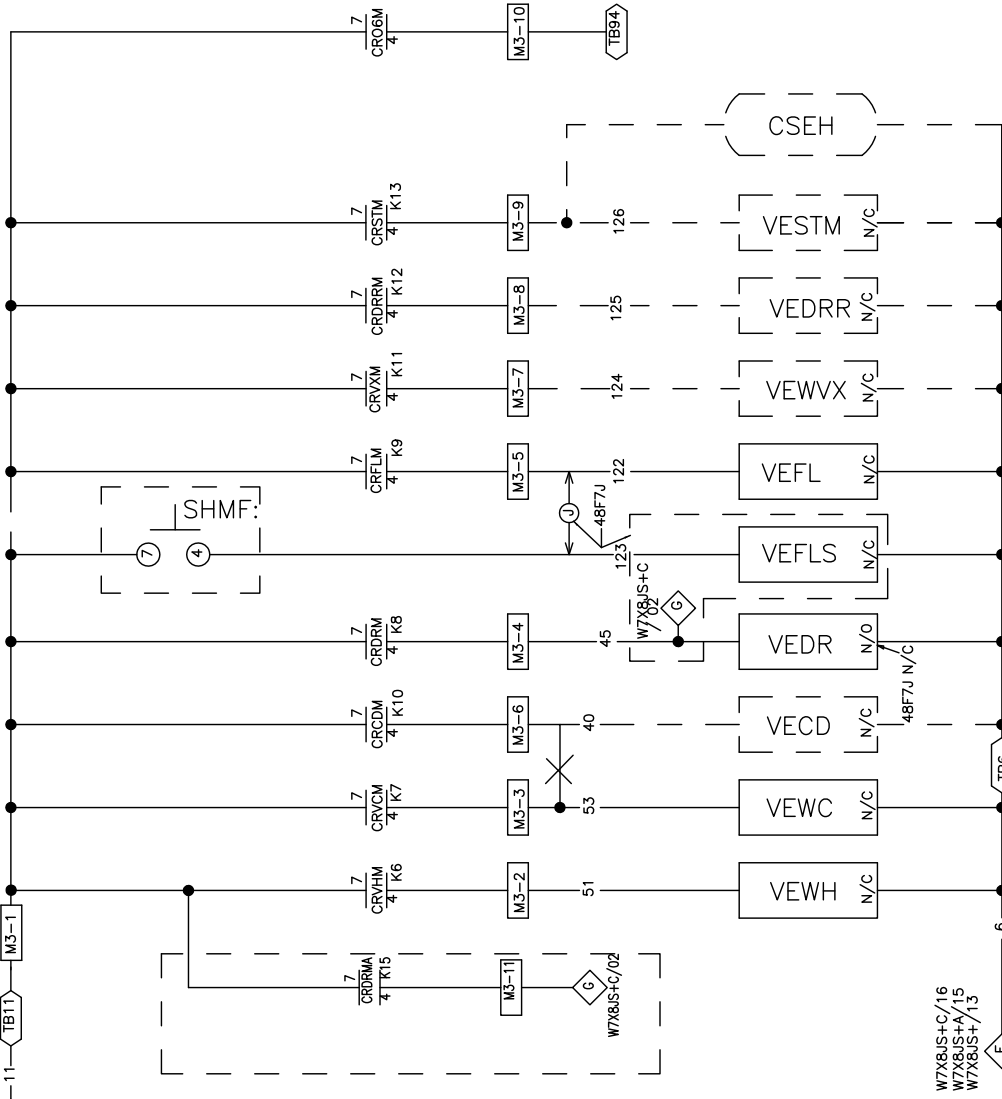
W7X8JEHP

PELLERIN MILNOR CORPORATION

2012396A

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

W7X8JS+/13
W7X8JS+A/12
W7X8JS+C/10



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

W7X8JEV P

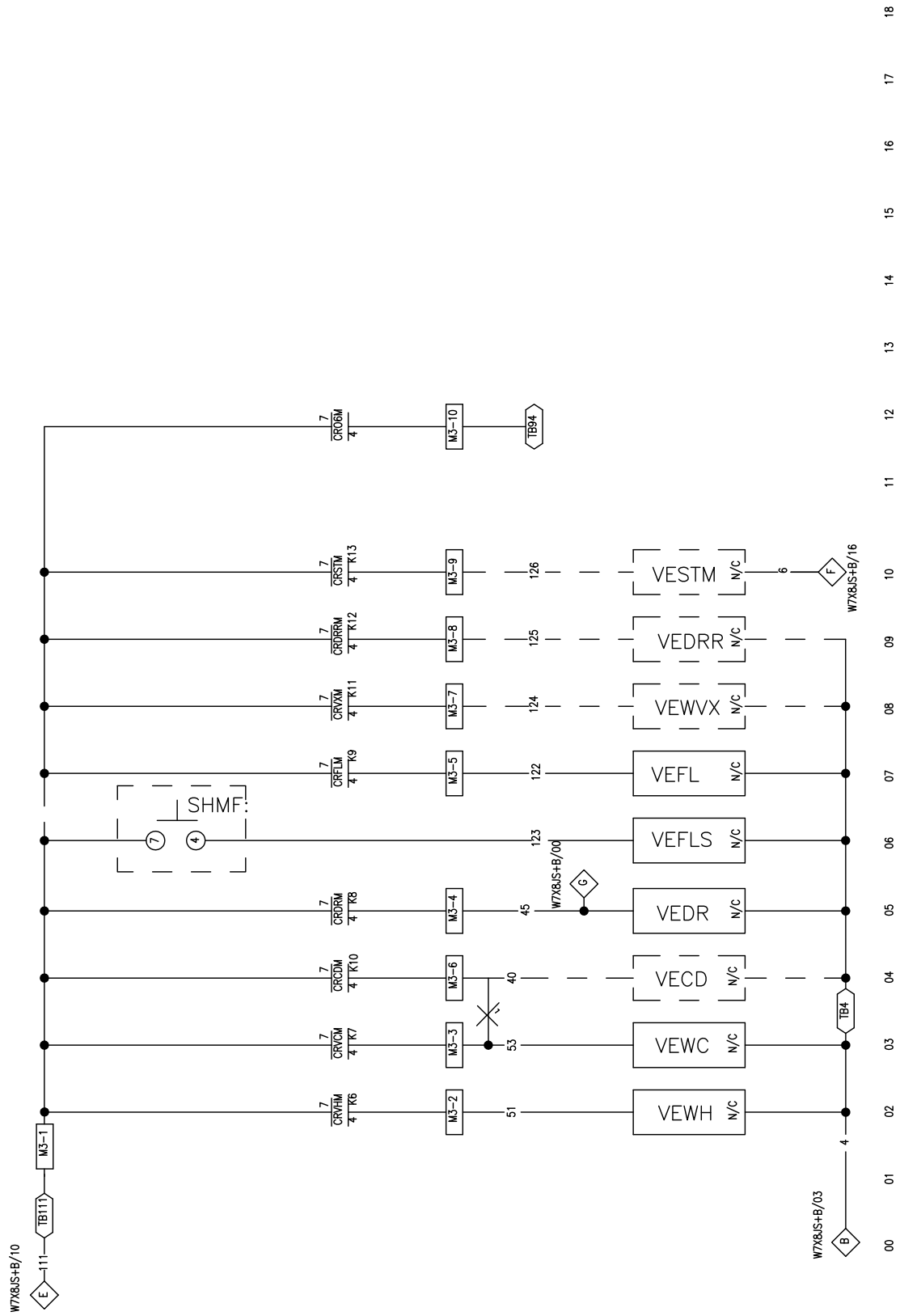
PELLERIN MILNOR CORPORATION

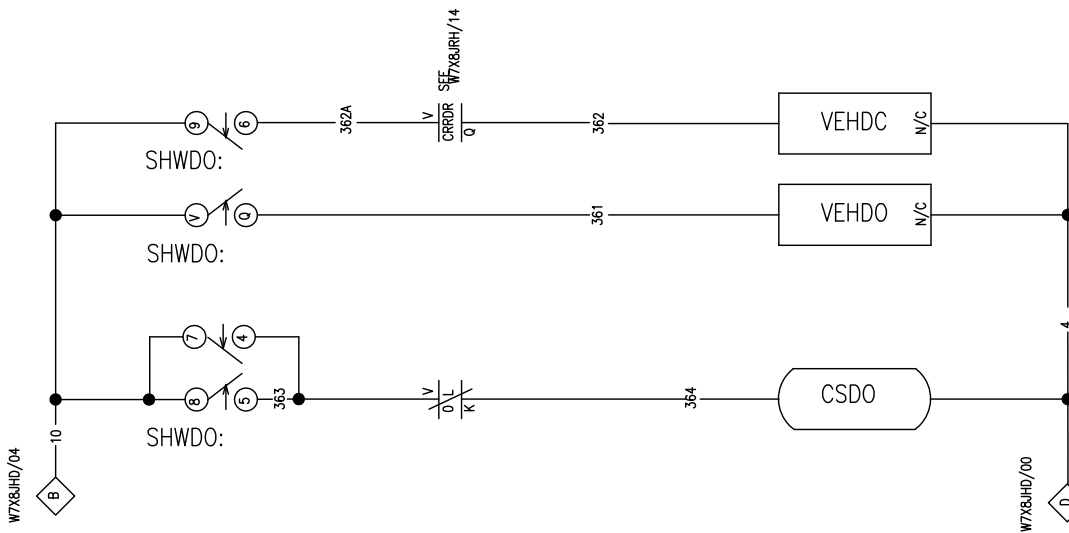
30, 36, 42X7J, 48F7J
electric valves
Válvulas eléctricas

2015205A

W7X8JEVA P

PELLERIN MILNOR CORPORATION

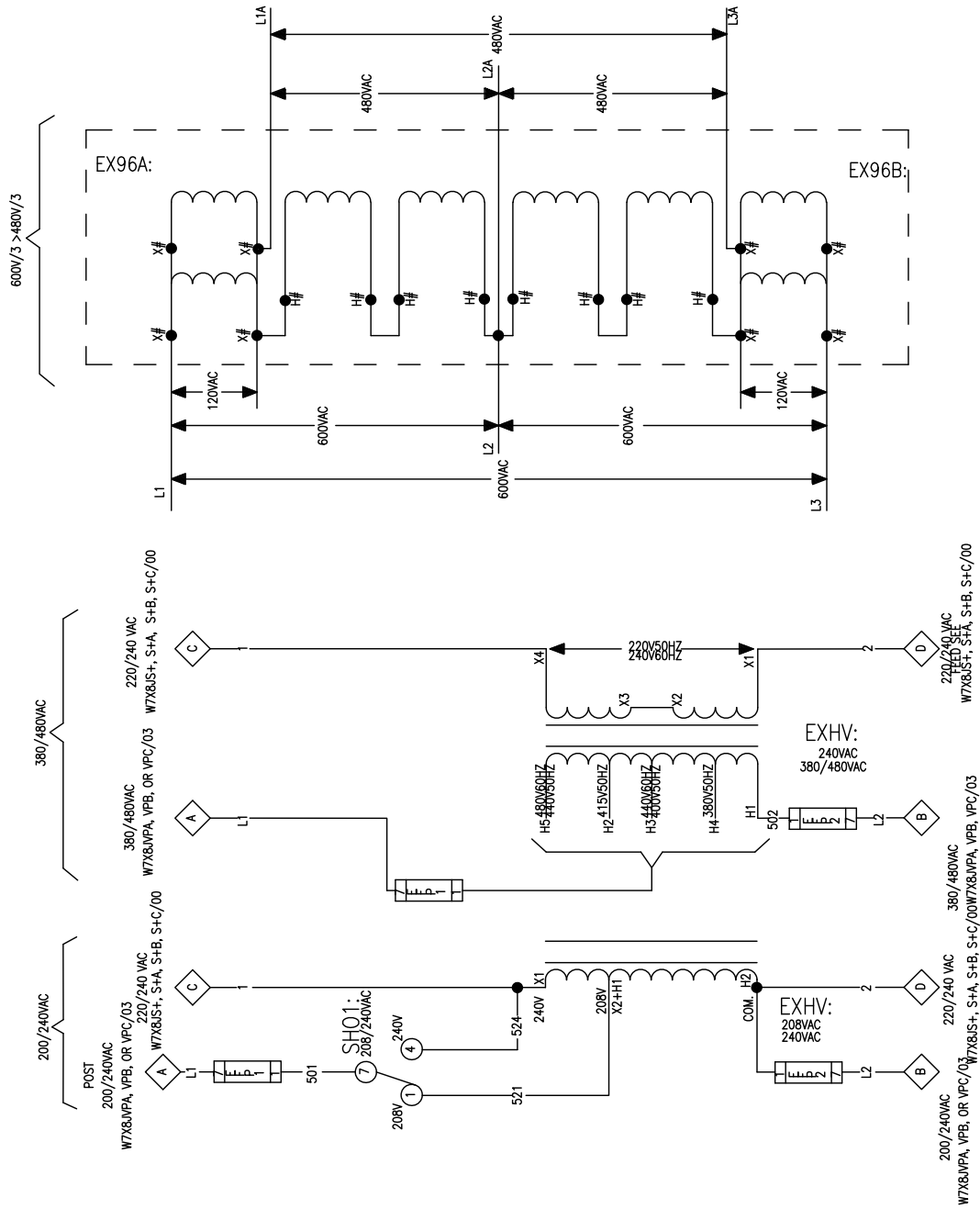




48040
hydraulic door
porta hidráulica

W7X8JHD P
PELLERIN MILNOR CORPORATION

2012232A



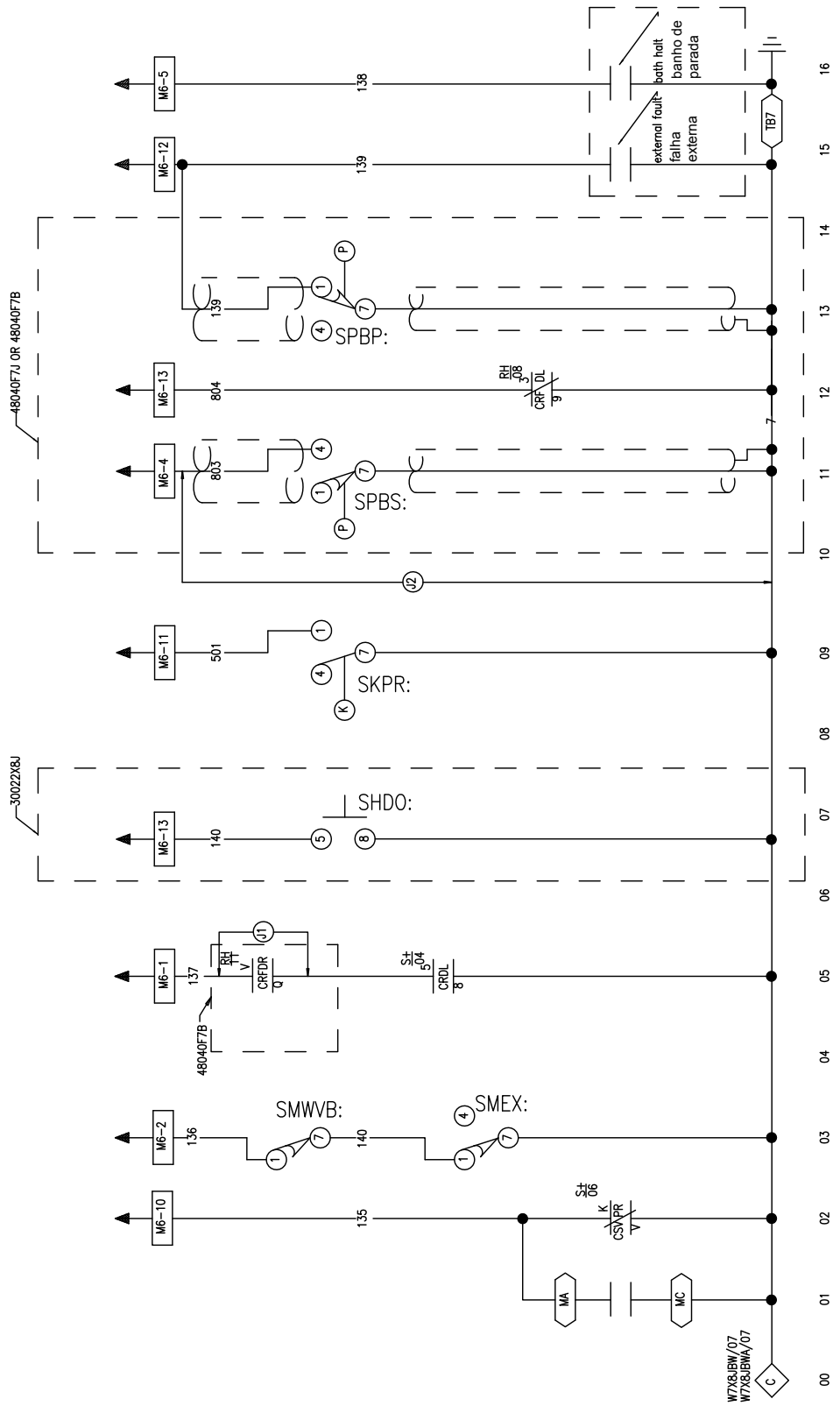
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W7X8JLVP

PELLERIN MILNOR CORPORATION

control transformers
transformador de controle

2021505A

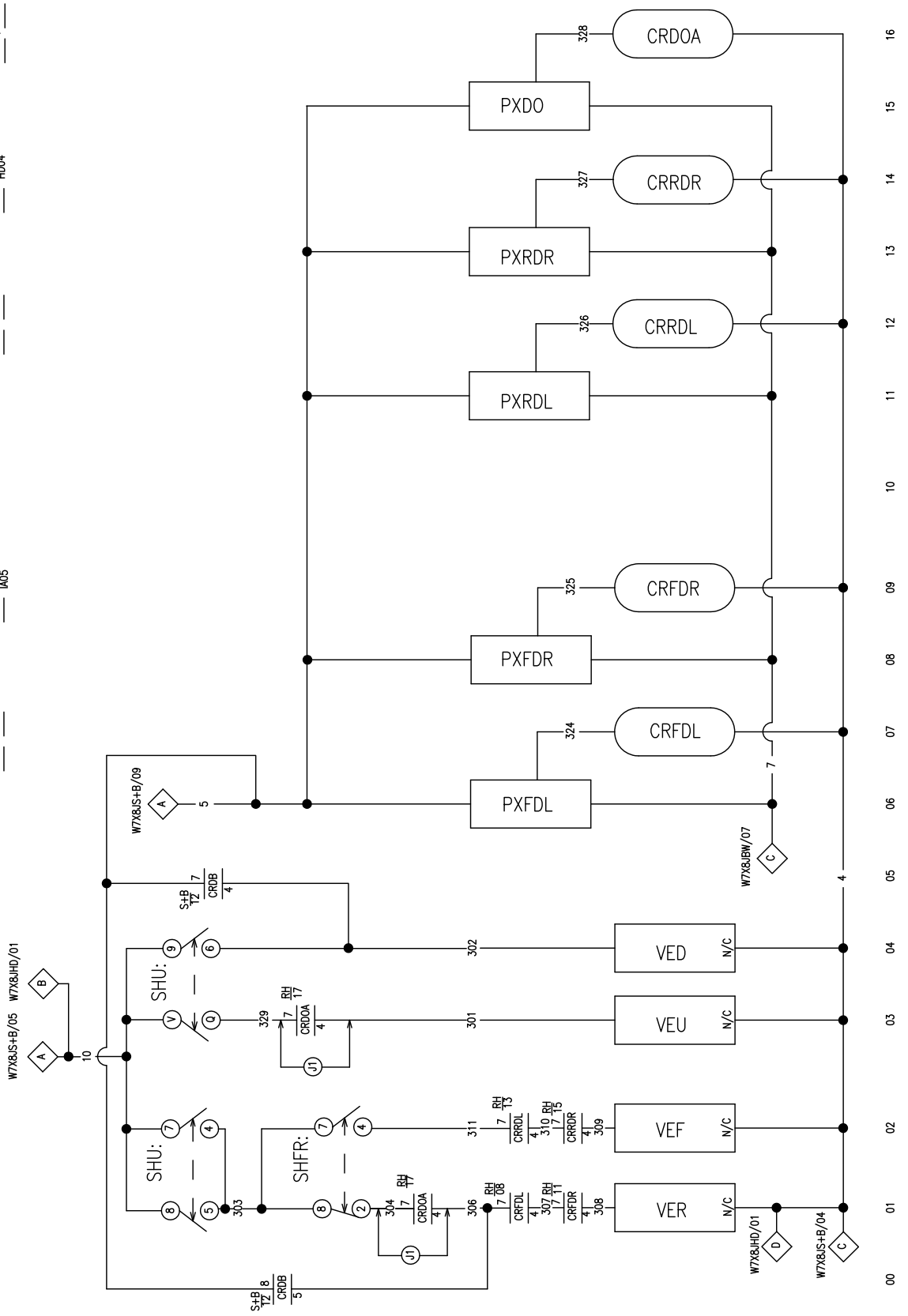


W7X8JIAP

PELLERIN MILNOR CORPORATION

microprocessor inputs
Entradas de microprocessador

2012233A

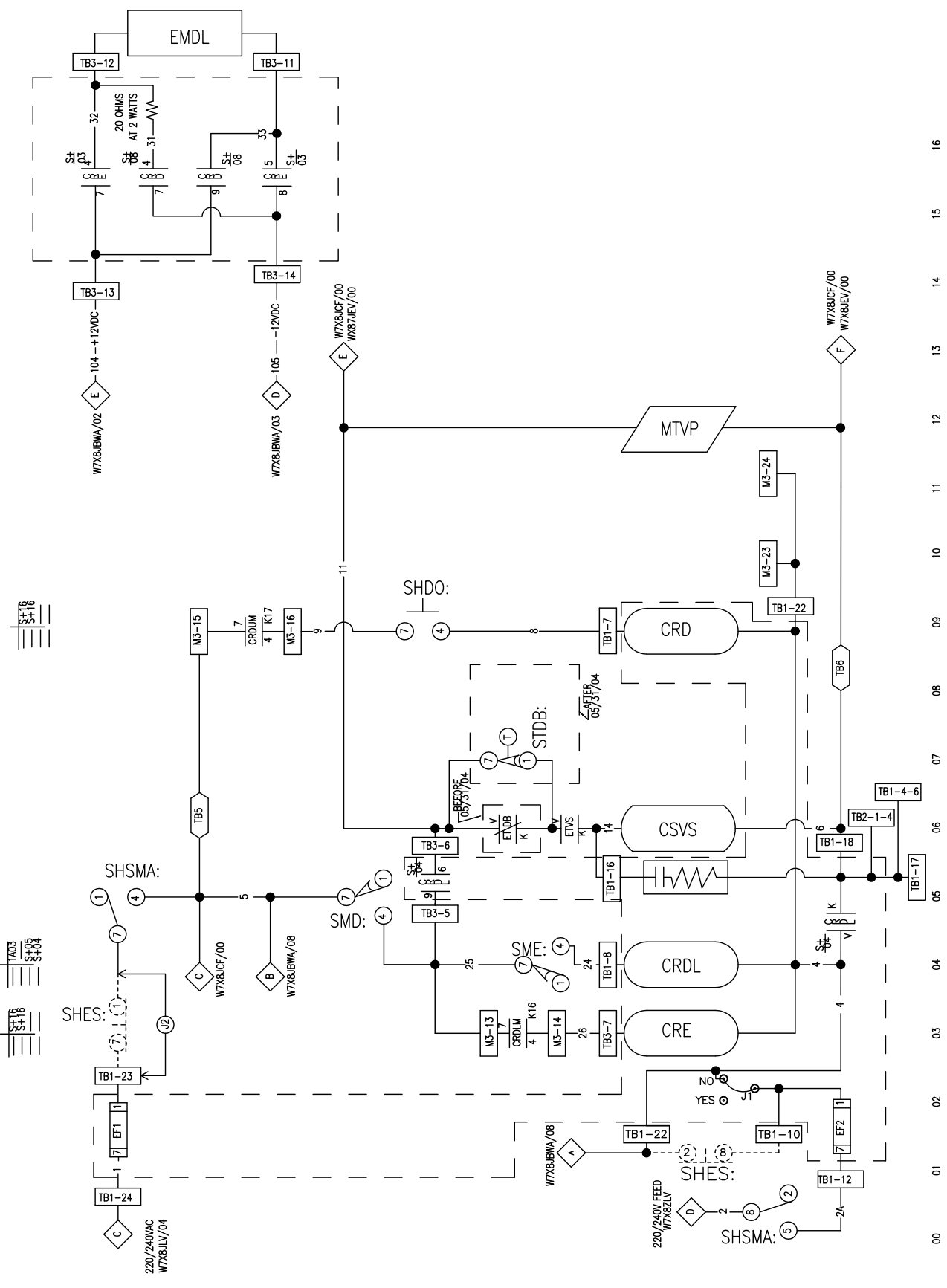


48040F7B
tilt circuit
circuito de inclinação

W7X8JRHP

PELLERIN MILNOR CORPORATION

2016515A

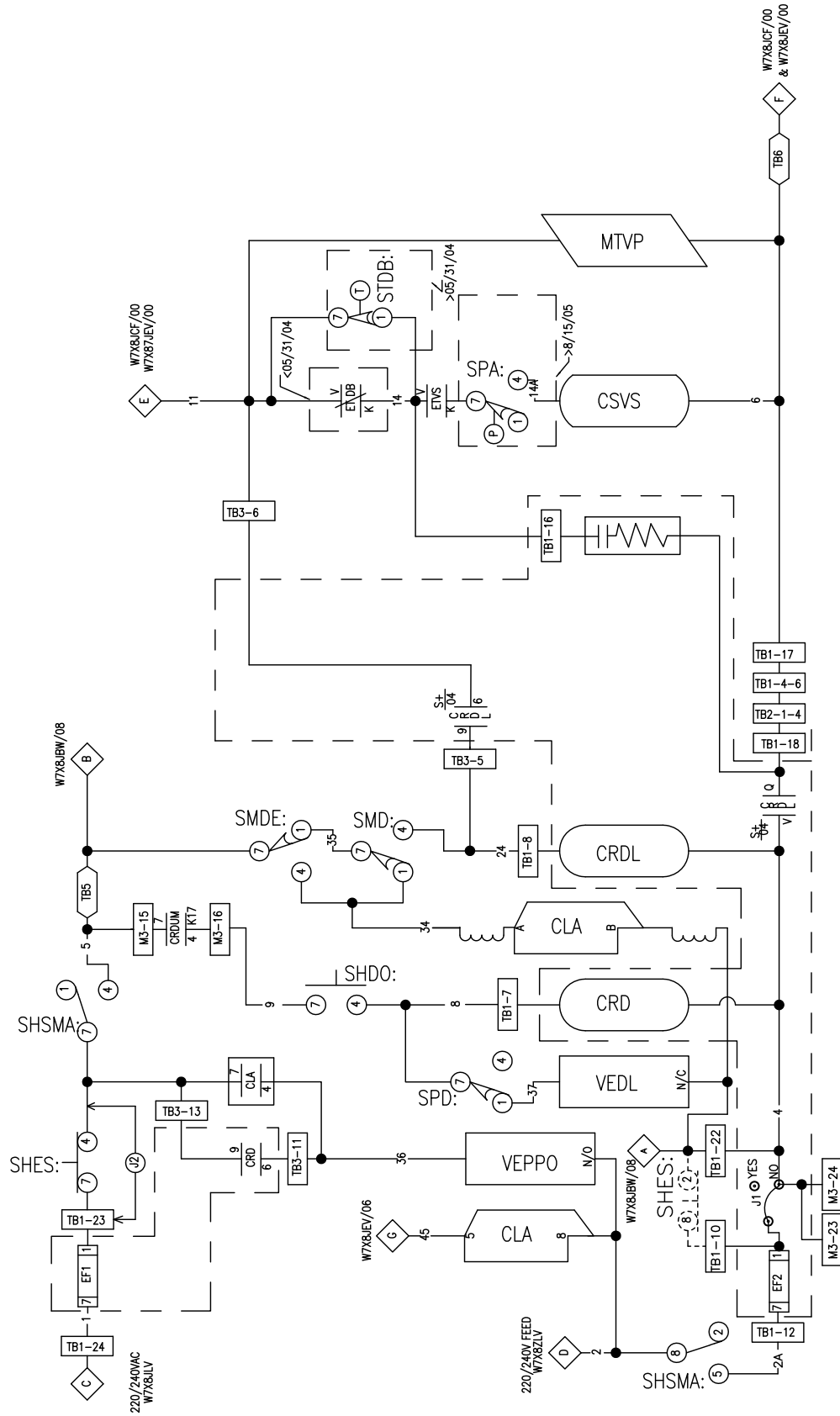


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W7X8JS+P
PELLERIN MILNOR CORPORATION

30022X8J
start circuit
Circuito de partida

2016432A



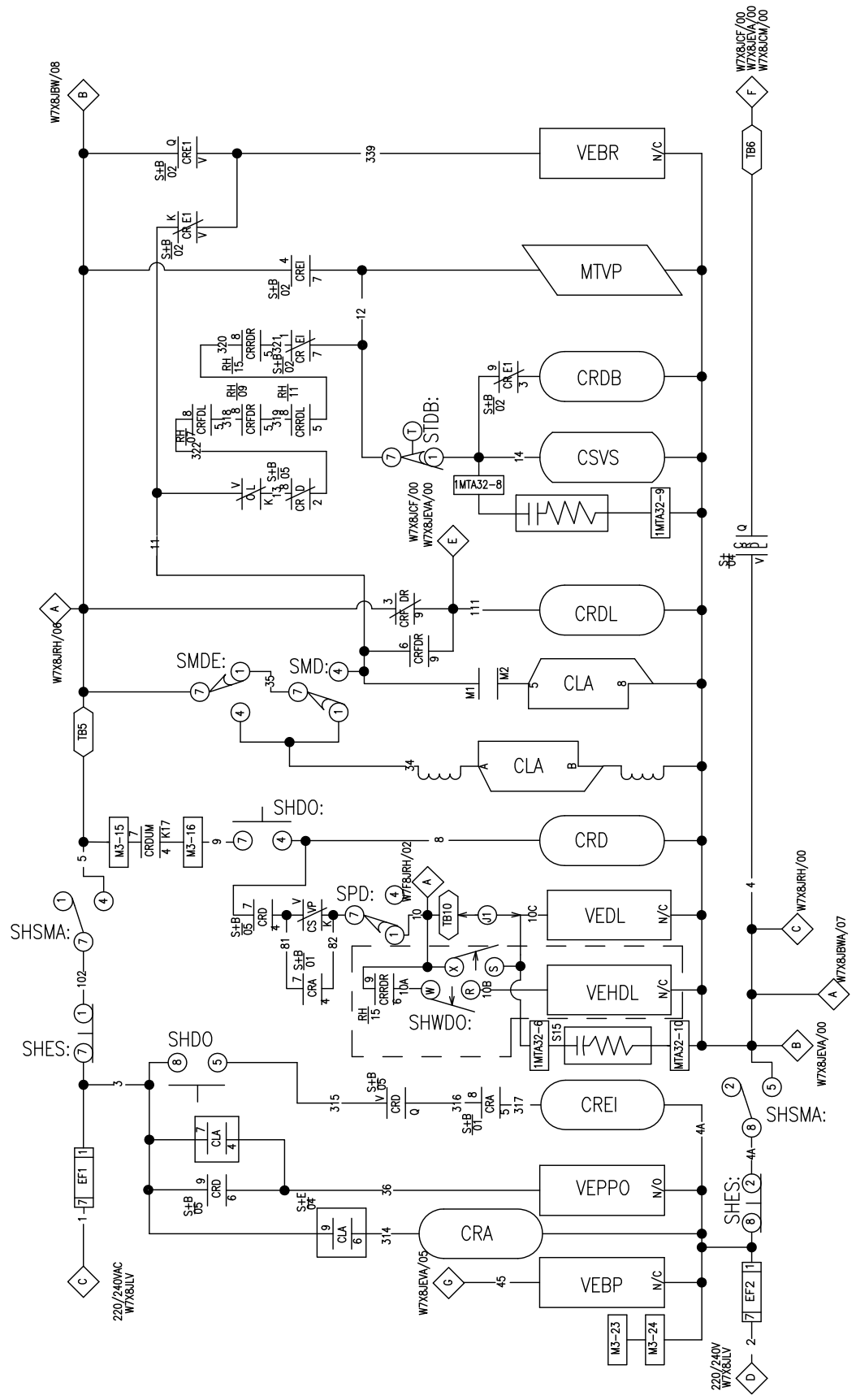
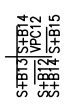
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W7X8JS+AP

PELLERIN MILNOR CORPORATION

36, 42X_U
start circuit
Circuito de partida

2016432A



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

48040F7B
start circuit
Circuito de partida

W7X8JS+BP

PELLERIN MILNOR CORPORATION

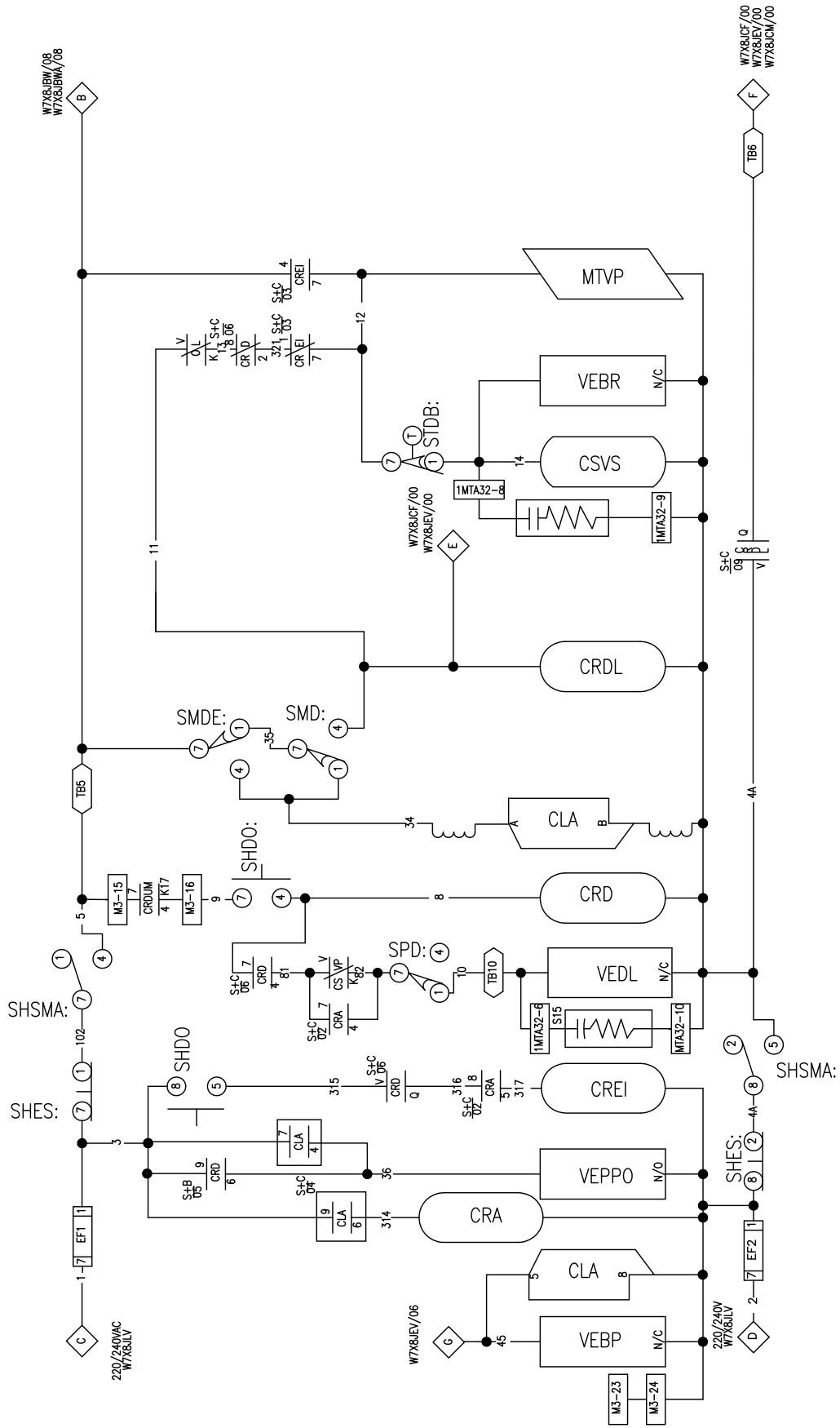
2016432A

48040F7J
 start_circuit
 Circuito de partida

W7X8JS+CP

PELLERIN MILNOR CORPORATION

2016432A



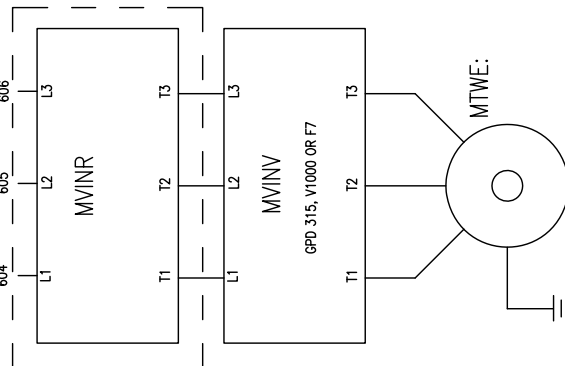
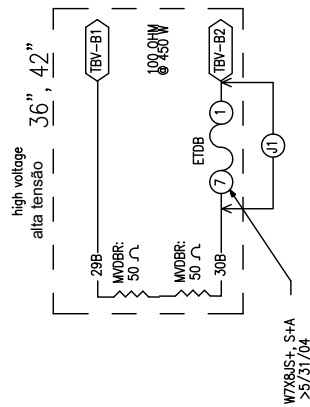
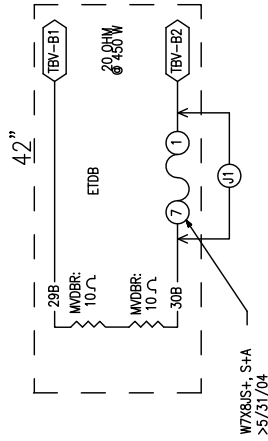
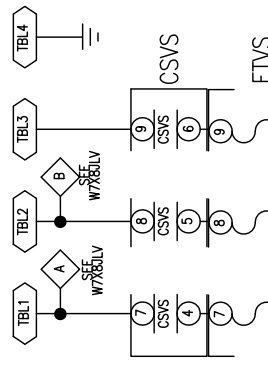
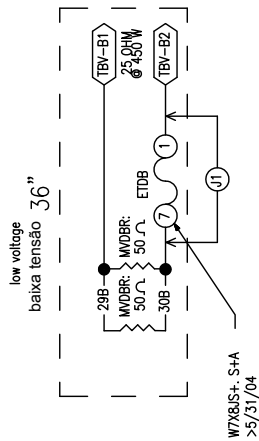
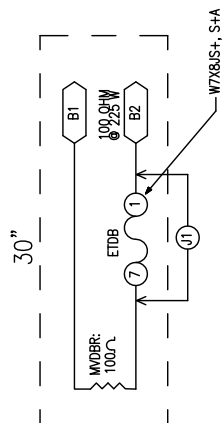
16 15 14 13 12 11 10 09 08 07 06 05 04 03 02 01 00

30, 36, 42X_J 3PH
speed controller
controlador de velocidade

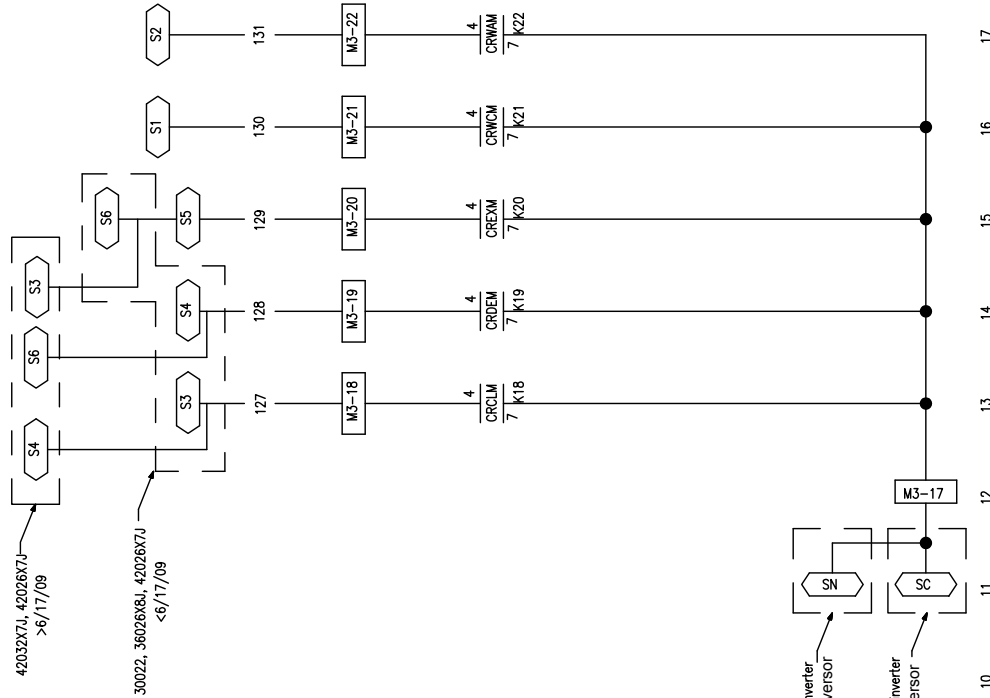
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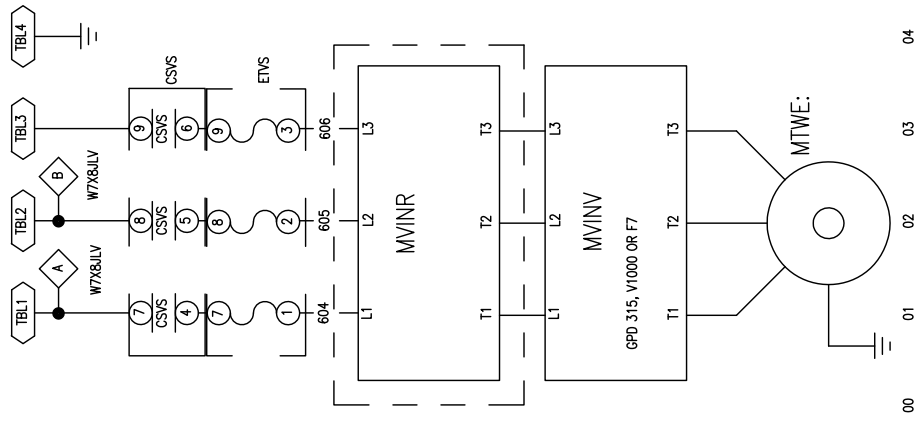
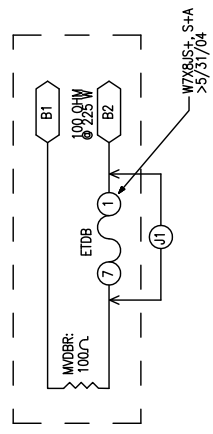
PELLERIN MILNOR CORPORATION

2015163A

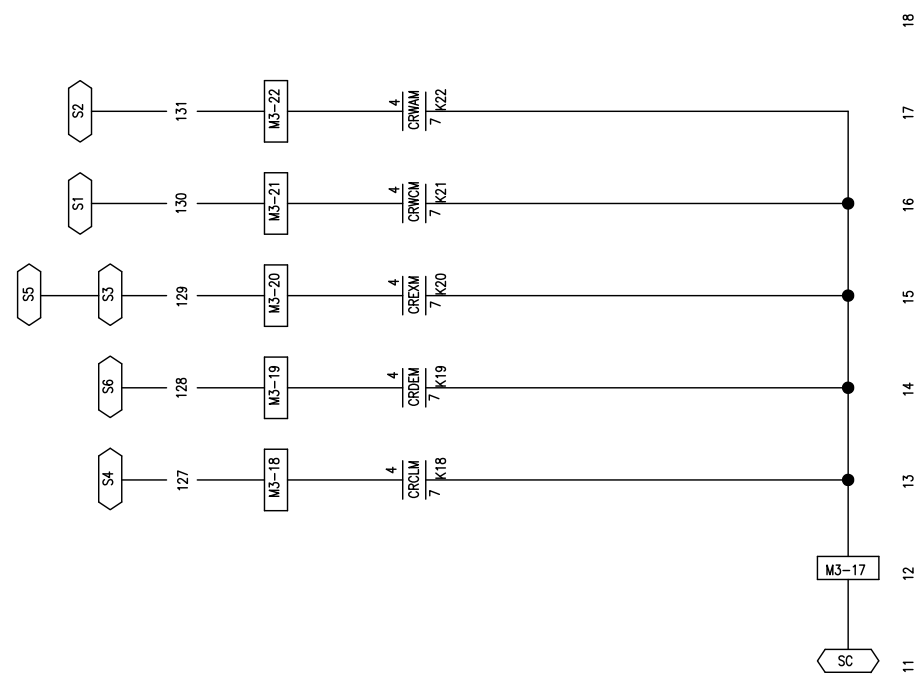


	K21	K22	K18	K19	K20
1	X				
2	X		X		
3	X			X	
4	X				X
5	X		X		X
6	X			X	X
7					X





	K21	K22	K18	K19	K20
1	X				
2	X		X		
3	X			X	
4	X				X
5	X		X		X
6	X			X	X
7					X



30, 36, 42X_J 1PH
 speed controller
 controlador de velocidade

W7X8JVPBP
 PELLERIN MILNOR CORPORATION

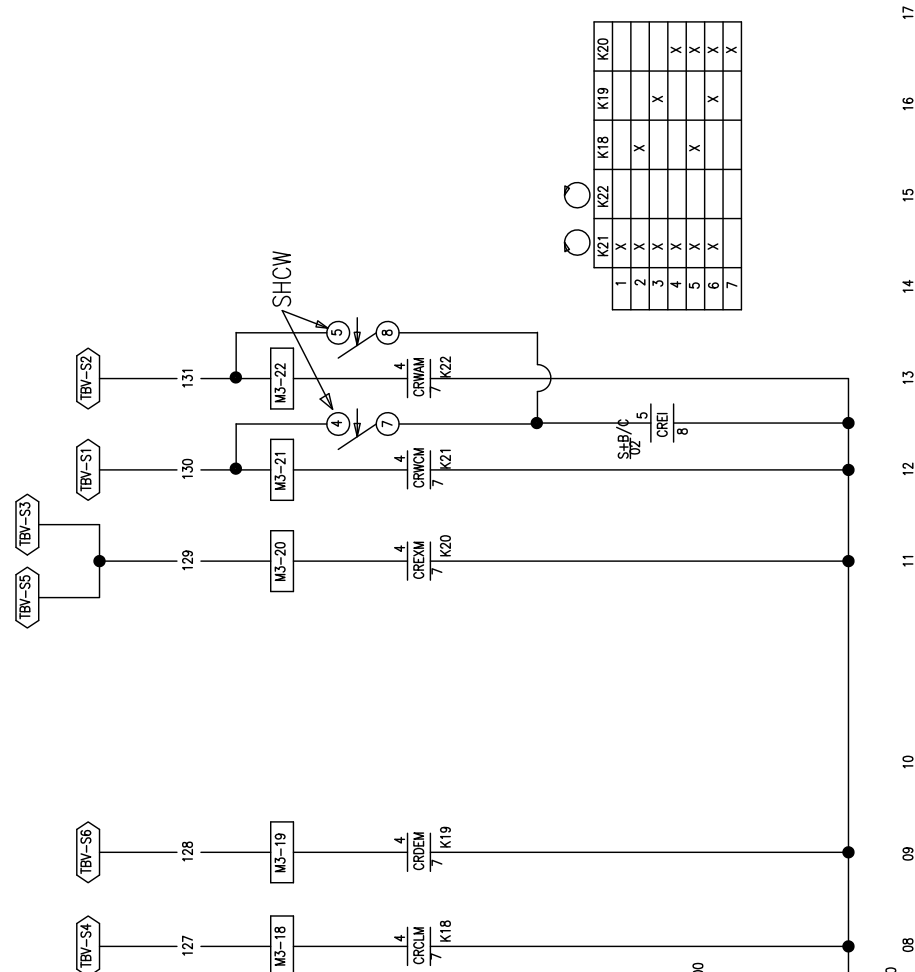
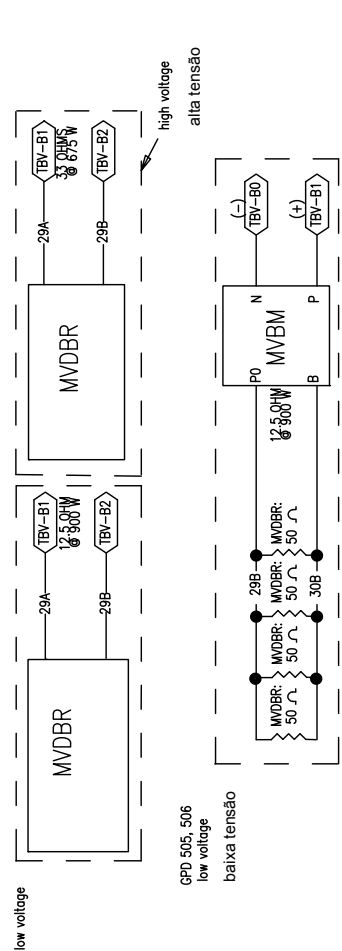
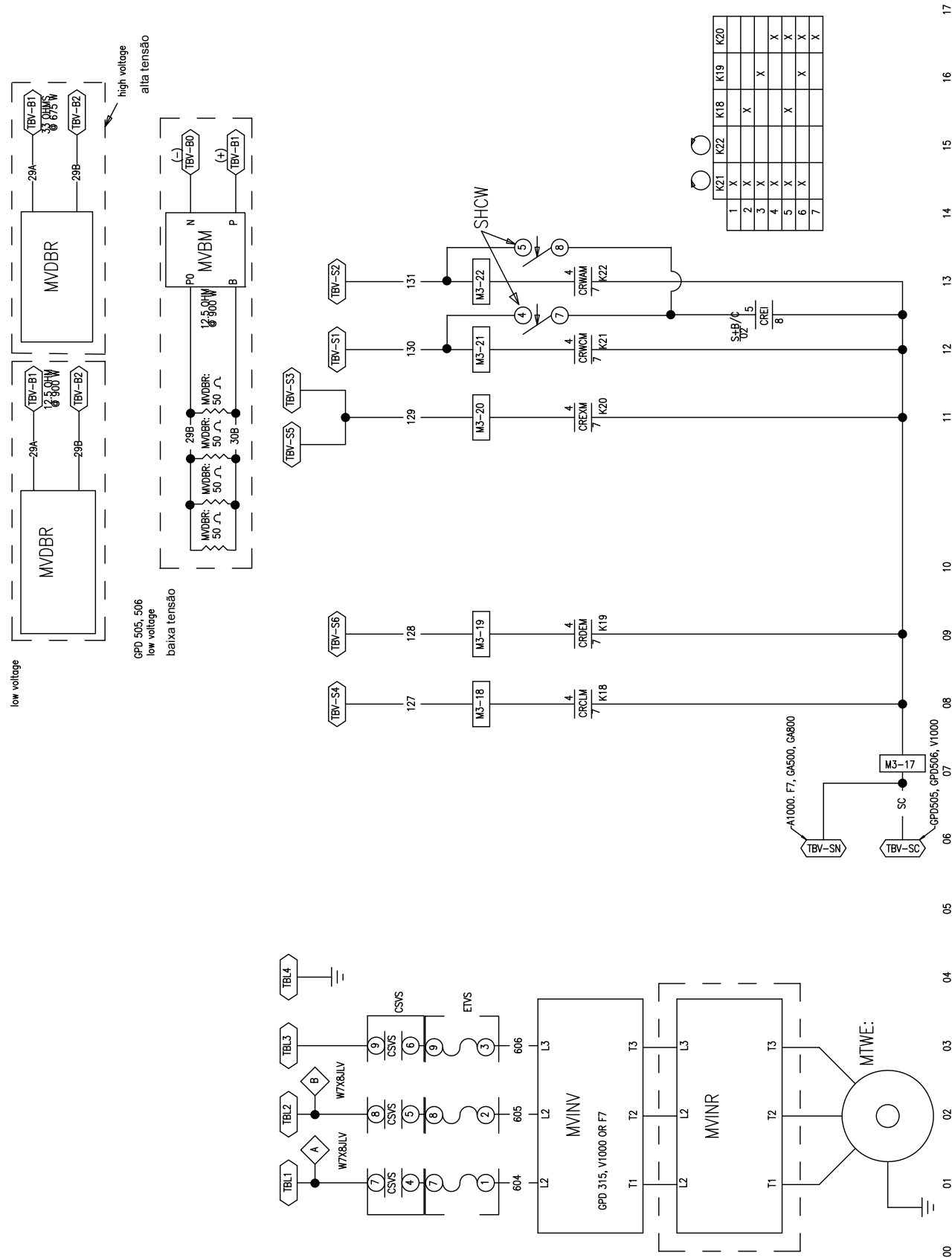
2015163A

48040F7J/B
 speed controller
 controlador de velocidade

W7X8JVPCP

PELLERIN MILNOR CORPORATION

2021332A



	K21	K22	K18	K19	K20
1	X				
2	X	X			
3	X				
4	X				
5	X				
6	X				
7	X				

low voltage
 alta tensão
 baixa tensão
 high voltage
 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17