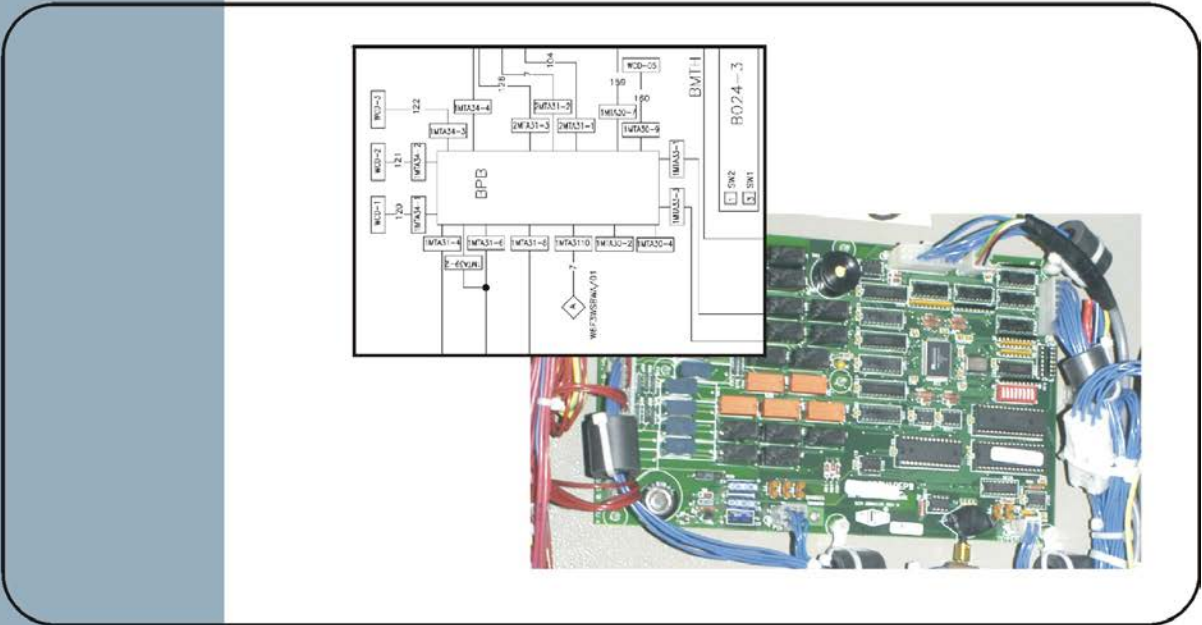




Published Manual Number/ECN: MC7V6Z11AX/2023442A

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- Access date: 11/01/2023
- Document ECNs: Latest

# 36021, 36026, 42026 & 42030 V\_Z MilTouch





# MC7V6Z11AX/23442A

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4	Repair parts / Peças de manutenção	WX2011001PT/2014484A
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24	transformer 600V / Transformador 600V	W7V6ZMT6P/2019472A
25	Start Circuit / Circuito de partida	W7V6ZS+P/2023442A
26	start circuit with pulse door interlock /Circuito de partida e fechadura da porta de pulso	W7V6ZS+AP/2023442A
27	speed controller / controlador de velocidade	W7V6ZVPAP/2022496A



English/Português

1

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

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

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## 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](mailto: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](mailto:parts@milnor.com)



# MC7V6Z11AX

W7V6ZPLP/2021274N

AC			
ACBA		W7V6ZEC	EACCLRM7
BA			
BAFR		W7V6ZS+	08BHFRCCT
BAFR<7/1/17		W7V6ZS+A	08BHFRCCT
BAFR		W7V6ZS+A	08BHFRTDT
BAUP < 2/5/16		W7V6ZBW	08BHA9D3T
BAUP > 2/5/16		W7V6ZBW	08BHA9E3GT
BBAD-1		W7V6ZEC	08BSBADCTE
BIO		W7V6ZBW	08BHF120AT
CB			
CB1		W7V6ZEH	09FC032CAA
CB1		W7V6ZEH	09FC050CAA
CR			
CRC1		W7V6ZCM	09C024D37
CRC2		W7V6ZCM	09C024D37
CRC3		W7V6ZCM	09C024D37
CRC4		W7V6ZCM	09C024D37
CRC5		W7V6ZCM	09C024D37
CRC6		W7V6ZCM	09C024D37
CRD		W7V6ZS+	09C024D37
CRDL		W7V6ZS+	09C024D37
CRDRR		W7V6ZEV	09C024D37
CRE		W7V6ZS+	09C024D37
CS			
CSEH	36021/26	W7V6ZEV	09MC08L337
CSEH	42026/30	W7V6ZEV	09MC08T337
CSVP		W7V6ZS+	09MC08G337
EF			
EF1		W7V6ZLV	09FF002AMG
EFP1HV	<415 VOLTS	W7V6ZLV	09FF002AWN
EFP1LV	>415 VOLTS	W7V6ZLV	09FF005AWN
EFP2HV	<415 VOLTS	W7V6ZLV	09FF002AWN
EFP2LV	>415 VOLTS	W7V6ZLV	09FF005AWN
EM			
EMCF		W7V6ZS+	13AF100A37
EMDL		W7V6ZS+	09K062B37
EMDR		W7V6ZEV	96D350A37
ES			
ESPS		W7V6ZBW	08PSS3401T
EX			
EX96A	600V PRI/480V SEC	W7V6ZMT6	09US010A96
EX96B	600V PRI/480V SEC	W7V6ZMT6	09US010A96
EXHV-1	208/240>120VAC	W7V6ZLV	09UA025A37
EXHV-2	380/480>120VAC	W7V6ZLV	09UA025AAB
INVERTER	36"V5Z <250V	W7V6JVPA	09MWB01774
INVERTER	36"V5Z >250V	W7V6JVPA	09MWB00996
INVERTER	36"V7Z <250V	W7V6JVPA	09MWB02574
INVERTER	36"V7Z >250V	W7V6JVPA	09MWB01596
INVERTER	4226V6Z <250V	W7V6JVPA	09MWB03374

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W7V6ZPLP/2021274N

INVERTER	4226V6Z >250V	W7V6JVPA	09MWB02496
INVERTER	4230V6Z <250V	W7V6JVPA	09MWC04774
INVERTER	4230V6Z >250V	W7V6JVPA	09MWB01896
MOV		W7V6ZBW	08M0V0240
MT			
MTWE	36V5	W7V6JVPA	39G809AAT
MTWE	36V7	W7V6JVPA	39G820AAT
MTWE	4226V6	W7V6JVPA	39G820AAT
MTWE	4230V6	W7V6JVPA	39G830AAT
MV			
MVDBR		W7V6JVPA	09MV050REV
MVDBR		W7V6JVPA	09MV010REV
MVINR		W7V6JVPA	09MX075A96
MVINR		W7V6JVPA	09MX075A74
MVINV	3621/26V5Z <250V	W7V6ZVPA	09MWB01774
MVINV	3621/26V5Z <250V	W7V6ZVPA	09MWD01774
MVINV	3621/26V5Z >250V	W7V6ZVPA	09MWB00996
MVINV	3621/26V5Z >250V	W7V6ZVPA	09MWD00996
MVINV	3621/26V7Z <250V	W7V6ZVPA	09MWB03374
MVINV	3621/26V7Z <250V	W7V6ZVPA	09MWD03374
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MVINV	3621/26V7Z >250V	W7V6ZVPA	09MWD01596
MVINV	4226/30V7Z <250V	W7V6ZVPA	09MWB03374
MVINV	4226/30V7Z <250V	W7V6ZVPA	09MWD03374
MVINV	4226/30V7Z <250V	W7V6ZVPA	09MWC04774
MVINV	4226/30V7Z <250V	W7V6ZVPA	09MWC04774
MVINV	4226/30V7Z >250V	W7V6ZVPA	09MWB01896
MVINV	4226/30V7Z >250V	W7V6ZVPA	09MWD01896
RS			
RS01		W7V6ZBW	09AR16R25
SH			
SHDD		W7V6ZS+	09N405PB10
SHMA		W7V6ZS+	09N405M210
SM			
SMD		W7V6ZS+	09R014A
SMVB		W7V6ZIA	09R020
SP			
SPEH		W7V6ZEV	09N069
ST			
STDB		W7V6ZS+	30RA175T
STDB		W7V6ZS+A	30RA175T
TP			
TP1		W7V6ZBW	30R0043P
VE			
VEC1		W7V6ZCF	--
VEC2		W7V6ZCF	--
VEC3		W7V6ZCF	--
VEC4		W7V6ZCF	--
VEC5		W7V6ZCF	--
VEC6		W7V6ZCF	--

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W7V6ZPLP/2021274N

VEC7		W7V6ZCF	--
VEC8		W7V6ZCF	--
VEDR		W7V6ZEV	96D350A37
VEDRR		W7V6ZEV	96D350B37
VESTM		W7V6ZEV	96R301A37
VEWC		W7V6ZEV	96P056A37
VEWH		W7V6ZEV	96P056A37
VEWVX		W7V6ZEV	96P056A37

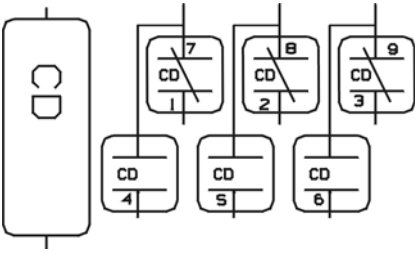
**Legend of Symbols**  
**Legenda dos símbolos**



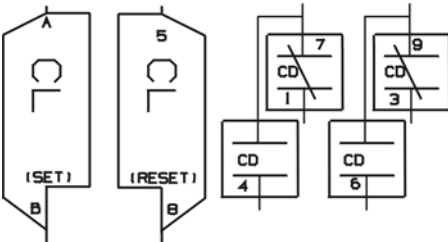
**BA = Printed Circuit Board**  
**Placa de circuito impresso**



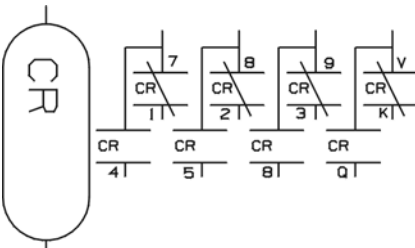
**CB = Circuit Breaker**  
**Disjuntor**



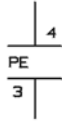
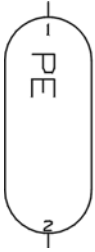
**CD = Time Delay Relay**  
**Relé de ação retardada**



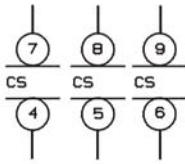
**CL = Latch Relay**  
**Relé de trava**



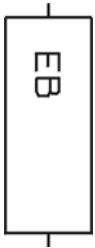
**CR = Relay**  
**Relé**



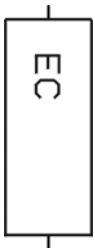
**CP = Photo-Eye**  
**Fotoelétrico**



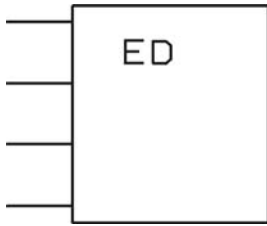
**CS = Contactor/Motor Starter**  
**Contator/Arranque do Motor**



**EB = Audible Signal**  
**Sinal Sonoro**



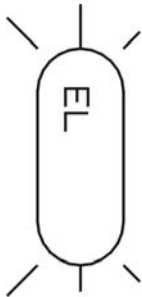
**EC = Clutch**  
**Embreagem**



**ED = Electronic Display**  
**Tela eletrônica**



**EF = Fuse**  
**Fusível**

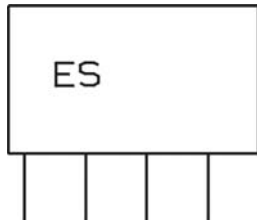


**EL = Light**  
**Luz**



**EM = Electro Magnatic Solenoid**  
**Solenóide eletromagnético**

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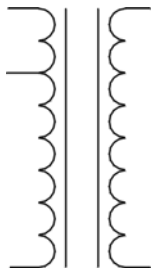
**ES = Electronic Power Supply**  
**Fonte de alimentação eletrônica**

---



**ET = Thermal Overload**  
**Sobrecarga térmica**

---



**EX = Transformer**  
**Transformador**

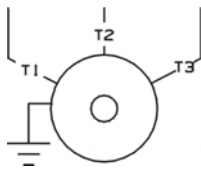
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**KB = Keyboard/Keypad**  
**Teclado/Teclado**

---

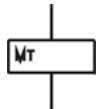
**MN = Electronic Monitor**  
**Monitor eletrônico**

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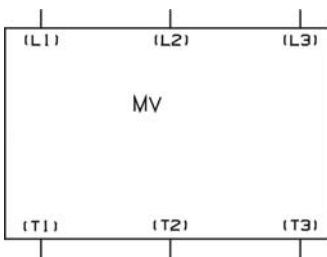
**MR = Motor**  
**Motor**

---



**MT = Board Connector**  
**Conector da placa**

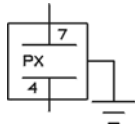
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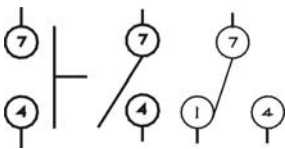
**MV = Motor Inverter**  
**Inversor do Motor**

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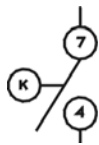




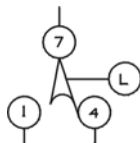
**PX = Proximity Switch**  
**Sensor de proximidade**



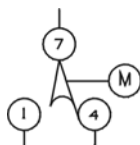
**SH = Switch Hand Operated**  
**Interruptor, Acionado à mão**



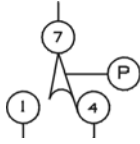
**SK = Switch Key Operated**  
**Interruptor, Acionado por teclado**



**SL = Switch Level Operated**  
**Interruptor, Acionado por nível**



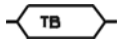
**SM = Switch Mechanically Operated**  
**Interruptor, Acionado mecanicamente**



**SP = Switch Pressure Operated**  
**Interruptor, Acionado por pressão**



**ST = Switch Temperature Operated**  
**Interruptor, Acionado por temperatura**



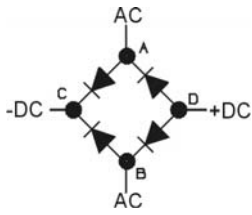
**TB = Terminal Block**  
**Bloco terminal**



**VE = Valve Electrically Operated**  
**Válvula, Acionada por energia elétrica**



**WC = Wiring Connector**  
**Conector de fiação elétrica**



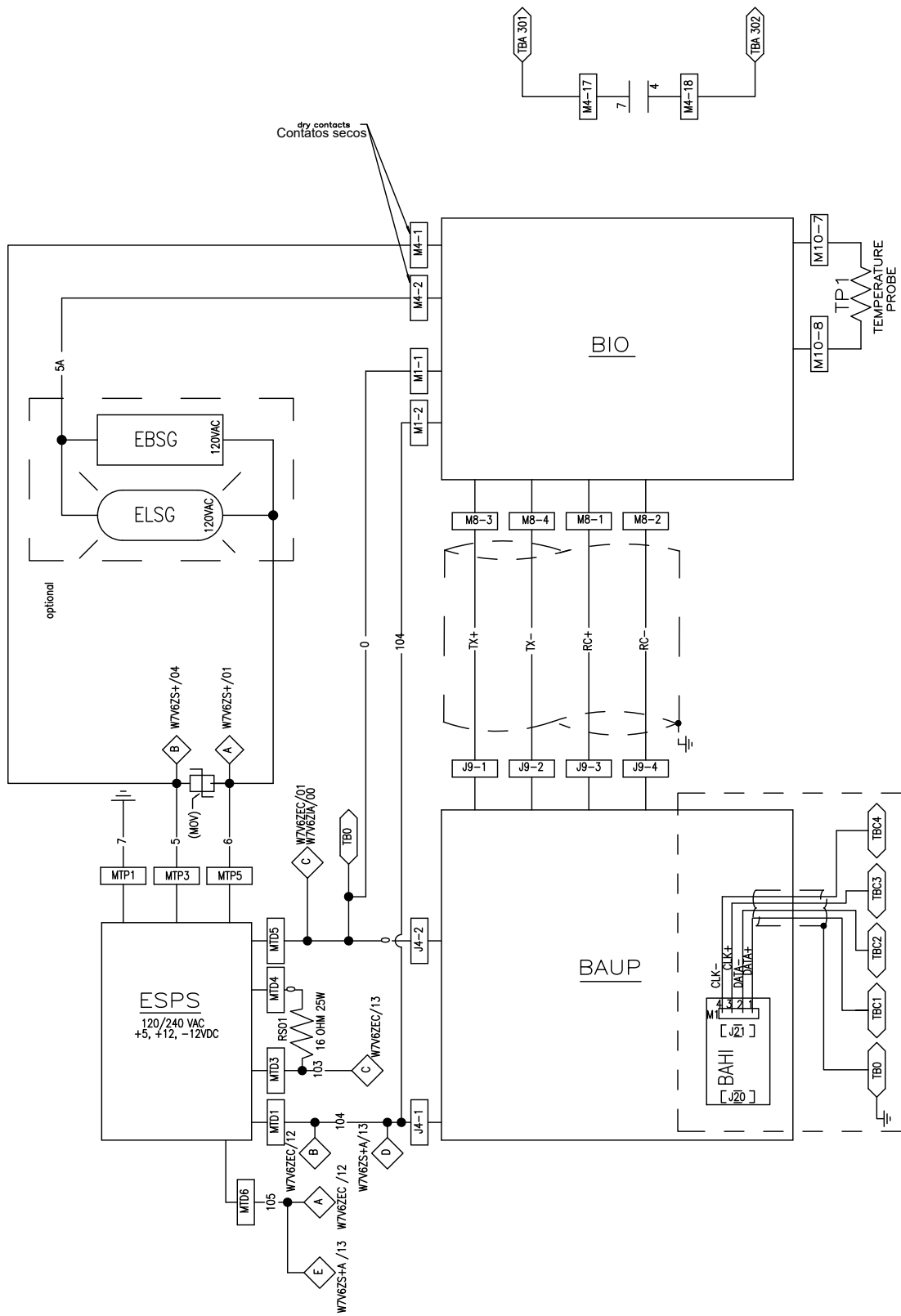
**ZF = Rectifier**  
**Retificador**

board wiring  
Fiação da placa

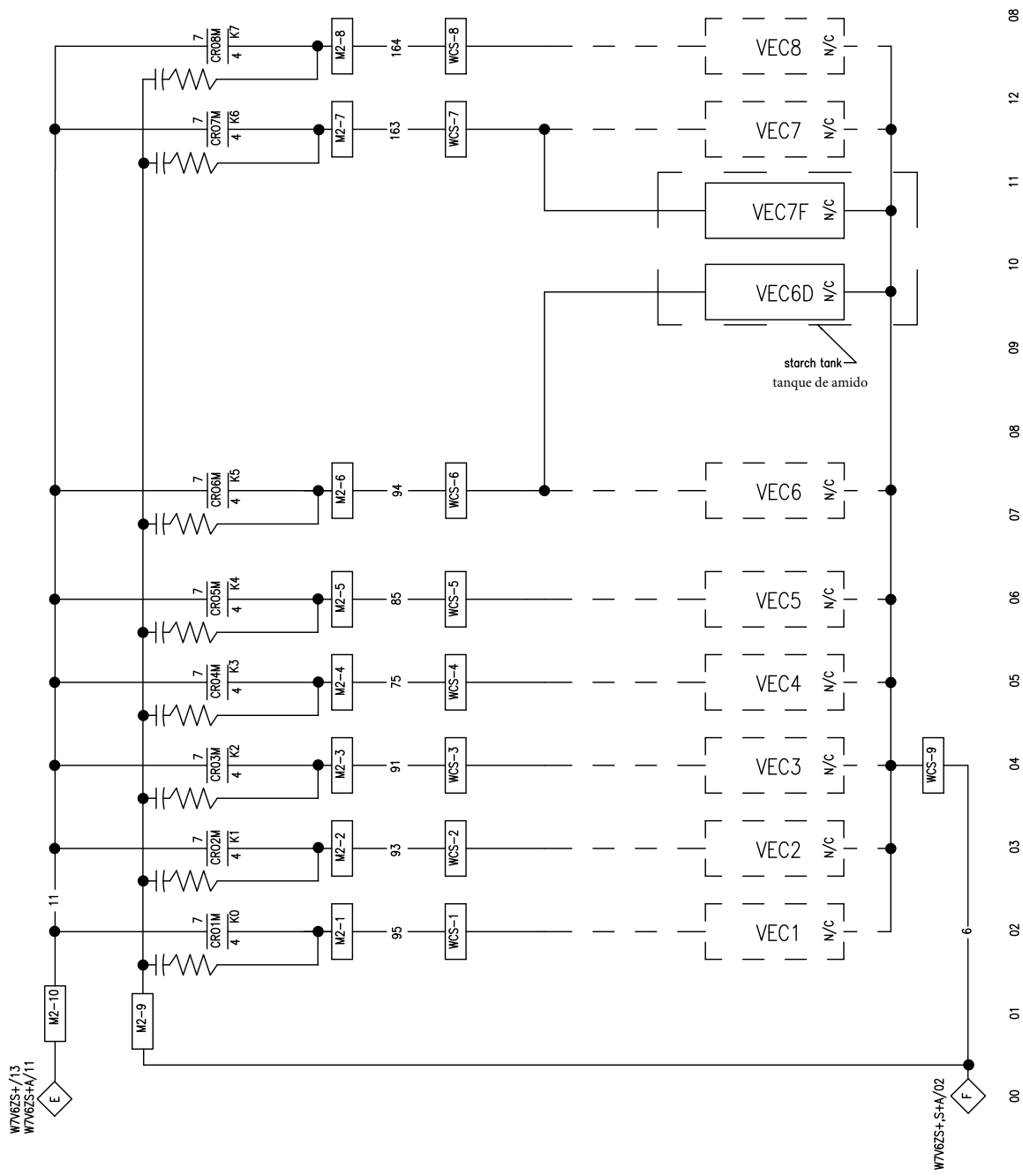
# W7V6ZBWP

PELLERIN MILNOR CORPORATION

2023442A



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



flushing supplies  
Materiais para lavagem

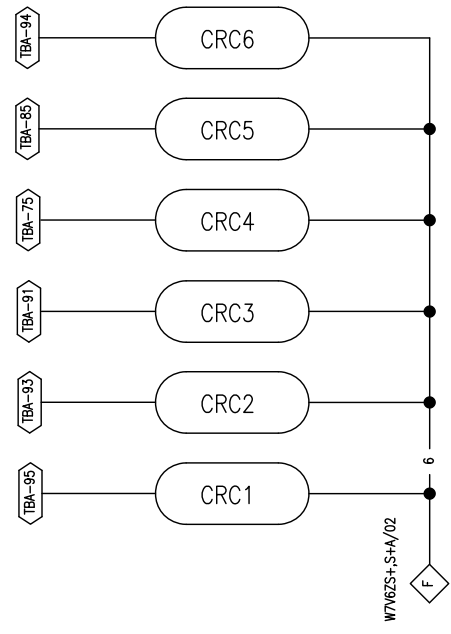
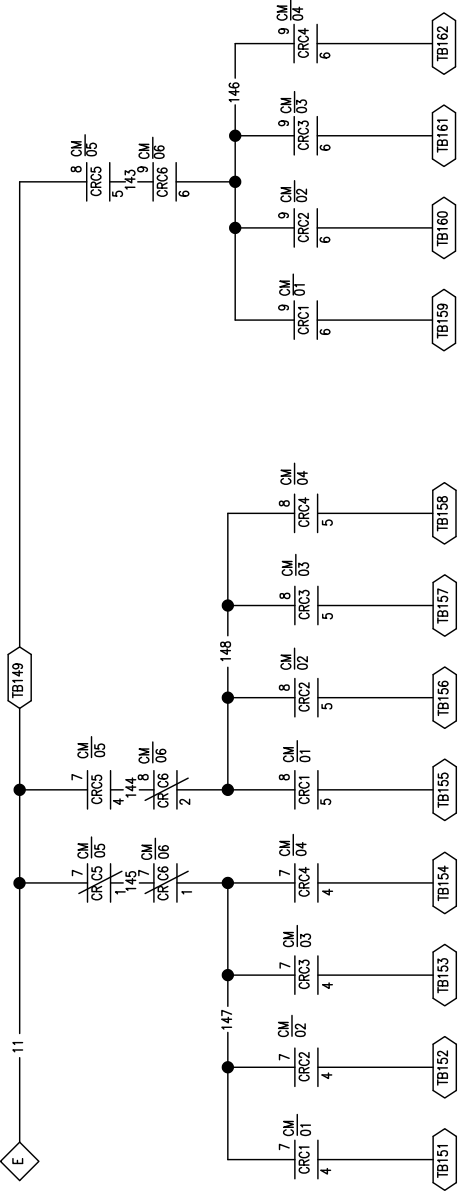
# W7V6ZCFP

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2023442A



W7V6ZS+/13  
W7V6ZS+A/11



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

optional 12 chemical flushing  
OPCIONAL 12 LAVAGEM QUÍMICA

**W7V6ZCMP**  
PELLERIN MILNOR CORPORATION

2023442A

extract speed limit control  
 controle de limite da velocidade de extração

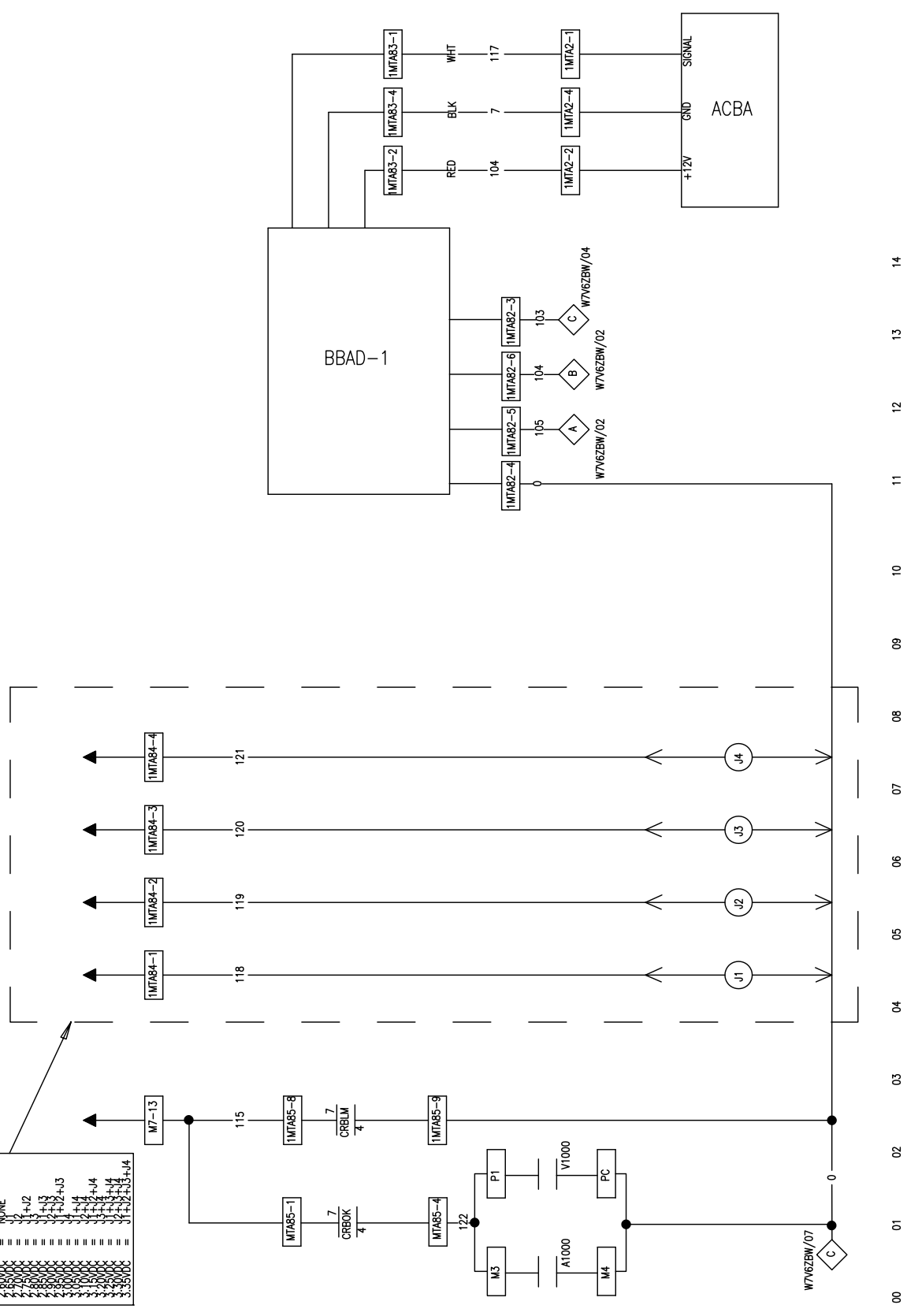
# W7V6ZEC P

PELLERIN MILNOR CORPORATION

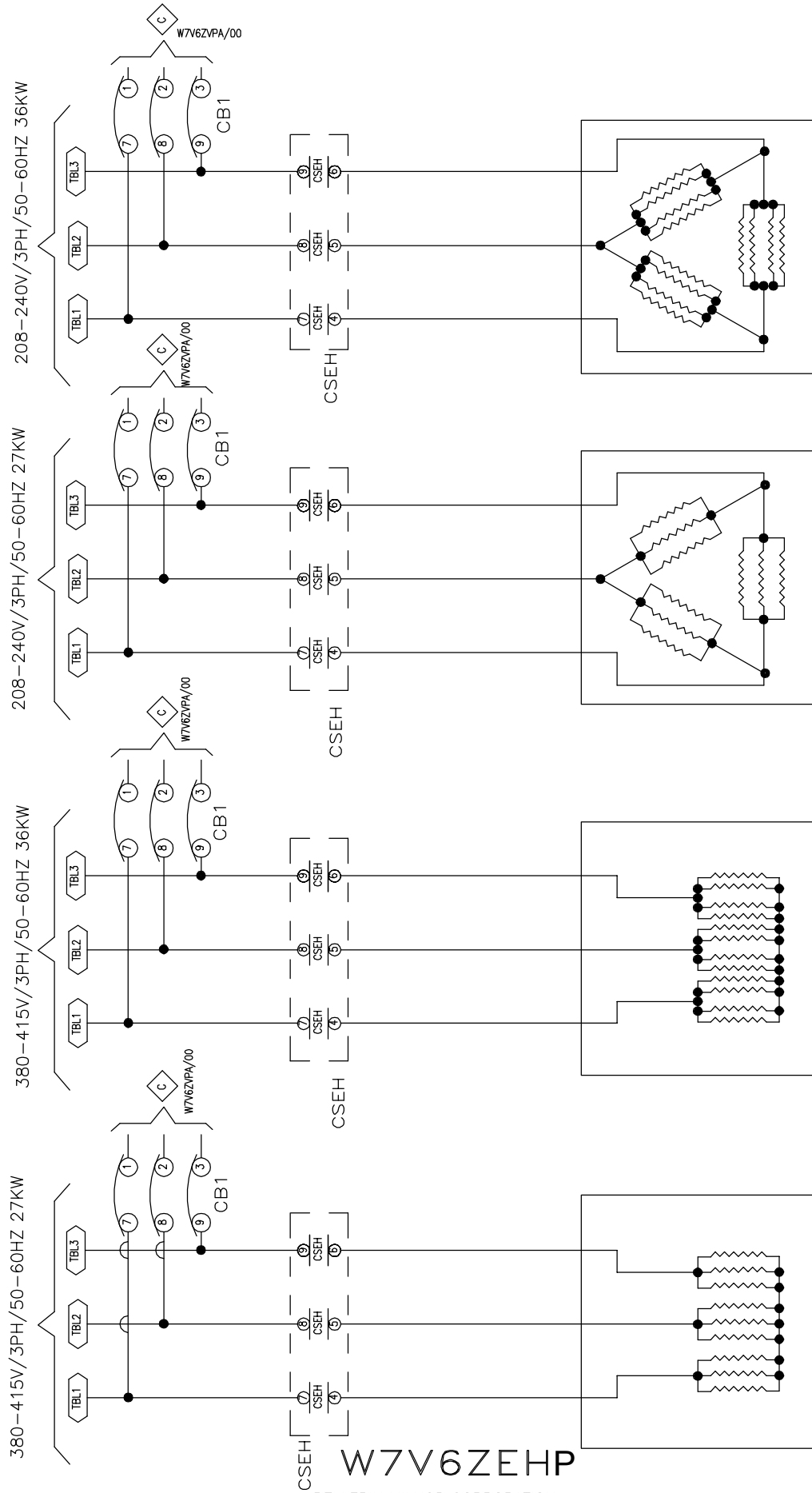
2023442A

jumpers added to adjust for variations in accelerometers  
 Ponte adicionada para ajustar as variações em acelerômetros

2	50V00C	
3	1	+
4	1	+12
5	1	+
6	1	+
7	1	+
8	1	+
9	1	+
10	1	+
11	1	+
12	1	+
13	1	+
14	1	+
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181	1	+
182	1	+
183	1	+
184	1	+
185	1	+
186	1	+
187	1	+
188	1	+
189	1	+
190	1	+
191	1	+
192	1	+
193	1	+
194	1	+
195	1	+
196	1	+
197	1	+
198	1	+
199	1	+
200	1	+



electric heat  
aquecimento elétrico



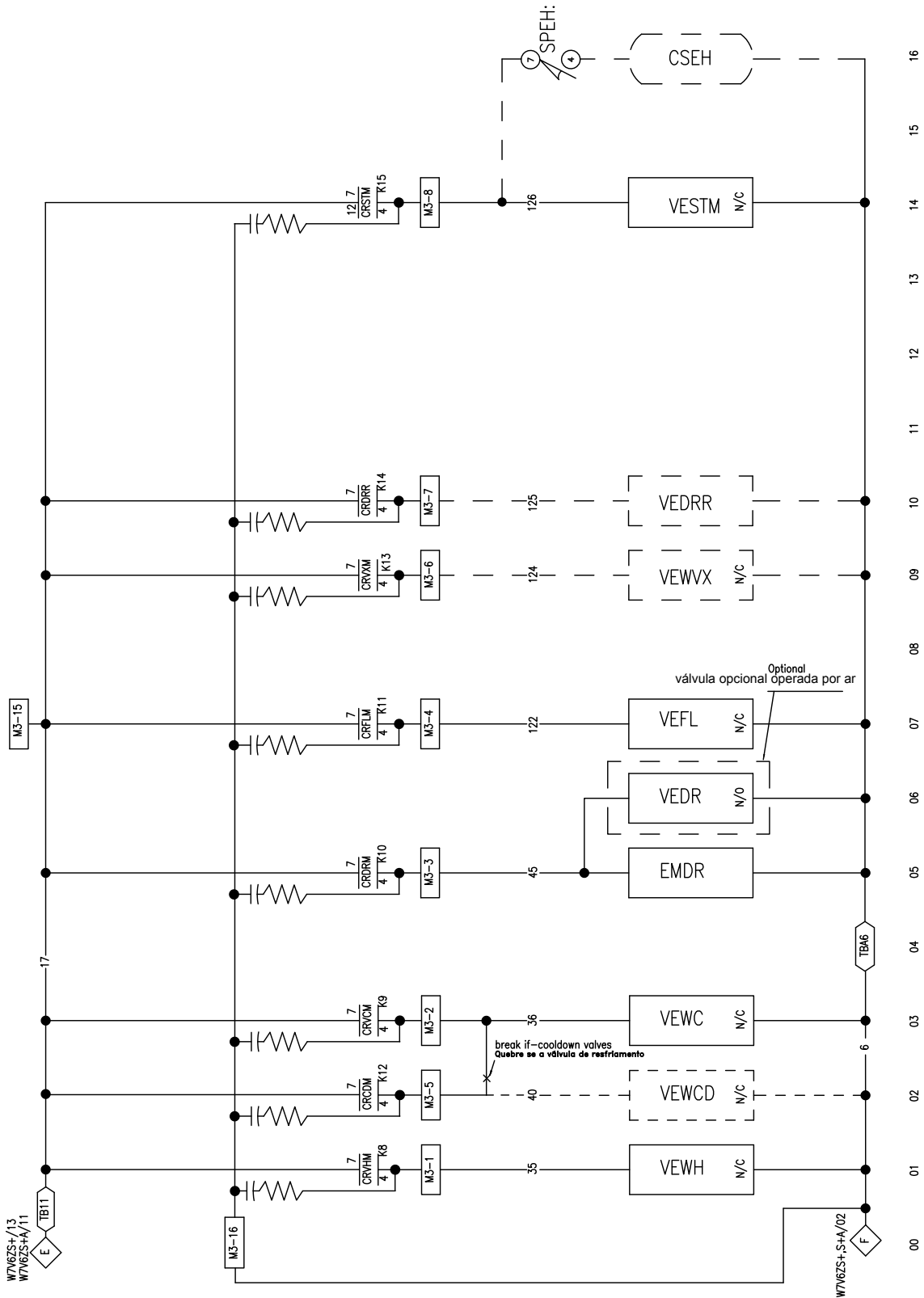
**W7V6ZEHP**

PELLERIN MILNOR CORPORATION

2017503A

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



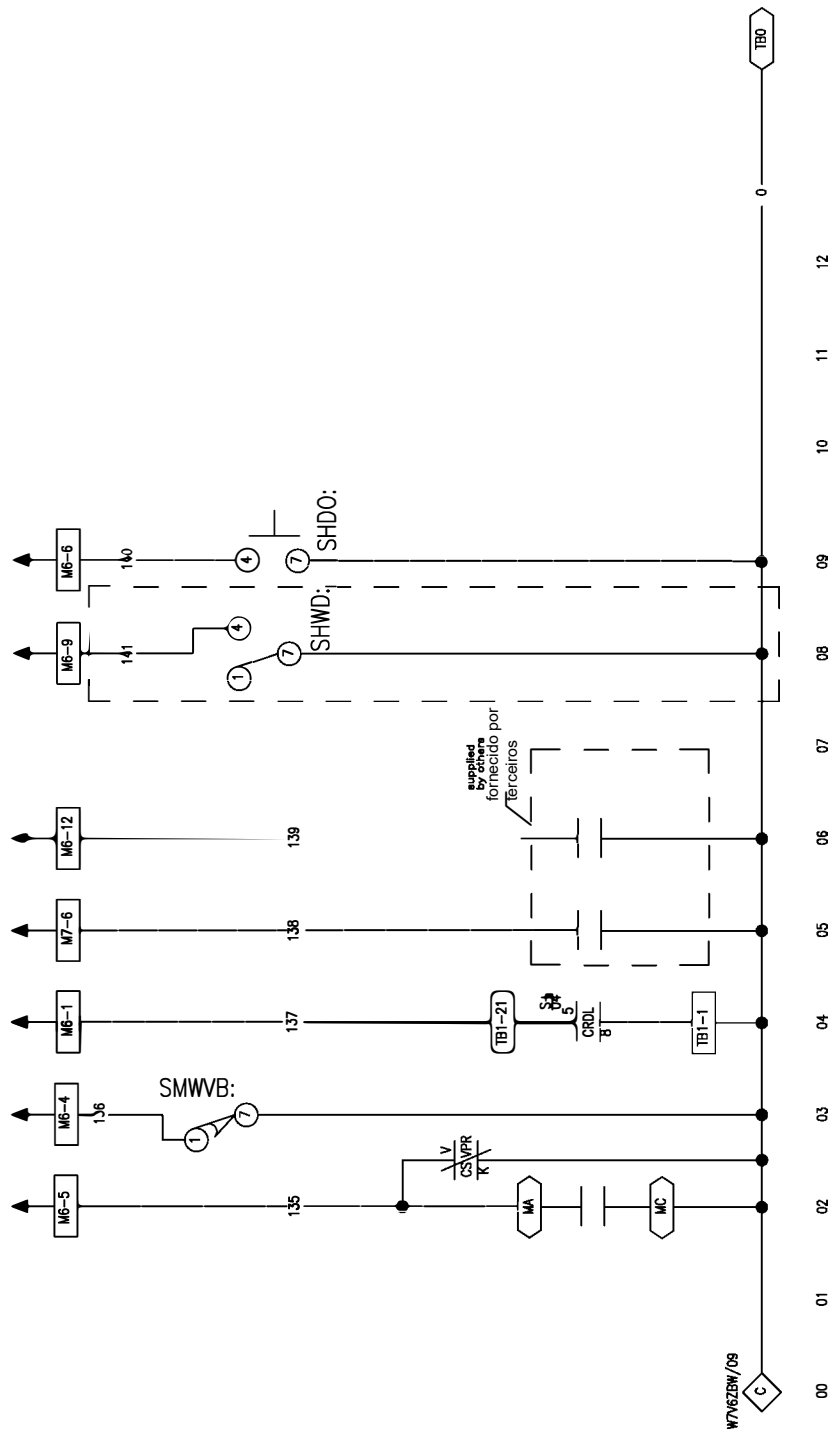


electric valves  
Válvulas eléctricas

# W7V6ZEVP

PELLERIN MILNOR CORPORATION

2023442A



microprocessor inputs  
Entradas de microprocessador

**W7V6ZIAP**  
PELLERIN MILNOR CORPORATION

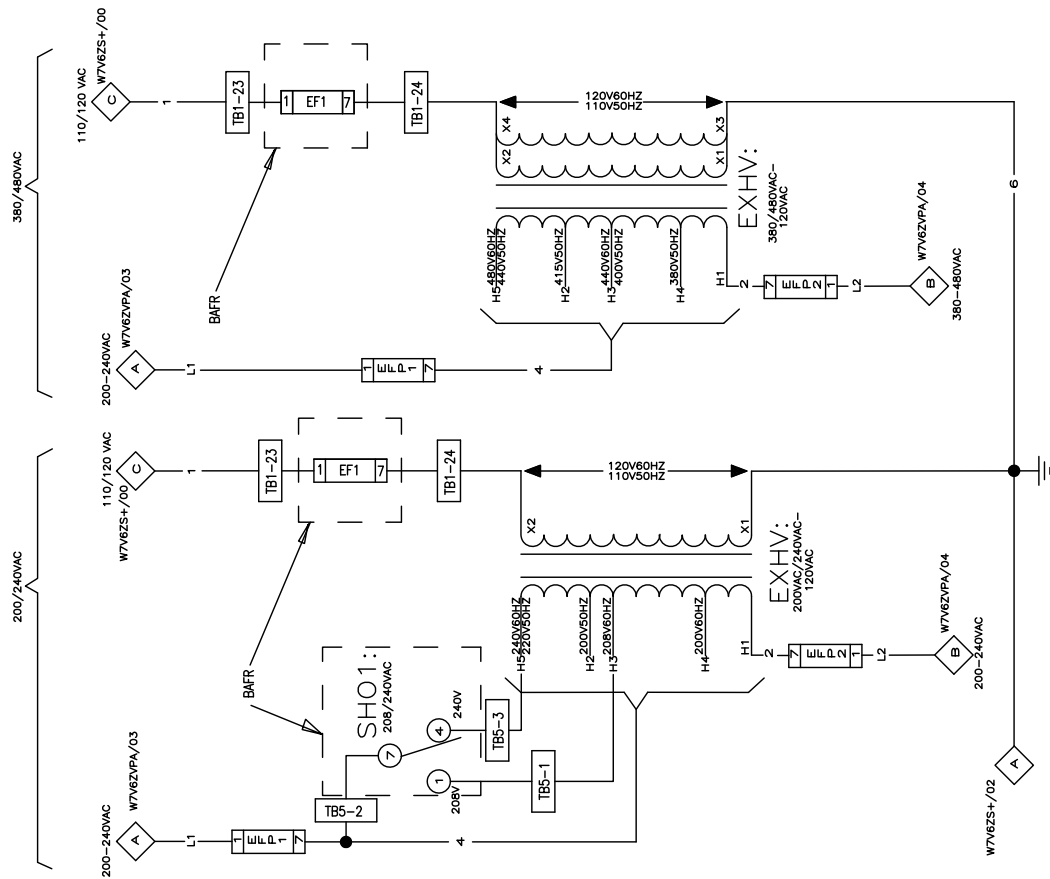
2020243A

control transformer  
 transformador de controle

# W7V6ZLVP

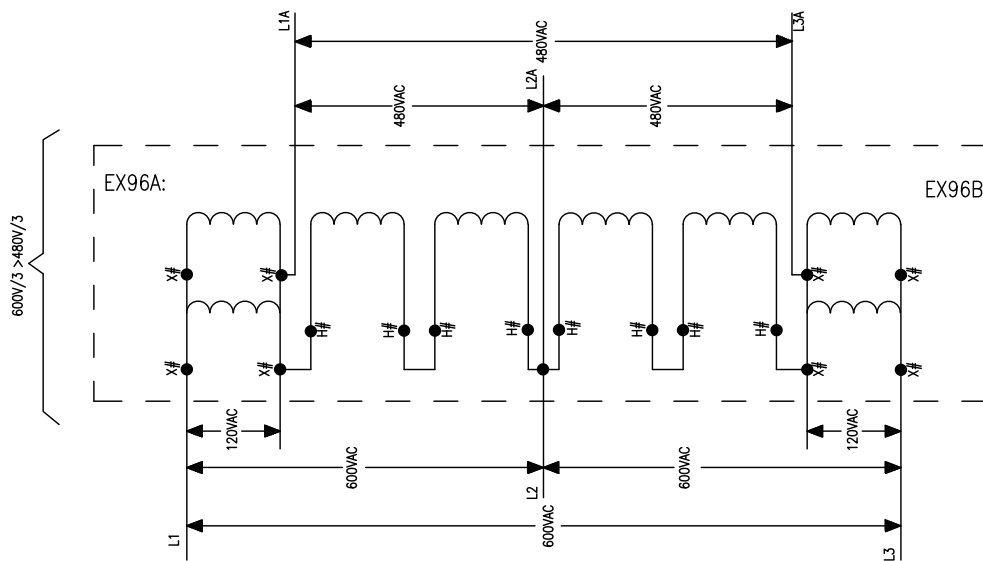
PELLERIN MILNOR CORPORATION

2012412A



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

REFER TO THE CONNECTION DIAGRAM OF THE TRANSFORMERS FOR THE CORRESPONDING WIRE NUMBERS  
 Consulte o diagrama de conexão do transformador para obter o número do fio apropriado.

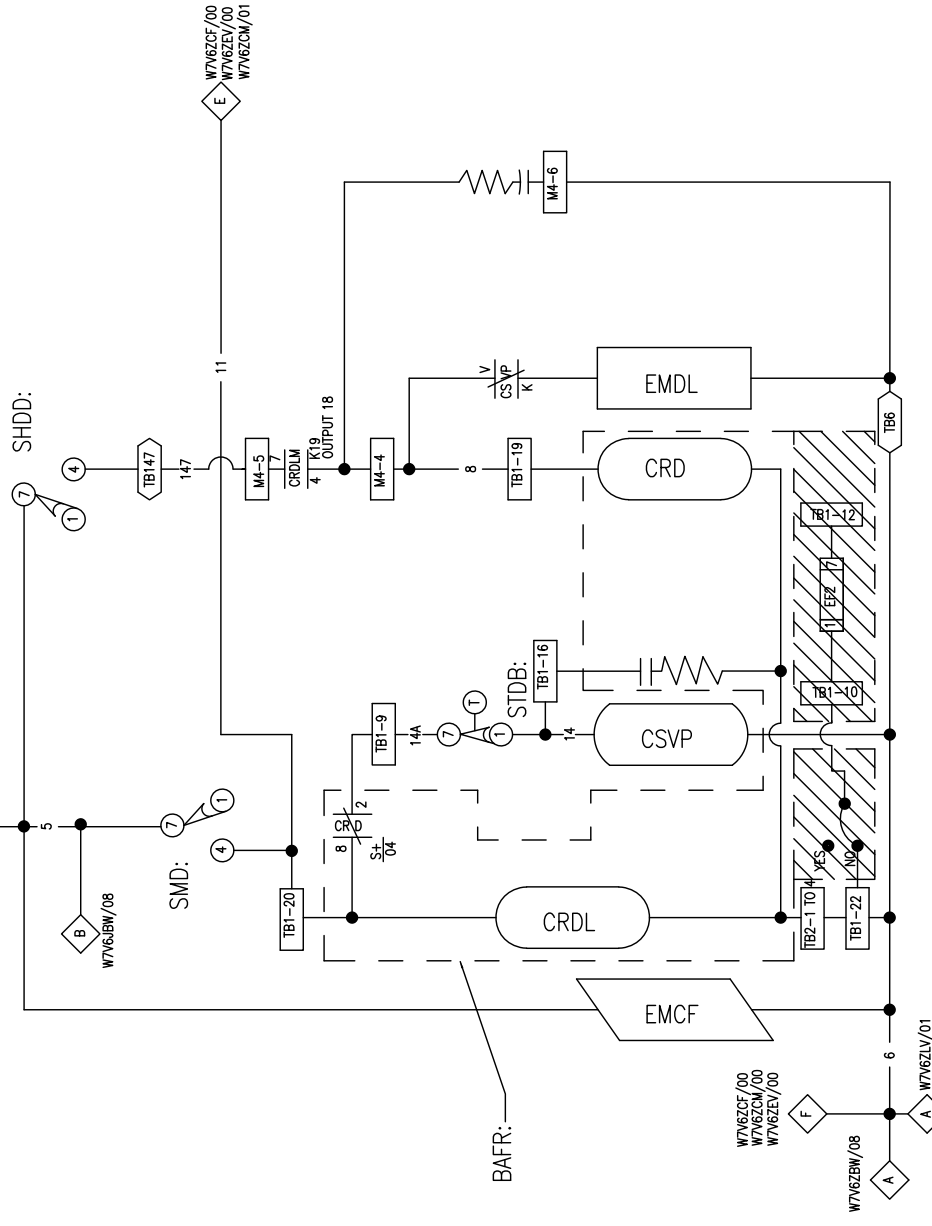
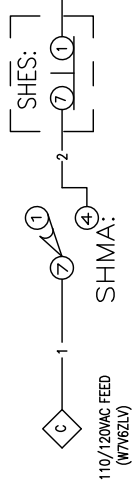


600 V machines  
 Transformador 600V

**W7V6ZMT6P**  
 PELLERIN MILNOR CORPORATION

2019472A

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



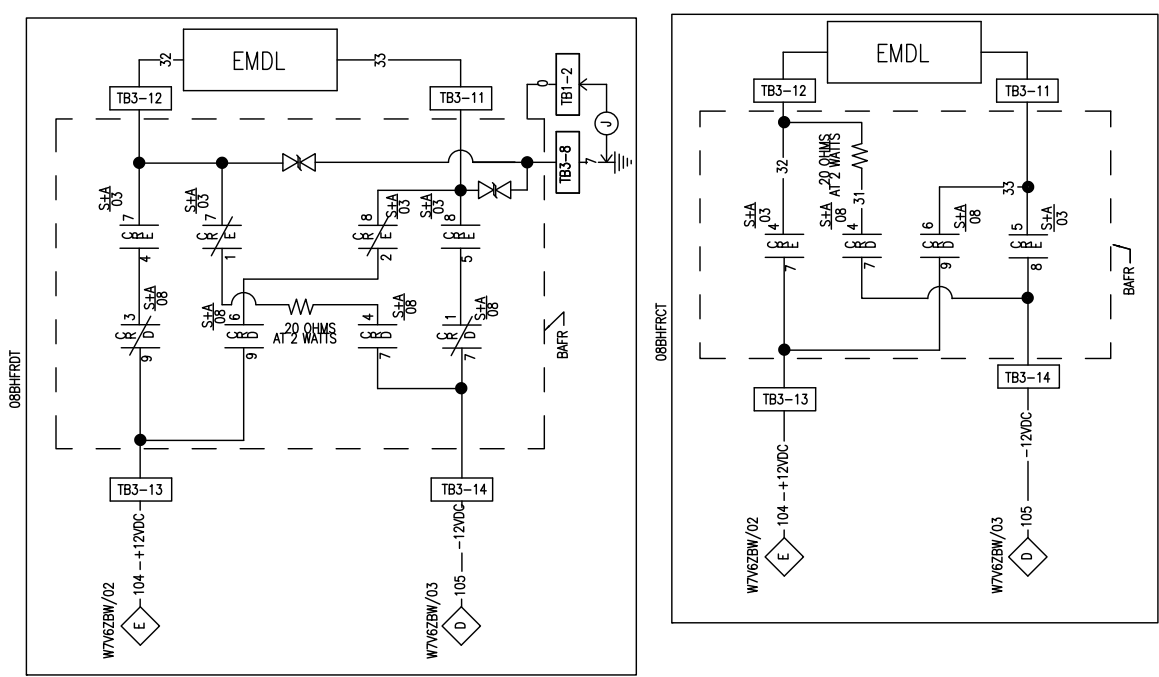
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start circuit  
Circuito de partida

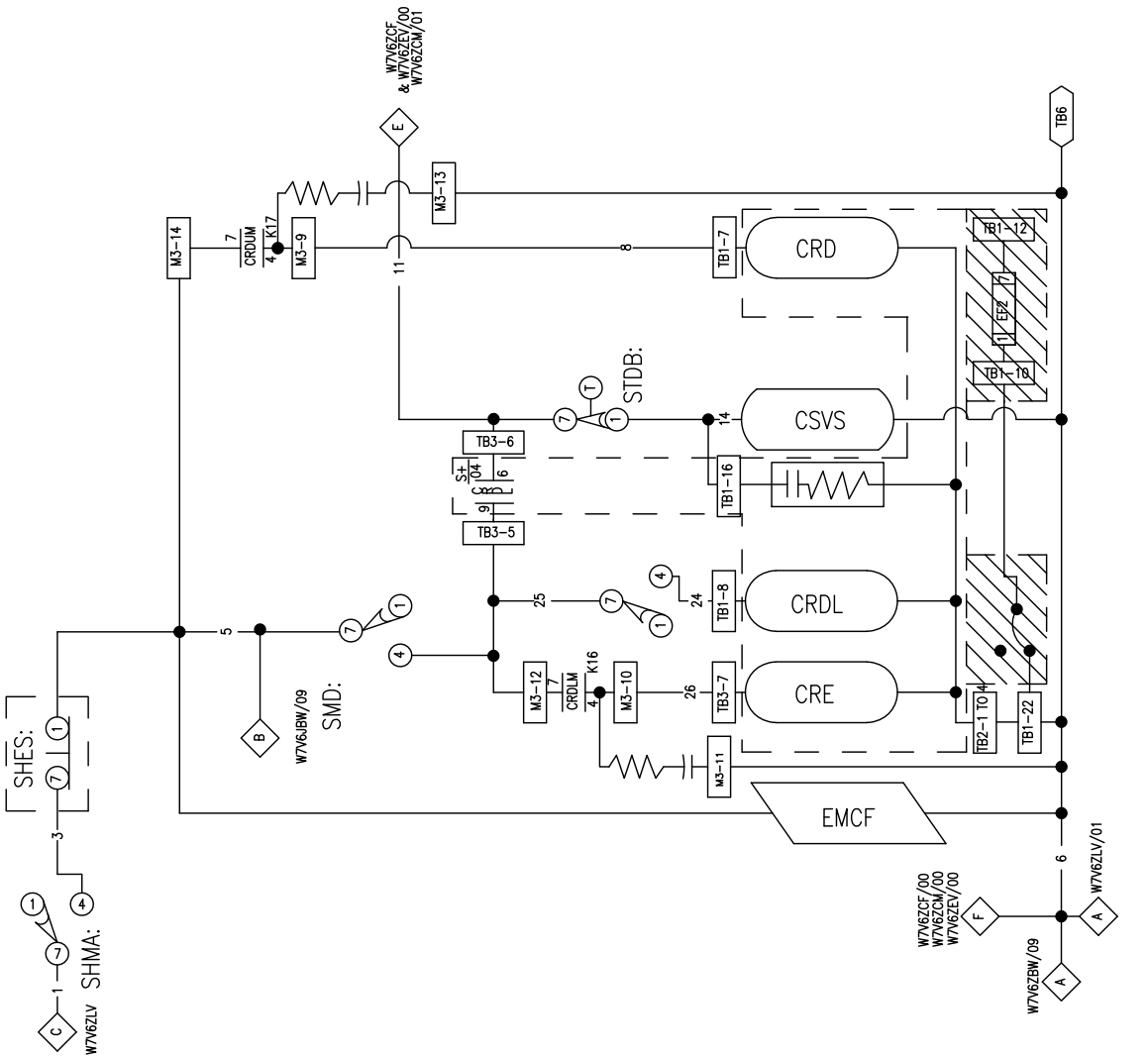
# W7V6ZS+P

PELLERIN MILNOR CORPORATION

2023442A



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



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

# W7V6ZS+AP

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start circuit with pulse door interlock  
Circuito de partida e fechadura da porta de pulso

2023442A

speed controller  
controlador de velocidade

# W7V6ZVPAP

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2022496A

