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**5040TS2\_, SA1\_, 5050TS1\_, SA1\_,  
6458TS1\_, TT1\_, 6464TS1\_,  
7272TS1\_**



PELLERIN MILNOR CORPORATION POST OFFICE BOX 400, KENNER, LOUISIANA 70063-0400, U.S.A.



# MC50TS11BX/25056A

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English-Portuguese / língua  
Inglesa-idioma portugues

1



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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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**
-

## 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)

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## 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)



# MC50TS11BX

W6DR3SPLX/2025056N

BA		
BAD1	W6DR3STC	08BSADCTT
BBB-1	W6DR3STC	08BSBB1T
BDA1	W6DR3SBWA	08BSDACT
BIO-1	W6DR3SBWA	08BS816CHT
BIO-2	W6DR3SBWA	08BS816CT
BIO-3	W6DR3SBWA	08BS816CT
BMTH	W6DR3STC	08BS5MTHAT
BO1	W6DR3SBWA	08BSO24AT
BO2	W6DR3STR	08BN6OAT
BPB	W6DR3SD	08BSPE2T
BPB	W6DR3STC	08BSPE2T
BPB	W6DR3STR	08BSPE2T
BRS1	W6DR3SBWA	08BNDSRAT
CB		
CB1	W6DR3SMT	09FC016CAA
CD		
CDEFN	W6DR3LSA	09CF030037
CDVS	W6DR3SS+B	09CF007537
CL		
CLEFN	W6DR3LSA	09CL2C-D37
CP		
CPLDO	W6DR3SICB	09RPE011
CR		
CRABC	W6DR3SS+B	09C024D37
CRBAA	W6DR3SS+B	09C024D37
CRCDC	W6DR3SS+B	09C024D37
CRDDC	W6DR3SEVA	09C024D37
CREFN	W6DR3LSA	09C024D37
CRS+	W6DR3SS+B	09C024D37
CRV	W6DR3LSA	09C024D37
CRV	W6DR3LSB	09C024D37
CS		
CSMA-200-240V 50xxx	W6DR3SMT	09MC08L337
CSMA-200-240V 50xxx	W6DR3SMT	09MC08L337
CSMA-200-240V 50xxx	W6DR3SS+B	09MC08L337
CSMA-200-240V 64xxx	W6DR3SMT	09MC08U337
CSMA-200-240V 64xxx	W6DR3SMT	09MC08T337
CSMA-200-240V 64xxx	W6DR3SS+B	09MC08U337
CSMA-380-480V 50xxx	W6DR3SMT	09MC08E337
CSMA-380-480V 50xxx	W6DR3SMT	09MC08E337
CSMA-380-480V 50xxx	W6DR3SS+B	09MC08E337
CSMA-380-480V 64xxx	W6DR3SMT	09MC08T337
CSMA-380-480V 64xxx	W6DR3SMT	09MC08U337
CSMA-380-480V 64xxx	W6DR3SS+B	09MC08T337
CSVs-200-240V 50xxx	W6DR3SMT	09MC08C337
CSVs-200-240V 50xxx	W6DR3SS+B	09MC08C337
CSVs-200-240V 64xxx	W6DR3SMT	09MC08C337
CSVs-200-240V 64xxx	W6DR3SS+B	09MC08C337
CSVs-380-480V 50xxx	W6DR3SMT	09MC08B337

# MC50TS11BX

W6DR3SPLX/2025056N

CSVS-380-480V 50xxx	W6DR3SS+B	09MC08B337
CSVS-380-480V 64xxx	W6DR3SMT	09MC08C337
CSVS-380-480V 64xxx	W6DR3SS+B	09MC08C337
EB		
EBSG	W6DR3SS+B	09H015
ED		
EDM	W6DR3SD	08BSEVFD5V
EF		
EF37	W6DR3SHV	09FF004AHG
EL		
ELDDC	W6DR3SEVA	09J060A37
ELDDF	W6DR3SMCB	09H025V37
ELLDC	W6DR3SEVA	09J060A37
ELLDO	W6DR3SEVA	09J060A37
ELLL	W6DR3SIAB	09J060A37
ELSG	W6DR3SS+B	09J060A37
EMS		
EMSK	W6DR3SMCB	09K061D
EMSL	W6DR3SS+B	09N505
EMSR	W6DR3SS+B	09N505
ES		
ESPS1	W6DR3STC	08PSS3401T
ESPS2	W6DR3STC	08PSS3401T
ET		
ETBA-200-240V 50xxx	W6DR3SMT	09FTD0016T
ETBA-200-240V 64xxx	W6DR3SMT	09FTD0037T
ETBA-380-480V 50xxx	W6DR3SMT	09FTD0016T
ETBA-380-480V 64xxx	W6DR3SMT	09FTD0037T
ETMA 200-240V 50xxx	W6DR3SMT	09FTD0240T
ETMA 200-240V 50xxx	W6DR3SMT	09FTD0240T
ETMA 200-240V 64xxx	W6DR3SMT	09FTD040T
ETMA 200-240V 64xxx	W6DR3SMT	09FTD040T
ETMA-380-480V 50xxx	W6DR3SMT	09FTD0120T
ETMA-380-480V 50xxx	W6DR3SMT	09FTD0120T
ETMA-380-480V 64xxx	W6DR3SMT	09FTD040T
ETMA-380-480V 64xxx	W6DR3SMT	09FTD040T
EX		
EX37	W6DR3SHV	MESSAGE EW
EX37-1	W6DR3SHV	09U249AA37
EX37-2	W6DR3SHV	09U200AAB
EX37-3	W6DR3SHV	09U251AB37
IR		
IR1	W6DR3STC	09X501
IR1	W6DR3STC	09X502
IR2	W6DR3STC	09X501
IR2	W6DR3STC	09X502
KBM	W6DR3SKP	08ND5X6DR
MR		
MRBA-200-240V 50xxx	W6DR3SMT	39F19515BN
MRBA-200-240V 64xxx	W6DR3SMT	39T030EAM

# MC50TS11BX

W6DR3SPLX/2025056N

MRBA-380-480V 50xxx	W6DR3SMT	39F19515BN
MRBA-380-480V 64xxx	W6DR3SMT	39T030EAN
MRMA-200-240V 50xxx	W6DR3SMT	39T075AAH
MRMA-200-240V 50xxx	W6DR3SMT	39T250AAH
MRMA-380-480V 50xxx	W6DR3SMT	39T075AAX
MRMA-380-480V 50xxx	W6DR3SMT	39T250AAU
MVBA-<380V	W6DR3SMT	09MWB01174
MVBA->380V	W6DR3SMT	09MWB00596
MVMA 200-240V	W6DR3SMTS	09MWA07174
MVMA 380-480V	W6DR3SMTS	09MWA03196
MVRMA 200-240V	W6DR3SMTS	09MX300A74
MVRMA 380-480V	W6DR3SMTS	09MX250A96
MVRT-<380V	W6DR3SMT	09MX030A74
MVRT->380V	W6DR3SMT	09MX030A96
PLLDC	W6DR3SIAB	09RPS30ADS
PLLDO	W6DR3SIAB	09RPS30ADS
PX		
PXDOC	W6DR3SEVA	09RPS30CAS
PXRS	W6DR3SBWA	09RPS18ADS
RES	W6DR3SMTS	09V050RES
SH		
SHAD	W6DR3SICB	N/A
SHBC	W6DR3SIAB	09N405M210
SHDD	W6DR3SICB	09N405S211
SHDH	W6DR3SICB	09N405PB10
SHDL	W6DR3SICB	09N405PB10
SHDT	W6DR3SICB	09N405M211
SHFS	W6DR3SIAB	09N041N
SHLA	W6DR3SICB	09N405M210
SHLDO	W6DR3SICB	09N405M210
SHM	W6DR3SICB	09N405M211
SHMD	W6DR3SICB	09N405M210
SHNC	W6DR3SIAB	09N405M210
SHS+	W6DR3SS+B	09N405PG10
SHSFR	W6DR3SIAB	09N405M210
SHSG	W6DR3SICB	09N405PB10
SHSK	W6DR3SS+B	09RM01209S
SHSMA	W6DR3SS+B	09N405M210
SHSO	W6DR3SS+B	09N405PR01
SHWJ	W6DR3SICB	09N405S211
SK		
SKPR	W6DR3SICB	09N127C
SM		
SMDDC	W6DR3SEVA	09R012
SPHD	W6DR3SICB	09N19196B
ST		
ST225-1	W6DR3SMCB	30RA225T
ST240-2	W6DR3SMCB	30R0240P
STDB	W6DR3SS+B	30RO175T
STMA	W6DR3SMTS	30RA174T

# MC50TS11BX

W6DR3SPLX/2025056N

VE		
VEAB	W6DR3SLSB	96TCC3AA37
VECDC	W6DR3SS+B	96R301A37
VECDO	W6DR3SS+B	96R301A37
VED1	W6DR3SEVA	96R301A37
VED2	W6DR3SEVA	96R301A37
VEDDO	W6DR3SEVA	96R301A37
VEEBL	W6DR3SLSB	96TFC2AA37
VEEGU	W6DR3SLSB	96R302B37
VEEGV	W6DR3SLSB	96R301A37
VEL1	W6DR3SEVA	96TFC2AA37
VELDA	W6DR3SEVA	96R301A37
VELDC	W6DR3SEVA	96R301A37
VELDO	W6DR3SEVA	96R301A37
VEMMS	W6DR3SBWA	A75VS005B
VEMTR	W6DR3STV	96S2001A
VENDD	W6DR3SEVA	96R301A37
VER	W6DR3SEVA	96R301A37

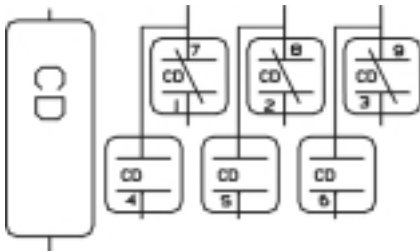
**Legend of Symbol / シンボルのキャプション / Sembollerin Açıklaması /  
 Legenda dos simbolos**



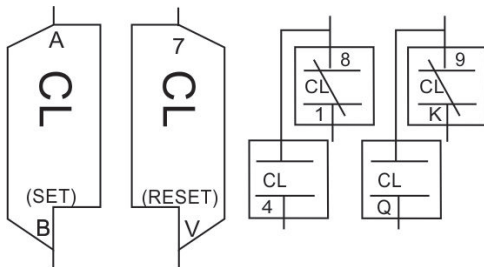
**BA = Printed Circuit Board**  
 プリント回路基板  
**Baskılı Devre**  
 Placa de circuito impresso



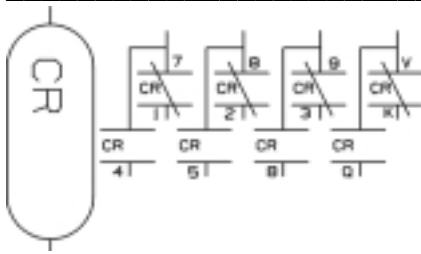
**CB = Circuit Breaker**  
 遮断器  
 Devre kesiciler  
 Disjuntor



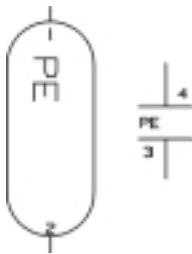
**CD = Time Delay Relay**  
 時間遅延リレー  
 Zaman Gecikmesi Röle  
 Relé de ação retardada



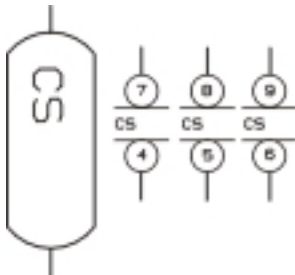
**CL = Latch Relay**  
 ラッチングリレー  
 Röle mandal  
 Relé de trava



**CR = Relay**  
 リレー  
**Röle**  
**Relé**



**CP = Photo-Eye**  
 光電管  
**Foğtoraf Göz**  
**Fotoelétrico**



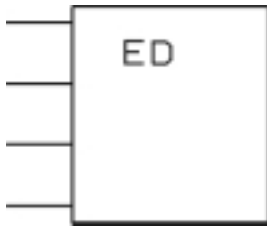
**CS = Contactor/Motor Starter**  
 モーター接触器  
**Kontaktör/Motor kontaktörü**  
**Contator/Arranque do Motor**



**EB = Audible Signal**  
 音声信号  
**Sinyal**  
**Sinal Sonoro**



**EC = Clutch**  
 クラッチ  
**Debriyaj**  
**Embreagem**

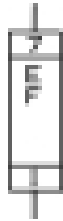


**ED = Electronic Display**

電子表示

elektronik ekran

**Tela eletrônica**



**EF = Fuse**

フューズ

sigorta

**Fusível**



**EL = Light**

ライト

ışık

**Luz**

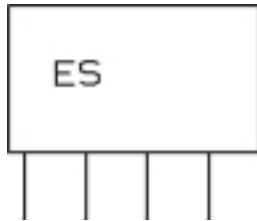


**EM = Electromagnetic Solenoid**

電磁ソレノイド

**elektromanyetik solenoid**

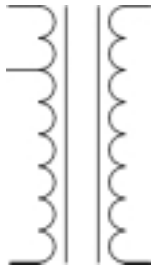
**Solenóide eletromagnético**



**ES = Electronic Power Supply**  
電源  
**Elektronik Güç Kayn**  
**Fonte de alimentação eletrônica**



**ET = Thermal Overload**  
熱過負荷  
**termik Aş Yırı ük**  
**Sobrecarga térmica**



**EX = Transformer**  
変圧器  
**transformatör**  
**Transformador**

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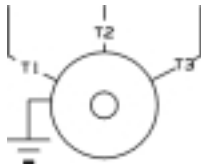
**KB = Keyboard/Keypad**  
キーボード/キーパッド  
**Klavye/Tuş Takımı**  
**Teclado/Teclado**

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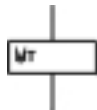


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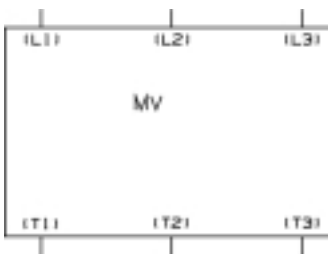
**MN = Electronic Monitor**  
電子表示装置  
**Elektronik Monitör**  
**Monitor eletrônico**



**MR = Motor**  
モータ  
**Motor**  
**Motor**

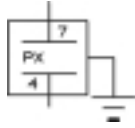


**MT = Board Connector**  
PC基板用コネクタ  
**Kurul Konnektör**  
Conector da placa

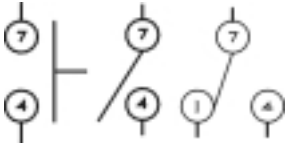


**MV = Motor Inverter**  
モーターインバータ  
**Motor Inverter**  
**Inversor do Motor**

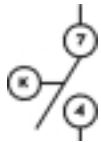
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**PX = Proximity Switch**  
 近接スイッチ  
**Anahtar**  
**Sensor de proximidade**



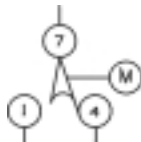
**SH = Switch Hand Operated**  
 スイッチ、手動操作  
**Anahtar el kumandalı**  
**Interruptor, Acionado à mão**



**SK = Switch Key Operated**  
 スイッチ、キー操作  
**Anahtarlı Çalıştırma**  
**Interruptor, Acionado por teclado**



**SL = Switch Level Operated**  
 スイッチ、水位作動  
**Anahtarı Seviye Operated**  
**Interruptor, Acionado por nível**



**SM = Switch Mechanically Operated**  
 スイッチ、機械的作動  
**Mekanik olarak çalıştırılan anahtar**  
**Interruptor, Acionado mecanicamente**



**SP = Switch Pressure Operated**  
スイッチ、圧力作動  
**Anahtar basıncıyla çalıştırılan**  
**Interruptor, Acionado por pressão**



**ST = Switch Temperature Operated**  
スイッチ、温度作動  
**Sıcaklık anahtarını çalıştırdı**  
**Interruptor, Acionado por temperatura**



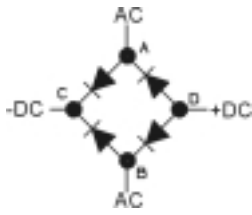
**TB = Terminal Block**  
端子台  
**Terminal bloğu**  
**Bloco terminal**



**VE = Valve Electrically Operated**  
バルブ、電動式  
**Vana elektrikle çalışabilme**  
**Válvula, Acionada por energia elétrica**



**WC = Wiring Connector**  
配線コネクタ  
**Kablolama konnektörü**  
**Conector de fiação elétrica**



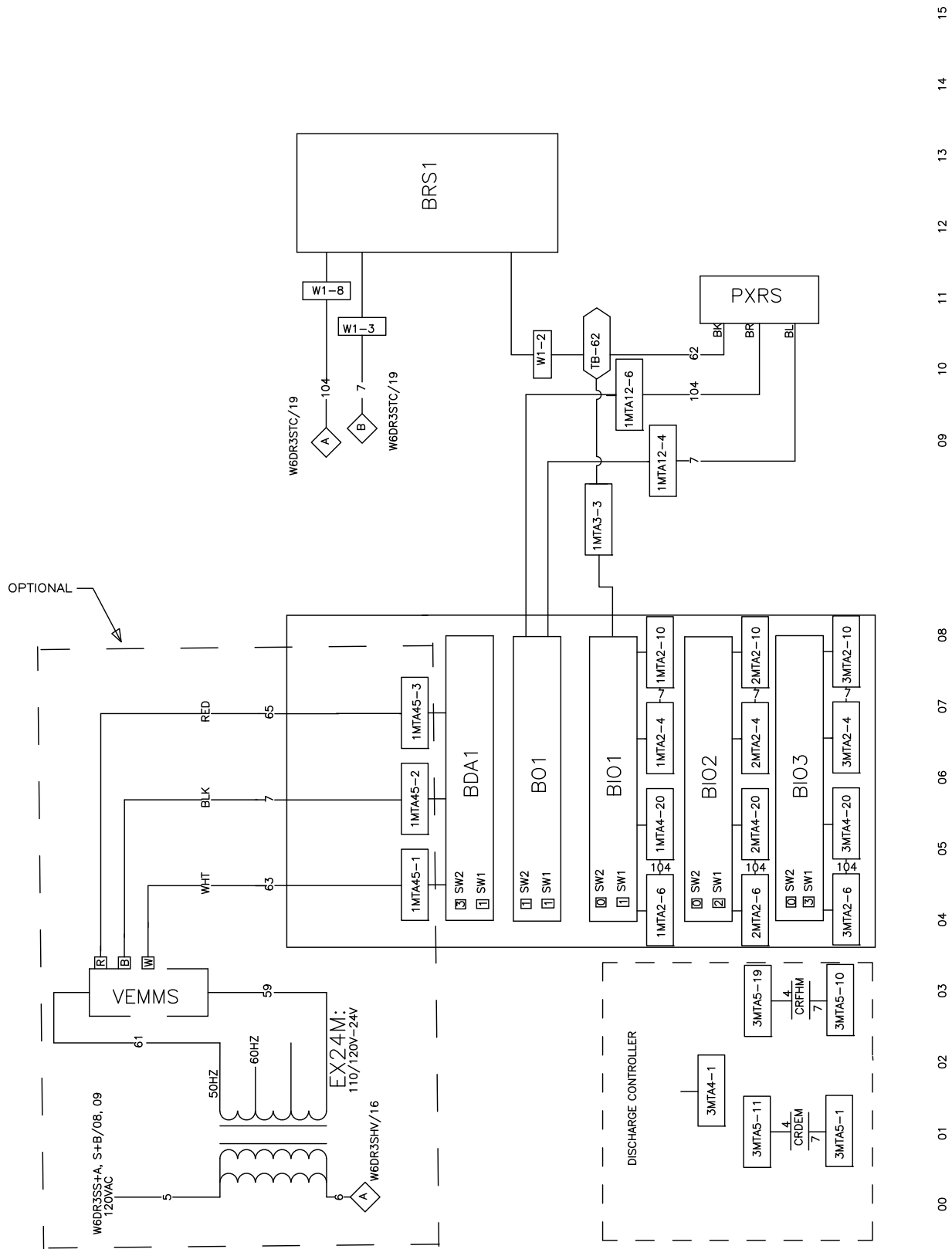
ZF = Rectifier  
整流器  
Doğrultucu  
Retificador

# W6DR3SBWAP

PELLERIN MILNOR CORPORATION

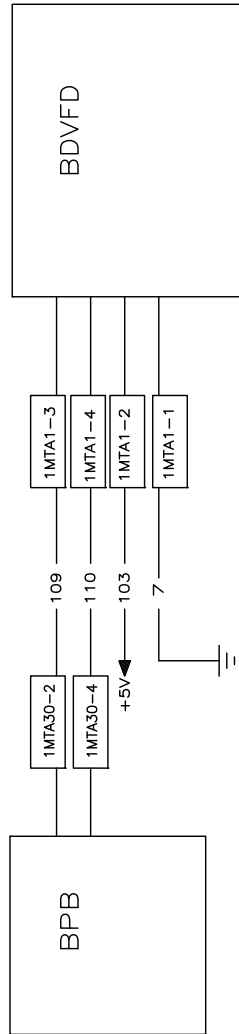
2023452A

Wiring between the Boards  
Fiação entre placas

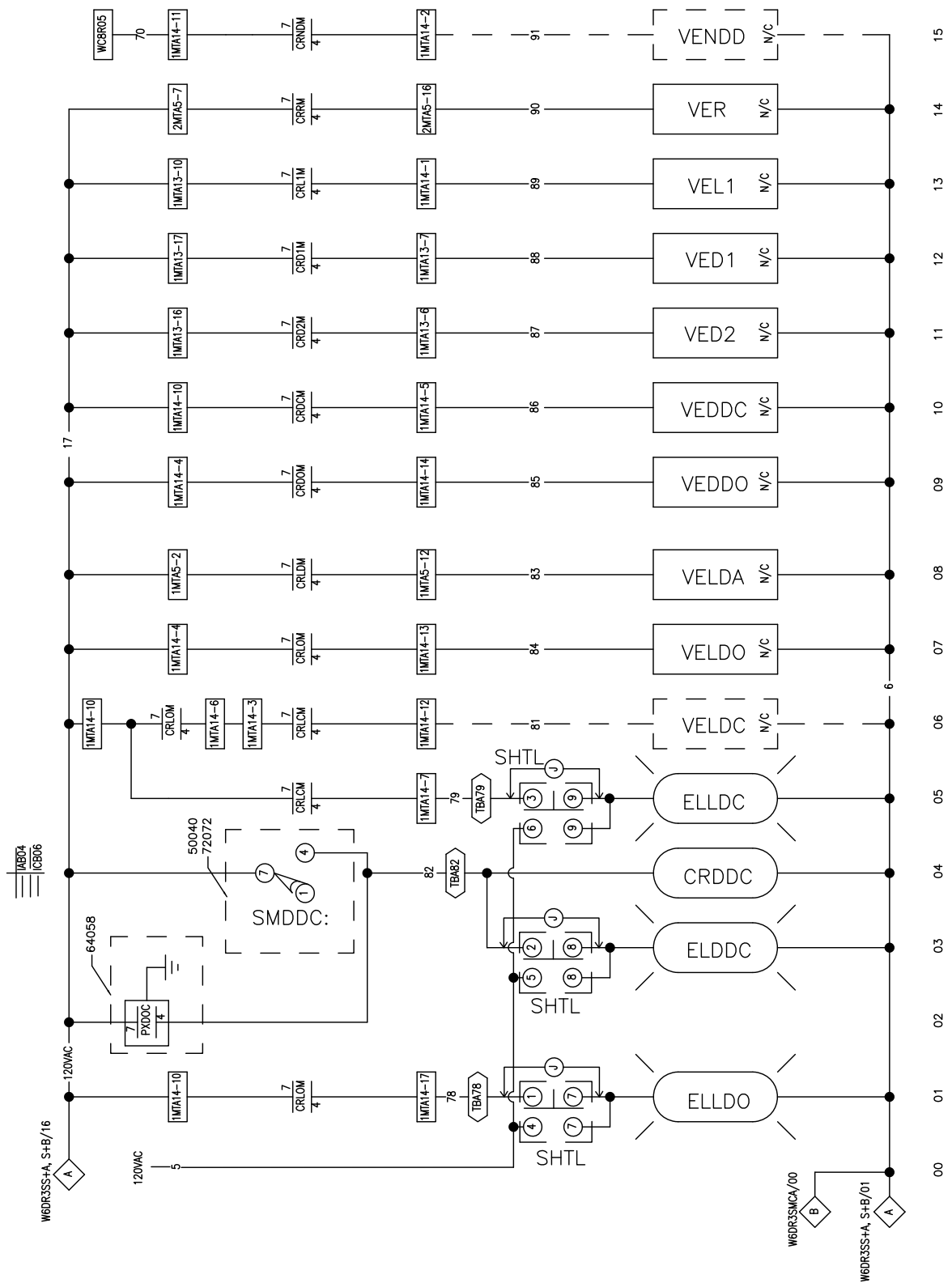


# W6DR3SDP

PELLERIN MILNOR CORPORATION



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



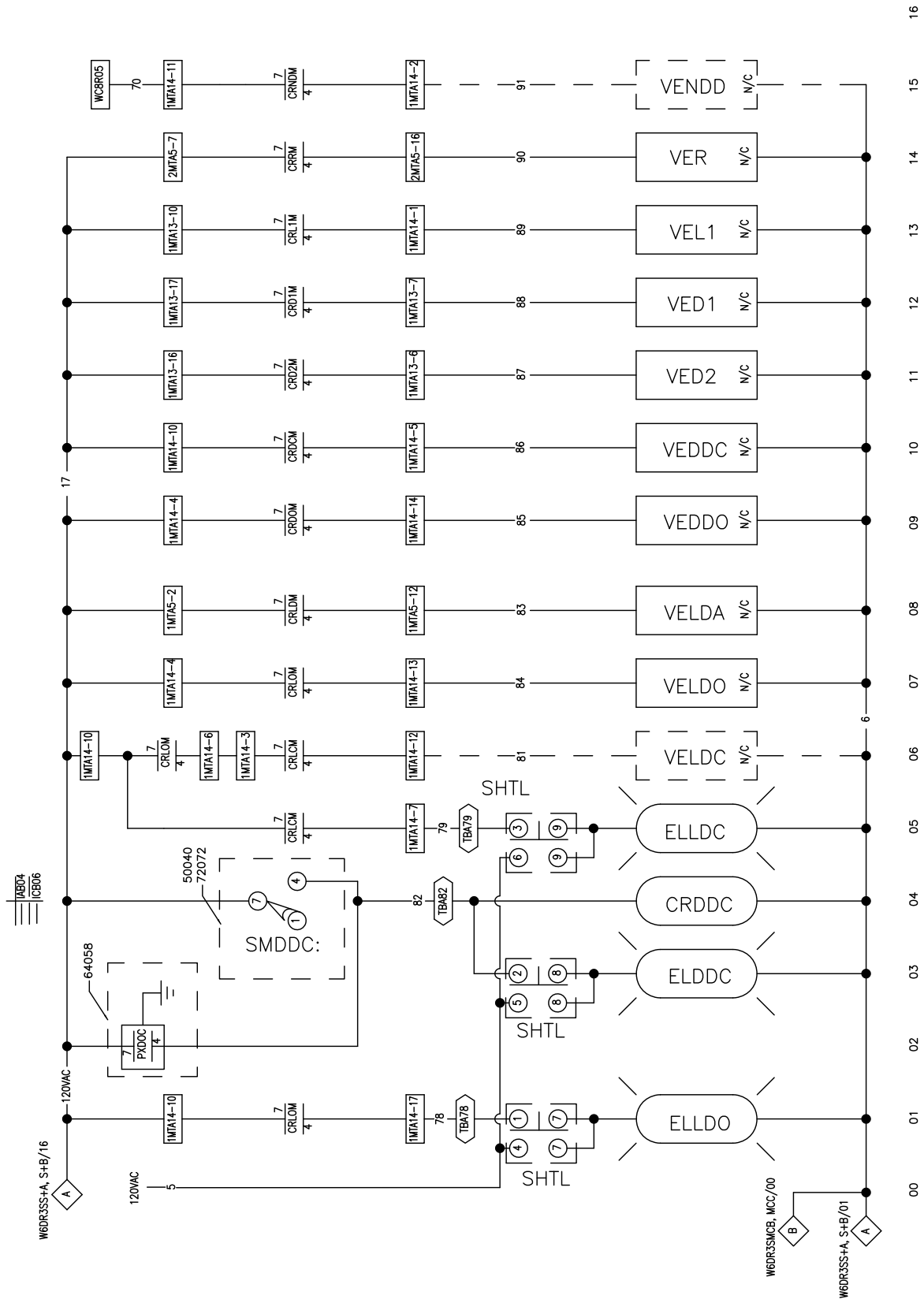
16  
15  
14  
13  
12  
11  
10  
09  
08  
07  
06  
05  
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02  
01  
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# W6DR3SEVAP

PELLERIN MILNOR CORPORATION

2023452A

Valves  
válvulas



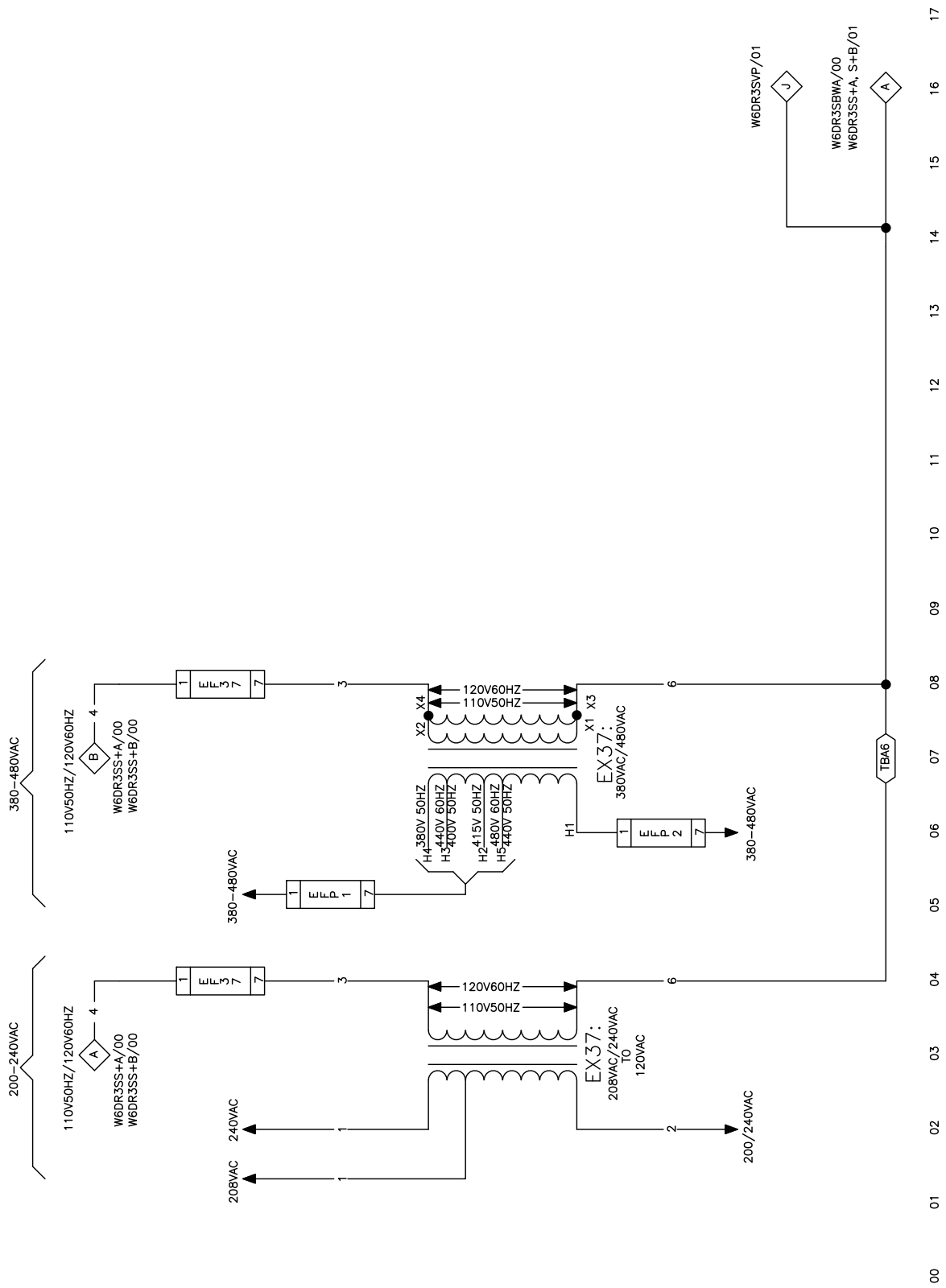
# W6DR3SEVBP

Valves + Lamp Test  
válvulas + teste de lâmpada

PELLERIN MILNOR CORPORATION

2023452A





# W6DR3SHVP

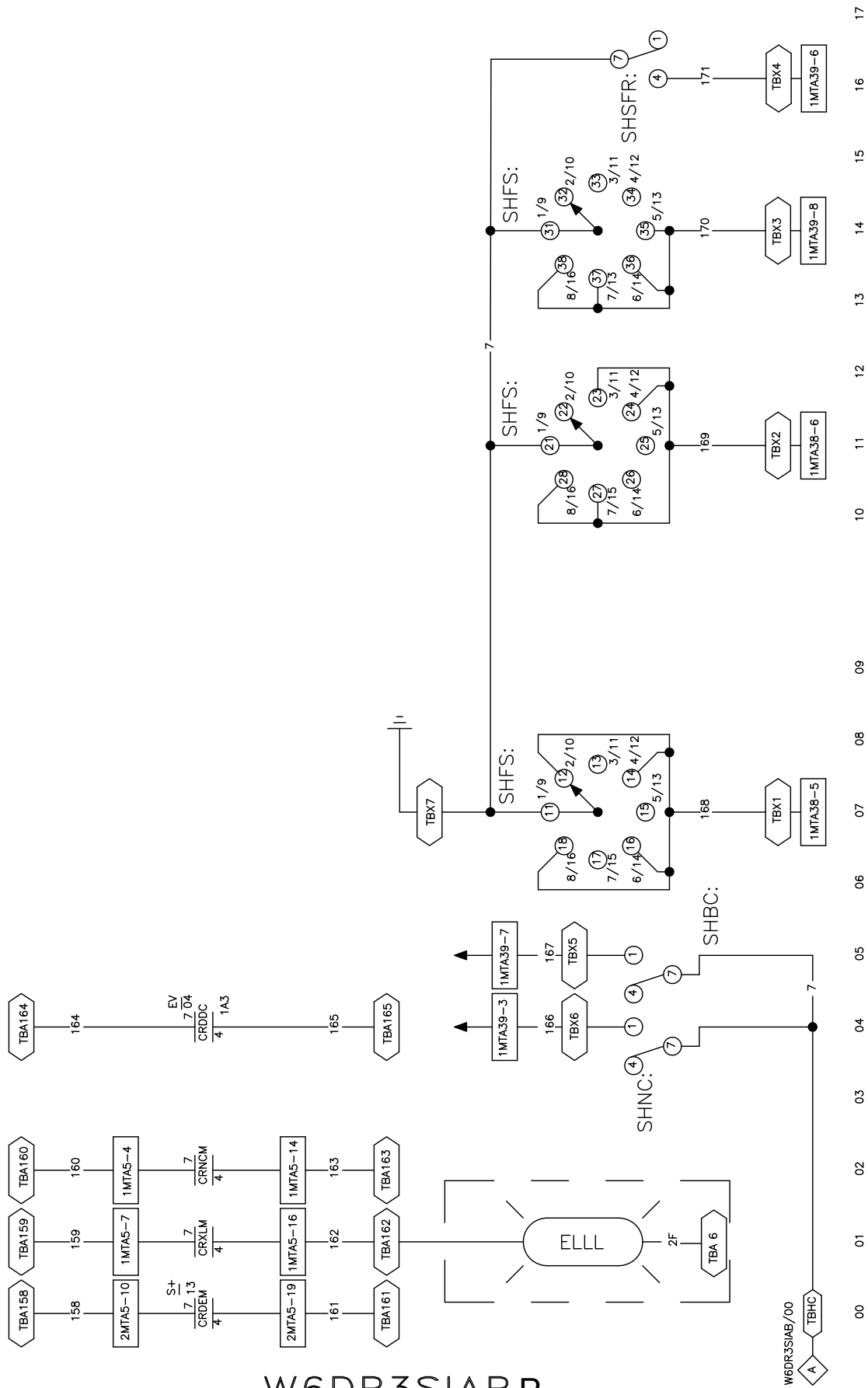
Control Circuit Power  
 alimentação do circuito de controle

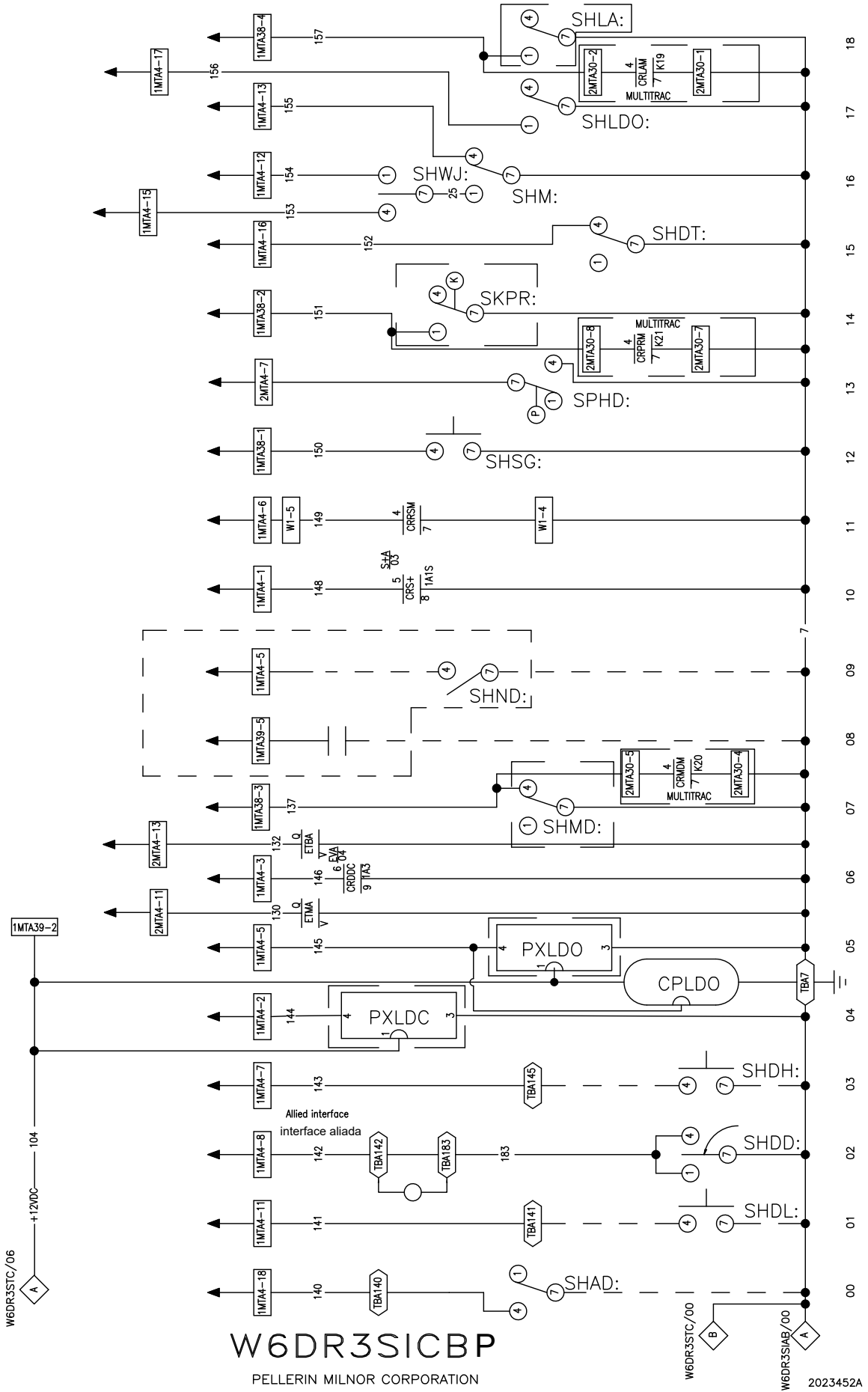
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2023452A

# W6DR3SIABP

PELLERIN MILNOR CORPORATION



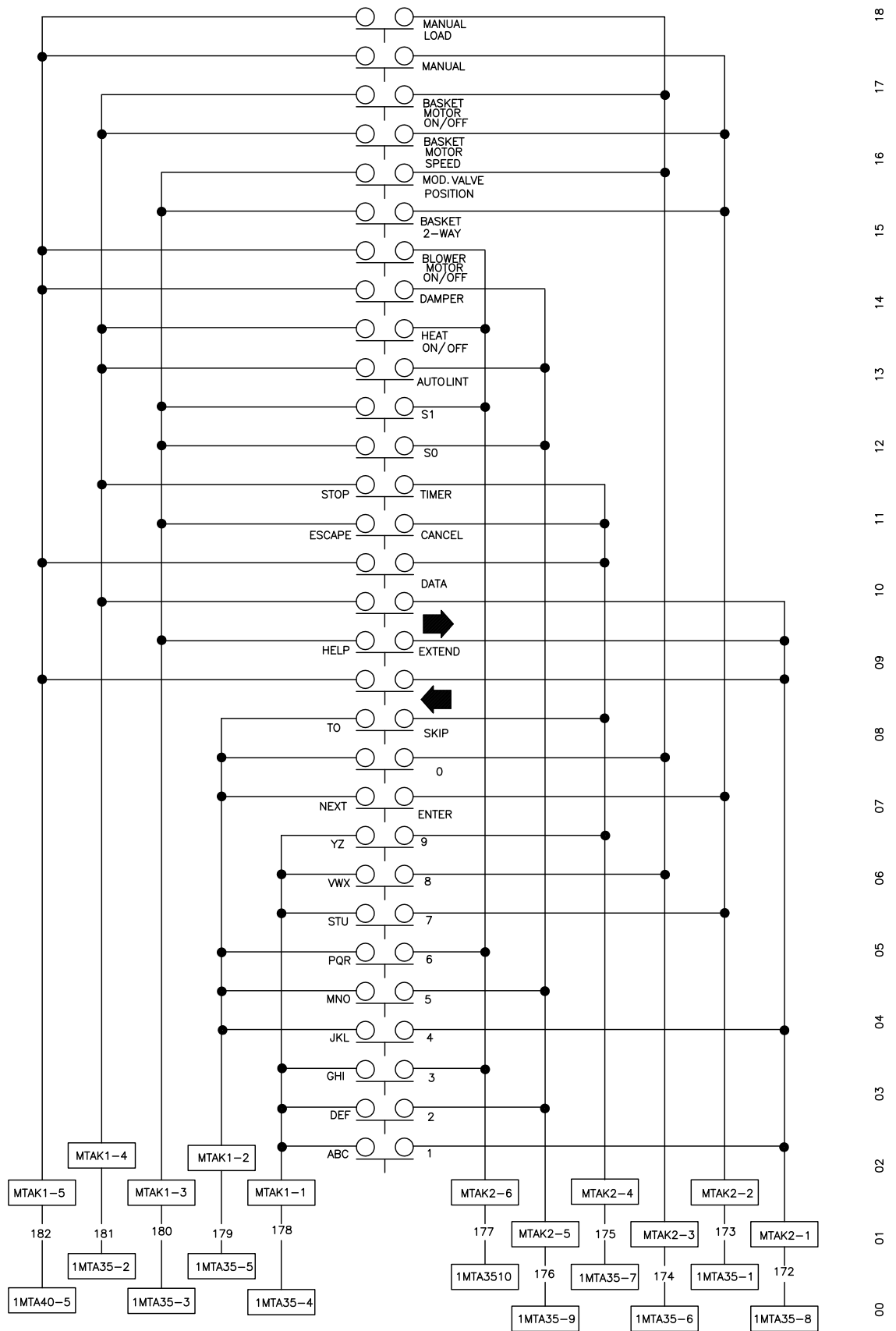


Inputs  
entradas

# W6DR3SICBP

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W6DR3SIC/00  
W6DR3SIAB/00  
2023452A



Keypad no MULTITRAC  
teclado não Multitrac™

# W6DR3SKPP

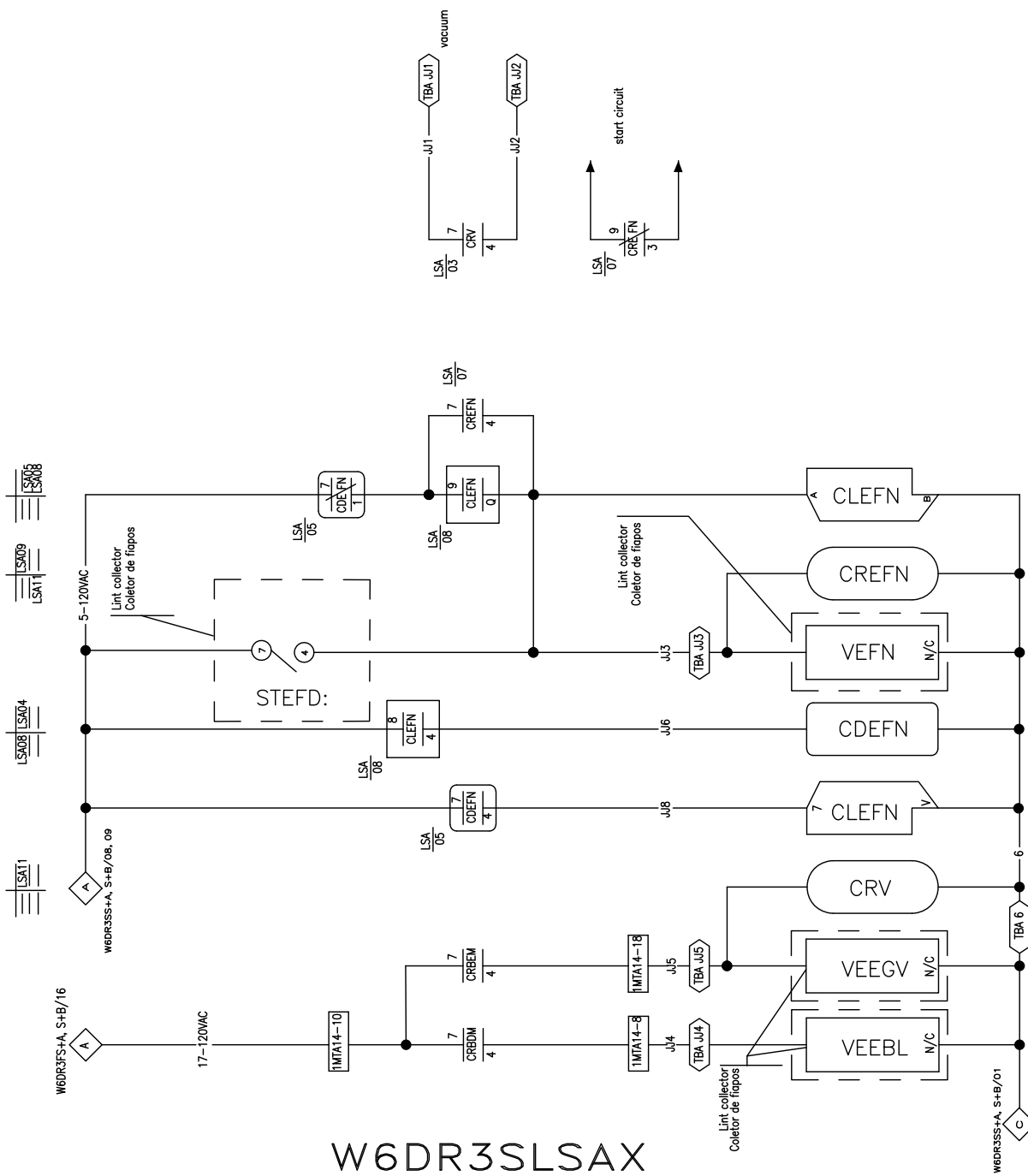
PELLERIN MILNOR CORPORATION

97241A

# W6DR3SLSAX

PELLERIN MILNOR CORPORATION

2025056A



19  
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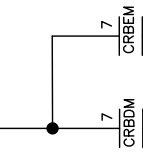


W6DR3SS+A, S+B/16

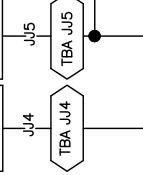
17

120VAC

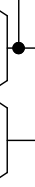
1MTA14-10



1MTA14-8



1MTA14-18



TBA JJ4

TBA JJ5

VEEBL N/C

VEEGV N/C

VEEGU N/O

CRV

VEAB N/C

W6DR3SS+A, S+B/01

6

TBA 6

01

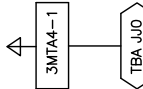
02

03

04

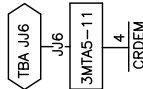
05

MEHDSE1BE - W6DSA15C/W6DSE15C



3MTA4-1

TBA JJ0

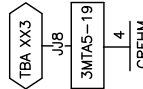


TBA JJ6

3MTA5-11

3MTA5-1

TBA JJ7



TBA XX3

3MTA5-19

3MTA5-10

TBA JJ9

LSB

04

7

CRV

4

TBA JJ1

TBA JJ2

Vacuum

Vacuo

01

02

03

04

05

06

07

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09

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11

12

13

14

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16

17

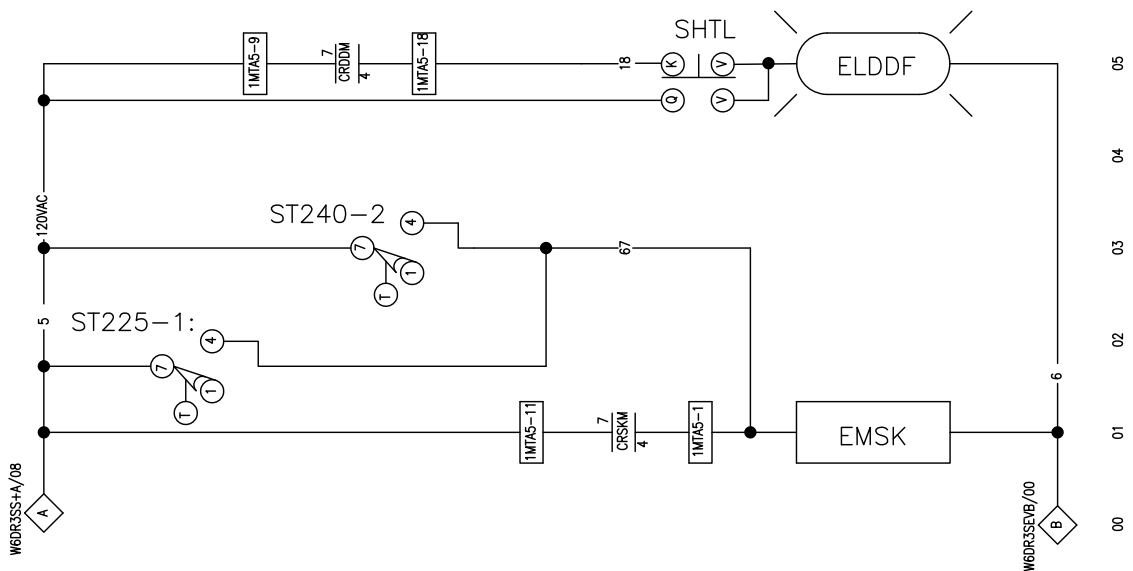
# W6DR3SLSBP

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Lint screen  
filtro de fiapos





# W6DR3SMCCP

Motor Contacts + Lamp Test  
 Contatos do motor + teste de lâmpada

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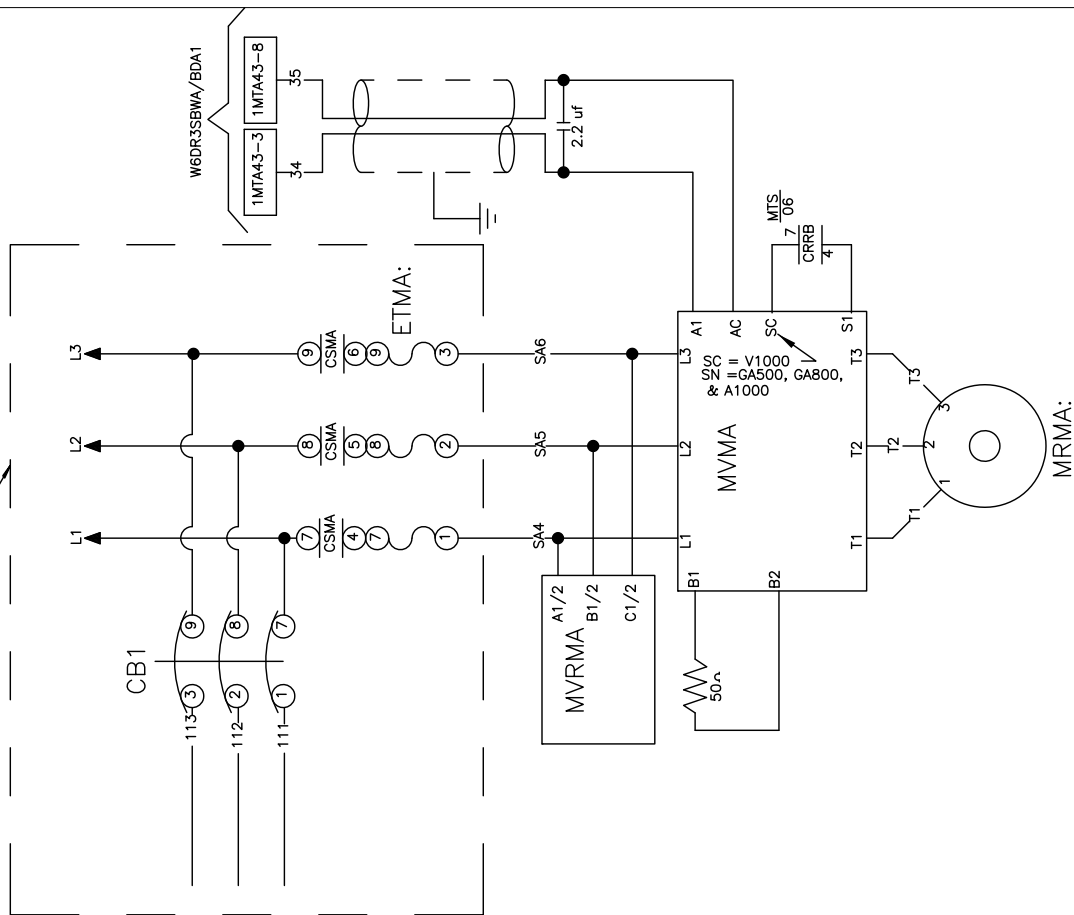
2023452A



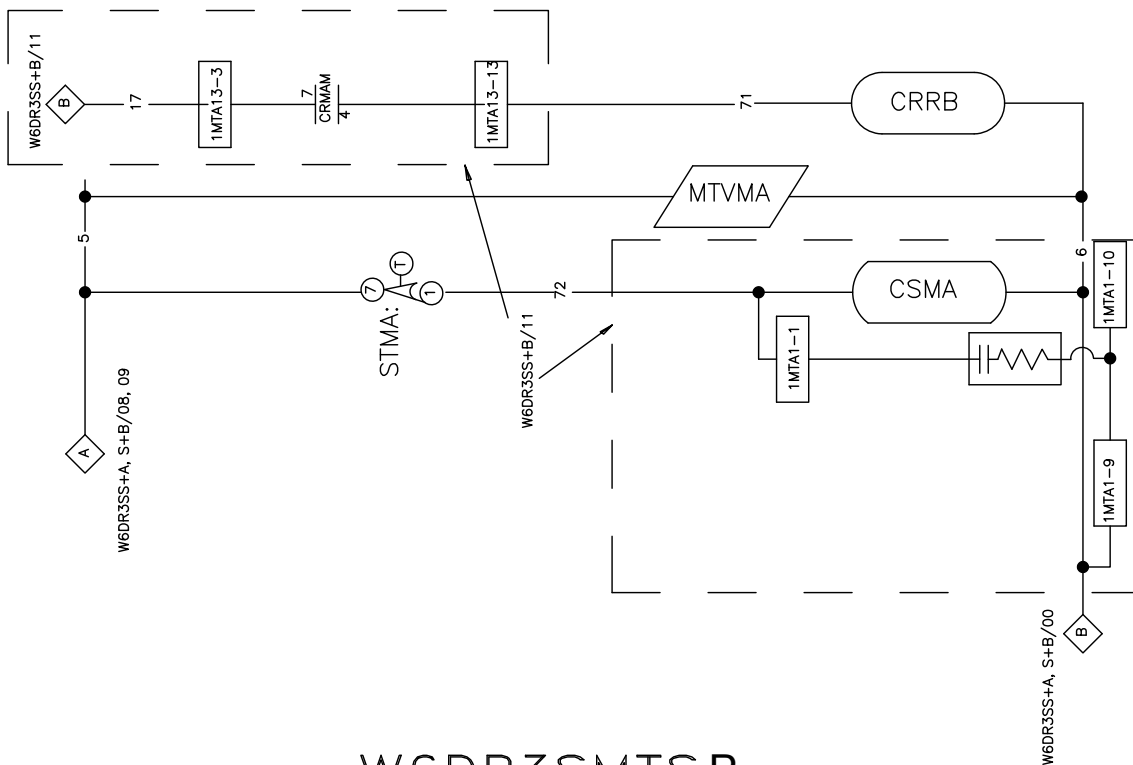




W6DR3SMT/10-14



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



Add Blower Inverter  
adicionar inversor de ventilador

# W6DR3SMTSP

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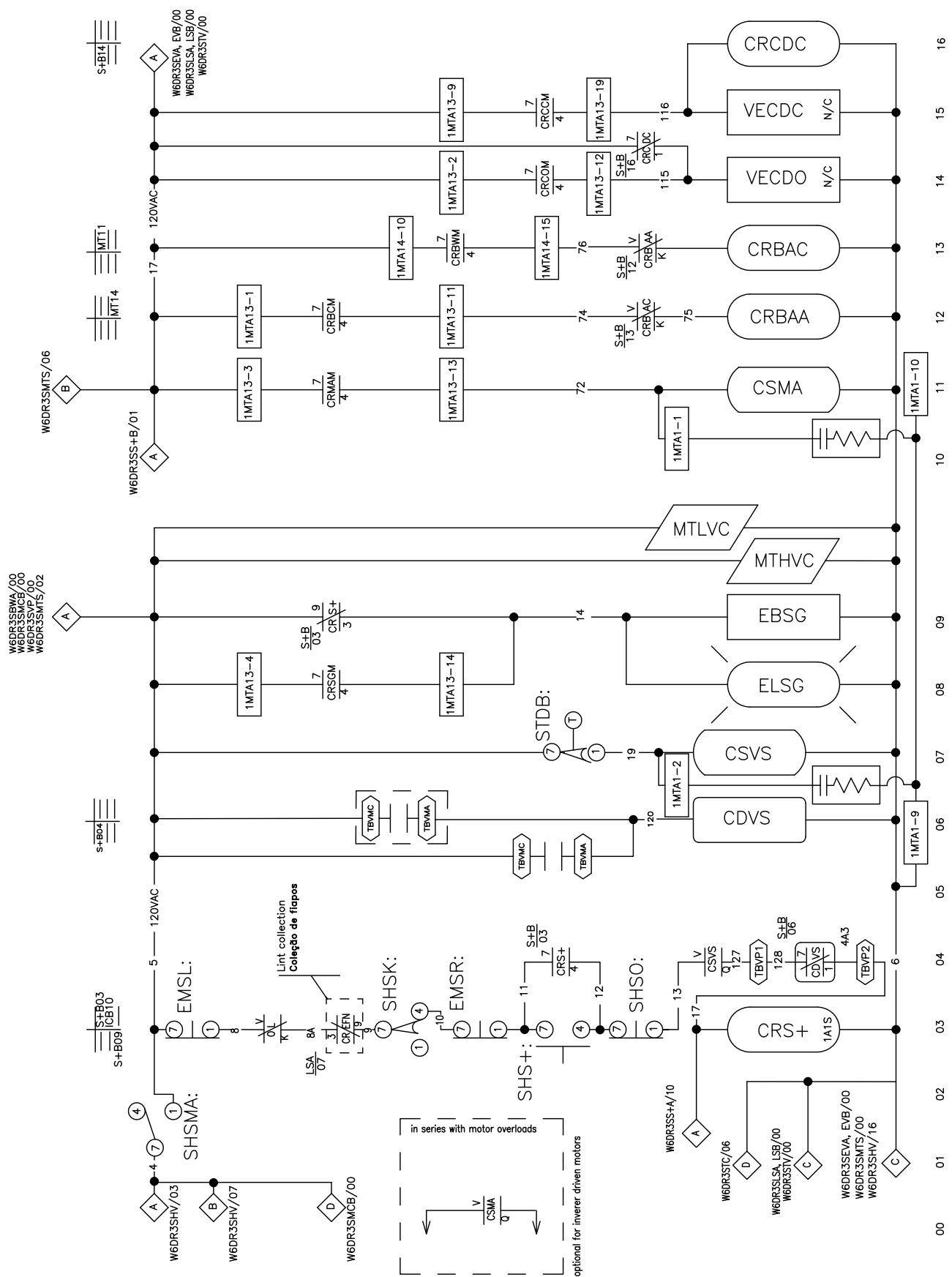
2023452A

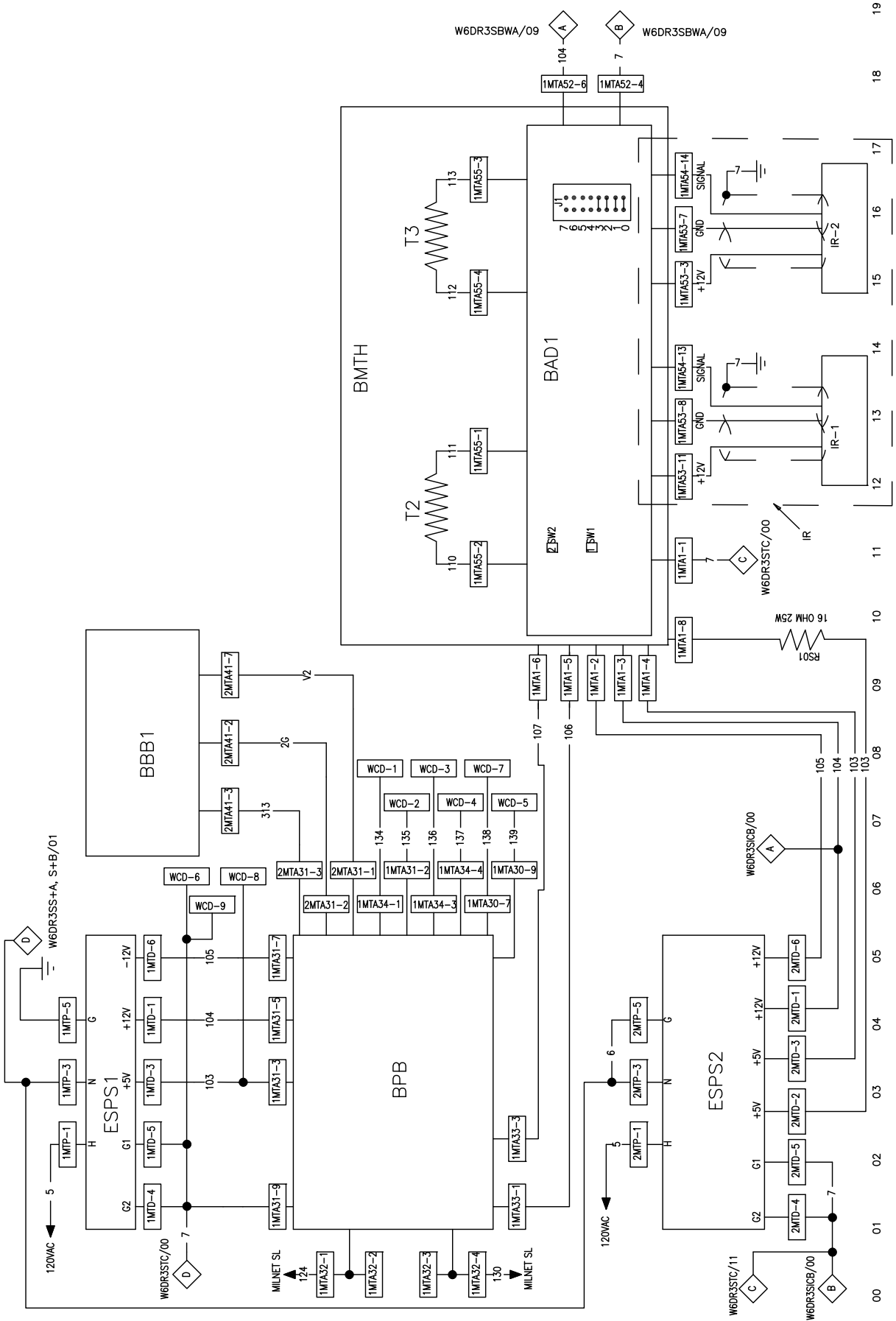
Start Circuit  
Iniciar circuito

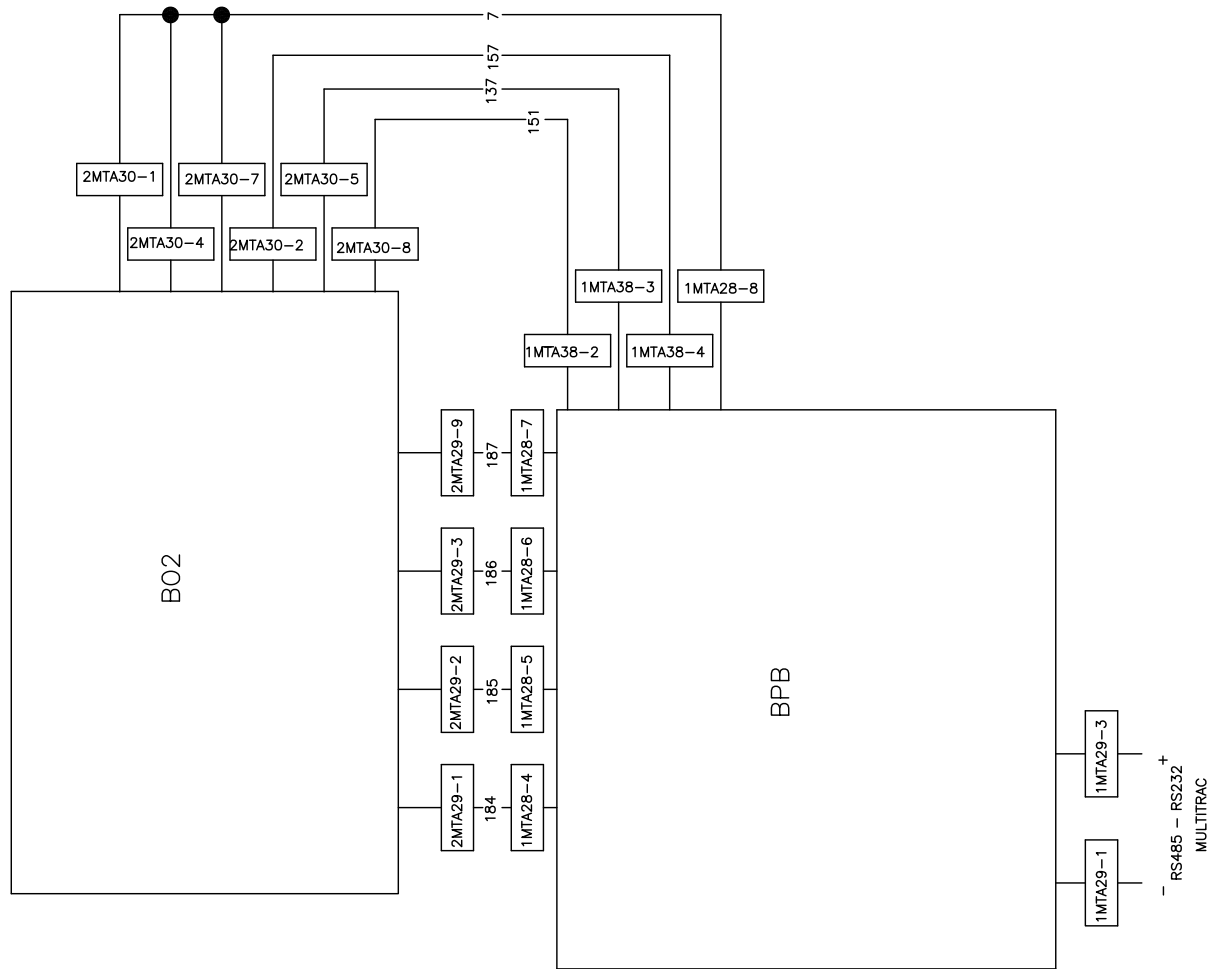
# W6DR3SS+BX

PELLERIN MILNOR CORPORATION

2025046B







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



W6DR3SS+A/16  
W6DR3SS+B/16

17  
A

1MTA13-19  
7  
CRCGM

4

1MTA13-9

114

CRCDC

W6DR3SS+A, S+B/01

6  
C

TV 01 8  
CRCDC

5

TV 01 7  
CRCDC

4

TV 01 7  
CRCDC

1

VEMTR

117

118

BDA1  
(WXDR3SBWA)

1MTA43-9

1MTA43-4

J3  
3  
2  
1

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

# W6DR3STVP

Thermal Oil Valve  
Válvula de óleo térmico

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2023452A