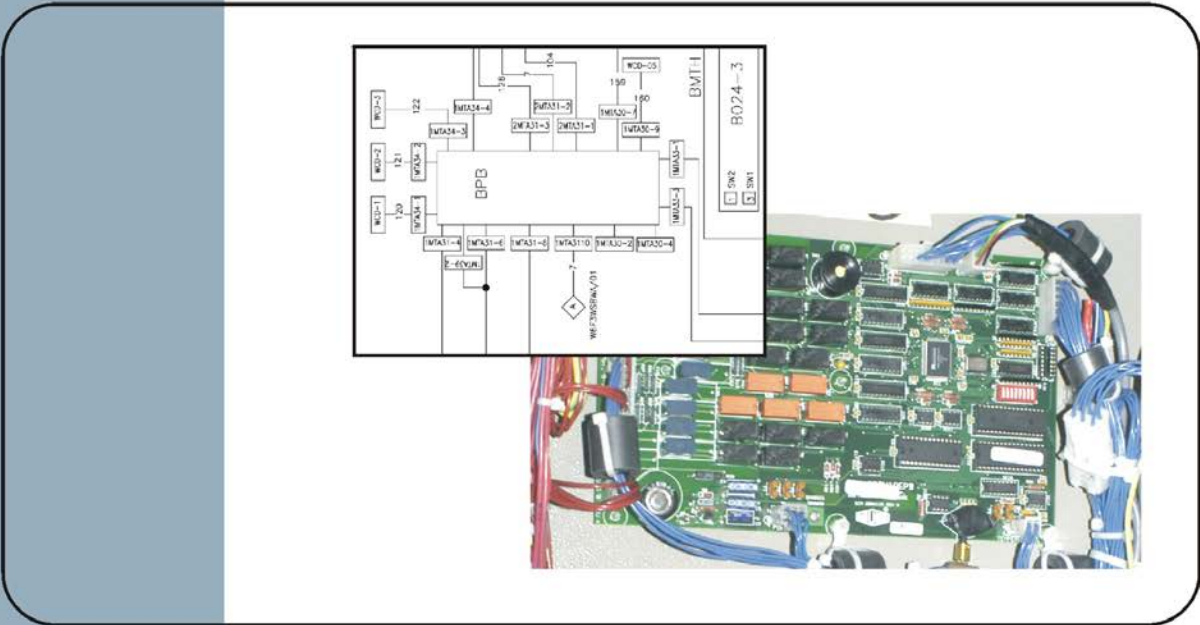




Published Manual Number/ECN: MC6HEXT1CX/2024334A

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M7T, M7V, M9S, M9T, M9V, MMS, MMT, MMV / 4232, 4836, 4840 / C, L, R



MC6HEXT1CX/24334A

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25	Data pass / データパス	W6EX5IDP3J/2012142A
26	Keypad / キーパッド	W6EX5KPAJ/2013204A
27	Motor contacts / モータ接触器	W6EX5MCAJ/2012142A
28	600V to 480V transformer / 600Vから480V の変圧器	W6EX5MT6J/2023402B
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30	Data pass / データパス	W6EX5ODPJ/2020246A
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35	Inverter / インバータ	W6EX5VPAJ/2019333A
36	Braking modules-high voltage / ブレーキモジュール - 高電圧	W6EX5VPBRJ/2022512A
37	Braking modules-low voltage / ブレーキモジュール - 低電圧	W6EX5VPBSJ/2022512A
38	D braking modules-high voltage / D ブレーキモジュール高電圧	W6EX5VPBTJ/2022512A



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



設置、操作、保守を行う前に、添付の安全マニュアルをお読みください

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

1. **English**
 2. Japanese
-

回路ガイドの説明文は、次の言語で提供されます

1. 英語
 2. 日本語
-

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

修理に必要な部品の入手方法

本洗濯機の修理に必要な部品は、本機を購入された認定サプライヤから入手してください。サプライヤは通常必要な部品を在庫として保有しています。構成部品はMilnorの工場からも入手可能です。

- 本マニュアル記載の構成部品番号
- 構成部品名（わかっている場合）
- 必要数量
- 必要な輸送要件
- 概略図
- 構成部品がモータ制御装置または電気制御装置の場合は、使用されている構成部品の銘板データを提供する

Milnor工場の問い合わせ先：

Pellerin Milnor Corporation
P. O. Box 400
Kenner, LA 70063-0400
United States

電話： 504-467-2787
ファクシミリ 504-469-9777
Eメール： parts@milnor.com

MC6HEXT1CJ

W6EX5PLJ/2023402N

A			
ACBA		W6F3SEC	EACCLRM5
ACBAA		W6F3SECA	EACCLRM5
BA			
BBB-1		W6EX5BWA	08BSBB1T
BBAD-1		W6EX5EC	08BSBADCTE
BBADA-1		W6EX5ECA	08BSBADCTE
BDFP		W6EX5SDA	08EFD320C
BFPC		W6EX5SDA	08EFD320C
BFPI		W6EX5SDA	08BSEDIFAT
BIO-1		W6EX5BWA	08BS816DT
BIO-2		W6EX5IDP2	08BS816DT
BIO-3		W6EX5IDP3	08BS816DT
BIO-4		W6EX5BWA	08BS816DHT
BO24-1		W6EX5BWA	08BSO24AT
BO24-2		W6EX5OPA	08BSO24AT
BPB		W6EX5BWA	08BSPE3T
BRS1		W6EX5BWA	08BNDSR1T
BRSA (42")		W6EX5BWA	08BNDSRDT
BRSA (48")		W6EX5BWA	08BNDSRCT
CB			
CB1		W6EX5MTA	09FC016CAA
CP			
CPCBM		W6EX5IA	09RPE004
CPCCR		W6EX5S+	09RPE010R
CPCCS		W6EX5S+	09RPE010E
CPCPL		W6EX5IA	09RPE011
CPHTGC		W6EX5HYP	09RPE004
CPHTGCA		W6EX5HYP	09RPE004
CPPSP		W6EX5BWA	09RPE013Q
CR			
CRBB		W6EX5EC	09C024D37
CRBBA		W6EX5ECA	09C024D37
CRBR		W6EX5EV	09C024D37
CRCBM		W6EX5IA	09C024D37
CRCCR		W6EX5S+	09C024D37
CRCU		W6EX5HYP	09C024D37
CRHTD		W6EX5HYP	09C024D37
CRHTG		W6EX5HYP	09C024D37
CRHTGA		W6EX5HYP	09C024D37
CROL		W6EX5VPBR	09C024D37
CROL		W6EX5VPBS	09C024D37
CRS+		W6EX5S+	09C024D37
CRSSB		W6EX5IA	09C024E24
CRWRD		W6EX5S+	09C024D37
CRWRT		W6EX5HYP	09C024D37
CS			
CSFAN1		W6EX5S+	09MC08D337
CSFAN2		W6EX5S+	09MC08B337
CSFAN3		W6EX5S+	09MC08B337

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CSI	>250V 42M7/9V	W6EX5MCA	09MC08G337
CSI	<250V 42M7/9V	W6EX5MCA	09MC08N337
CSI	>250V 42MM/XV	W6EX5MCA	09MC08N337
CSI	<250V 42MM/XV	W6EX5MCA	09MC08T337
CSI	>250V 48M7/9V	W6EX5MCA	09MC08N337
CSI	<250V 48M/9V	W6EX5MCA	09MC08U337
CSHYD	>250V 42M7/9V	W6EX5MCA	09MC08D337
CSHYD	<250V 42M7/9V	W6EX5MCA	09MC08N337
CSHYD	>250V 42MM/XV	W6EX5MCA	09MC08L337
CSHYD	<250V 42MM/XV	W6EX5MCA	09MC08T337
CSHYD	>250V 48M7/9V	W6EX5MCA	09MC08G337
CSHYD	<250V 48M/9V	W6EX5MCA	09MC08L337
CSERP	>250V ALL	W6EX5EPA	09MC04B337
CSERP	<250V ALL	W6EX5EPA	09MC04B337
CSERP	>250V ALL	W6EX5EPA	09MC04B337
CSERP	<250V ALL	W6EX5EPA	09MC04B337
CSERP	>250V ALL	W6EX5EPA	09MC04B337
CSERP	<250V ALL	W6EX5EPA	09MC04B337
D			
DIAC		W6EX5MT6	09X001A
EB			
EBSG		W6EX5S+	09H015
EF			
EFF1		W6EX5MTA	09FF003AWV
EFF2		W6EX5MTA	09FF003AWV
EFF3		W6EX5MTA	09FF003AWV
EFF4		W6EX5MTA	09FF003AWV
EFP1		W6EX5PS	09FF005AWN
EFP2		W6EX5PS	09FF005AWN
EF37		W6EX5PS	09FF006AMA
EL			
ELERP		W6EX5EPA	09J060A37
ELETT		W6EX5EPA	09J060A37
ELSG		W6EX5S+	09J060WH37
ELSGR		W6EX5S+	09H025V37
EM			
EMSPA		W6EX5S+	09N505
EMSPB		W6EX5S+	09N505
EMSPC		W6EX5S+	09N505
ES			
ESPS		W6EX5BWA	08PSS3401T
ET			
ETFAN1		W6EX5S+	09FTD0010T
ETI	>250V 42M7/9V	W6EX5MTA	09FTD0121T
ETI	<250V 42M7/9V	W6EX5MTA	09FTD0230T
ETI	>250V 42MM/XV	W6EX5MTA	09FTD0230T
ETI	<250V 42MM/XV	W6EX5MTA	09FTD0040T
ETI	>250V 48M7/9V	W6EX5MTA	09FTD0230T
ETI	<250V 48M7/9V	W6EX5MTA	09FTD0040T
ETHYD	>250V 42M7/9V	W6EX5MTA	09FTD0039T

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ETHYD	<250V 42M7/9V	W6EX5MTA	09FTD0121T
ETHYD	>250V 42MM/XVV	W6EX5MTA	09FTD0039T
ETHYD	<250V 42MM/XVV	W6EX5MTA	09FTD0039T
ETHYD	>250V 48M7/9V	W6EX5MTA	09FTD0120T
ETHYD	<250V 48M7/9V	W6EX5MTA	09FTD0230T
ETERP	>250V 42M7/9V	W6EX5MTA	09FTD0037T
ETERP	<250V 42M7/9V	W6EX5MTA	09FTD0037T
ETERP	>250V 42MM/XVV	W6EX5MTA	09FTD0037T
ETERP	<250V 42MM/XVV	W6EX5MTA	09FTD0037T
ETERP	>250V 48M7/9V	W6EX5MTA	09FTD0037T
ETERP	<250V 48M7/9V	W6EX5MTA	09FTD0037T
ETB1	>250V-ALL	W6EX5MTA	09FTD0010T
ETB1	<250V ALL	W6EX5MTA	09FTD0016T
ETB2	>250V-ALL	W6EX5MTA	09FTD0010T
ETB2	<250V ALL	W6EX5MTA	09FTD0016T
EX			
EX37-1	208/240VAC	W6EX5PS	09U249AA37
EX37-2	380/480VAC	W6EX5PS	09U200AAB
EX37-3	600VAC	W6EX5PS	09U251AB37
EXFHV	480->240VAC	W6EX5MTA	09US010A96
EXFHV600		W6EX5MTA	09UA050B98
EXFLV		W6EX5MTA	09UA050A32
F			
FAN1		W6EX5MCA	13AF235A37
EMCF1		W6EX5VPBR	13AF235A37
EMCF1		W6EX5VPBS	13AF235A37
EMCF2		W6EX5VPBR	13AF235A37
EMCF2		W6EX5VPBS	13AF235A37
MTDFL		W6EX5MTA	13AF210071
MTDFR		W6EX5MTA	13AF210071
KB			
KBM		W6EX5KPA	08MD5X6GC
MT			
MTD	>250 VAC 42 M9V	W6EX5VPA	39G840AATD
MTD	<250VAC 42M9V	W6EX5VPA	39G840AAHD
MTD	>250 VAC 42 MMV	W6EX5VPA	39G870AATD
MTD	<250VAC 42MMV	W6EX5VPA	39G870AAHD
MTD	>250 VAC 42 MXV	W6EX5VPA	39G860AATD
MTD	<250VAC 42MXV	W6EX5VPA	39G860AAHD
MTD	48M7V	W6EX5VPA	39G860AATD
MTD	48M9V	W6EX5VPA	39G8C0AAT
MV			
MVD	>250VAC 42M9V	W6EX5VPA	09MWA03996
MVD	>250VAC 42MMV	W6EX5VPA	09MWA09196
MVD	>250VAC 42MXV	W6EX5VPA	09MWA07596
MVD	>250VAC 48M7J	W6EX5VPA	09MWA07596
MVD	>250VAC 48M9V	W6EX5VPA	09MWA09196
MVD	<250VAC 42M9V	W6EX5VPA	09MWA07174
MVD	<250VAC 42MMV	W6EX5VPA	09MWA18074
MVD	<250VAC 42MXV	W6EX5VPA	09MWA14574

MC6HEXT1CJ

W6EX5PLJ/2023402N

MVD	<250VAC 48M7V	W6EX5VPA	09MWA14574
MVD	<250VAC 48M9V	W6EX5VPA	09MWA18074
MVDR	>250V 42 M7/9V	W6EX5VPA	09MVBT50HC
MVDR	<250V 42 M7/9V	W6EX5VPA	09MVBT25LC
MVDR	> 250V 48M7/9V	W6EX5VPA	09MVBT25HC
MVDR	< 250V 48M7/9V	W6EX5VPA	09MVBT25LC
PS			
PS24		W6EX5BWA	08PSL6C224
PX			
PXCD		W6EX5IA	09RPS30ADS
PXDD		W6EX5IA	09RPS30ADS
PXDU		W6EX5IA	09RPS30ADS
PXLCD		W6EX5IA	09RPS30ADS
PXLCU		W6EX5IA	09RPS30ADS
PXRD		W6EX5S+	09RPS30CAS
PXRDI		W6EX5HYP	09RPS30CAS
PXSFU		W6EX5HYP	09RPS30CAS
RD			
RDB	1	W6EX5VPBR	09MVR272S9
RDB	2	W6EX5VPBR	09MVR272D9
RDB	1	W6EX5VPBS	09MVR068S9
RDB	2	W6EX5VPBS	09MVR068D9
RS			
RS01		W6EX5BWB	ECEUV8R
SH			
SHBL1		W6EX5MCA	09N405M210
SHBL2		W6EX5MCA	09N405M210
SHERP		W6EX5EP	09N405M210
SHMD		W6EX5IA	09N405M210
SHS+		W6EX5S+	09N405PB10
SHSG		W6EX5IA	09N405PY10
SHSMA		W6EX5S+	09N405M220
SHSO		W6EX5S+	09N404PR01
SK			
SKCP		W6EX5S+	09N127C
SKPR		W6EX5IA	09N127C
SL			
SLEPH		W6EX5EPA	09RM01412S
SLEPL		W6EX5EPA	09RM01412S
SM			
SMCP#		W6EX5S+	09RM01418G
SMERB		W6EX5IA	09R008A
SMPCL		W6EX5S+	09R014A
SMPCR		W6EX5S+	09R014A
SMRD		W6EX5S+	09RM01412S
SMRU		W6EX5IA	09RM01412S
SP			
SPBR		W6EX5IA	09N082A
VE			
VECSO		W6EX5HYP	09R301B37

MC6HEXT1CJ

W6EX5PLJ/2023402N

VEDLG		W6EX5HYP	09R302B37
VEDO		W6EX5EV	09R301B37
VEDP		W6EX5EV	09R301B37
VEFDD		W6EX5EV	09R301B37
VEFDL		W6EX5EV	09R301B37
VEHTD		W6EX5HYP	96RH707E37
VEHTU		W6EX5HYP	96RH707E37
VELC		W6EX5EV	96R301B37
VELD		W6EX5EV	96R302B37
VESDS		W6EX5EV	96R301B37
VESIS		W6EX5EV	96R301B37
VEWBR		W6EX5EV	96R301B37

Legend of Symbols

シンボルのキャプション



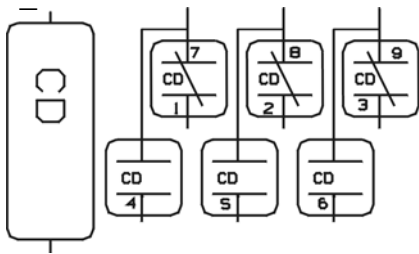
BA = Printed Circuit Board

BA = プリント回路基板



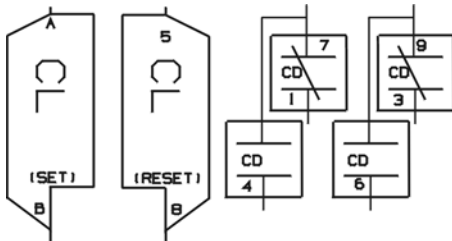
CB = Circuit Breaker

CB = 遮断器



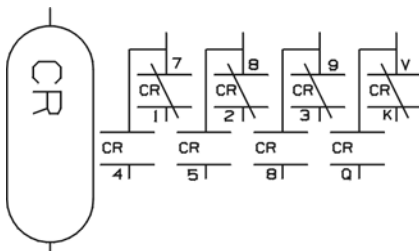
CD = Time Delay Relay

CD = 時間遅延リレー



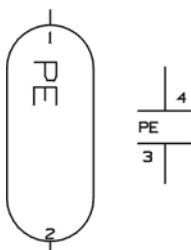
CL = Latch Relay

CL = ラッチングリレー



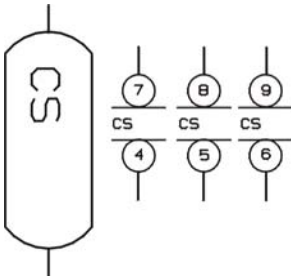
CR = Relay

CR = リレー



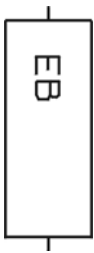
CP = Photoeye

CP = 光電管



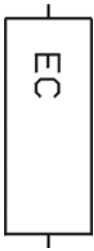
CS = Contactor/Motor Starter

CS = モータ接触器



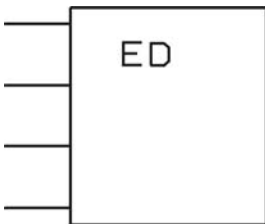
EB = Audible Signal

EB = 音声信号



EC = Clutch

EC = クラッチ



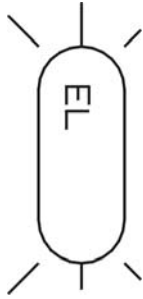
ED = Electronic Display

ED = 電子表示

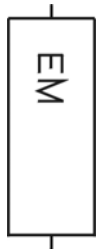


EF = Fuse

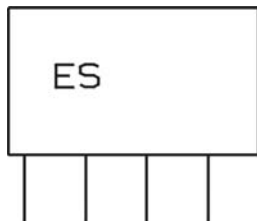
EF = フューズ



EL = Light
EL = ライト



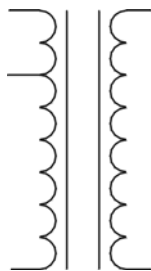
EM = Electro Magnatic Solenoid
EM = 電磁機器 (ソレノイド)



ES = Electronic Power Supply
ES = 電源



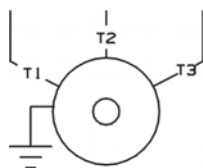
ET = Thermal Overload
ET = 熱過負荷



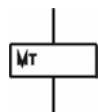
EX = Transformer
EX = 変圧器

KB = Keyboard/Keypad
KB = キーボード/キーパッド

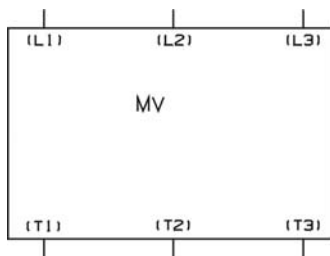
MN = Electronic Monitor
MN = 電子表示装置



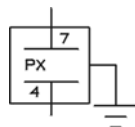
MR = Motor
MR = モーター



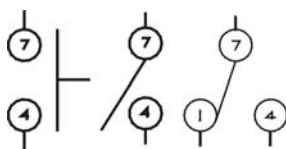
MT = Board Connector
MT = PC基板用コネクタ



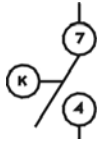
MV = Motor Inverter
MV = モーターインバータ



PX = Proximity Switch
PX = 近接スイッチ

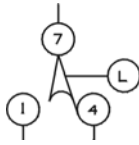


SH = Switch Hand Operated
SH = スイッチ、手動操作



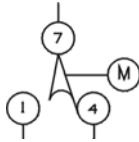
SK = Switch Key Operated

SK = スイッチ、キー操作



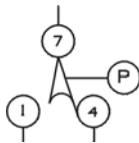
SL = Switch Level Operated

SL = スイッチ、水位作動



SM = Switch Mechanically Operated

SM = スイッチ、機械的作動



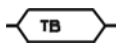
SP = Switch Pressure Operated

SP = スイッチ、圧力作動



ST = Switch Temperature Operated

ST = スイッチ、温度作動



TB = Terminal Block

TB = 端子台



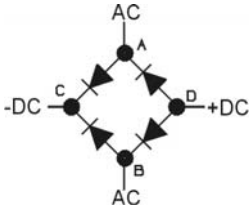
VE = Valve Electrically Operated

VE = バルブ、電動式



WC = Wiring Connector

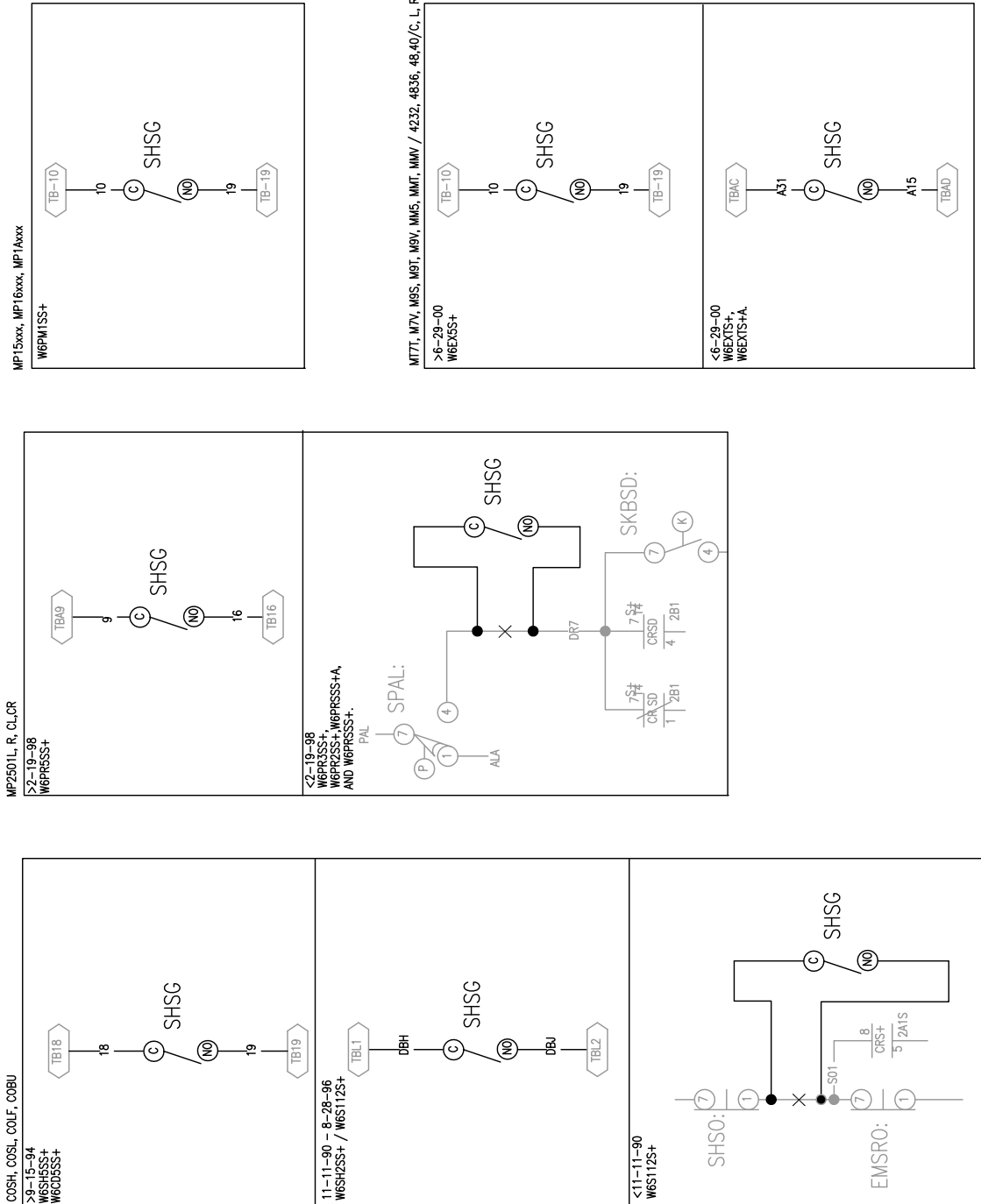
WC = 配線コネクタ



ZF = Rectifier

ZF = 整流器

The safety fence gate interlock switch provided by the end user must have a separate pole for each machine in the fenced area.
 See MILNOR document BISUUI01 and BISUUI02 in the safety manual for additional information.
 エンド・ユーザーが提供する安全ドア・ロック・スイッチには、フェンス・エリア内の各マシンごとに別々のポールが必要です。
 詳細については、安全マニュアルのMILNOR BISUUI01およびBISUUI02を参照してください。



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

Safety Gate Interlock by Installer
 インストーラによる安全ゲートインターロック

W6SYSSGJ

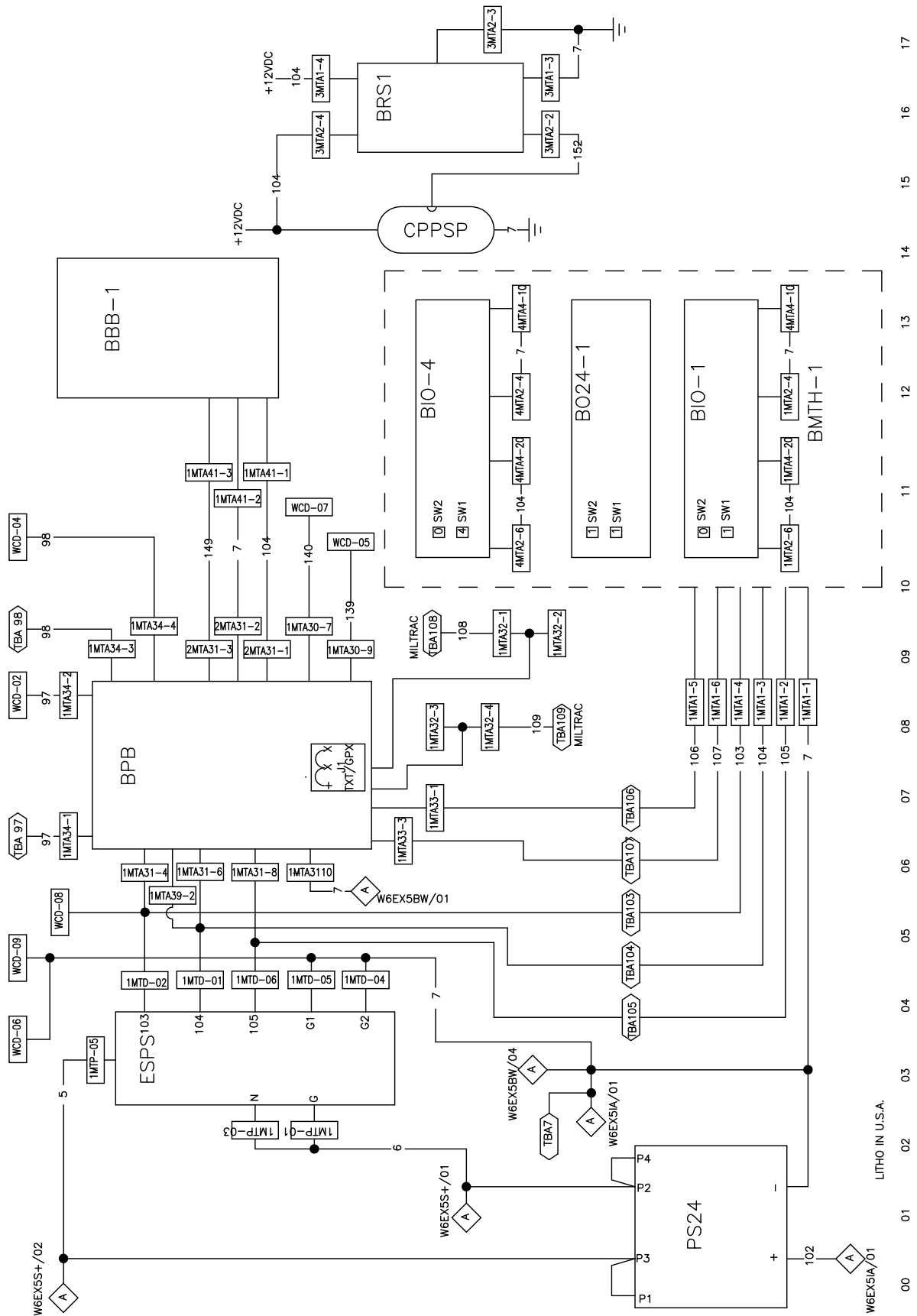
PELLERIN MILNOR CORPORATION

2018196A

W6EX5BWAJ

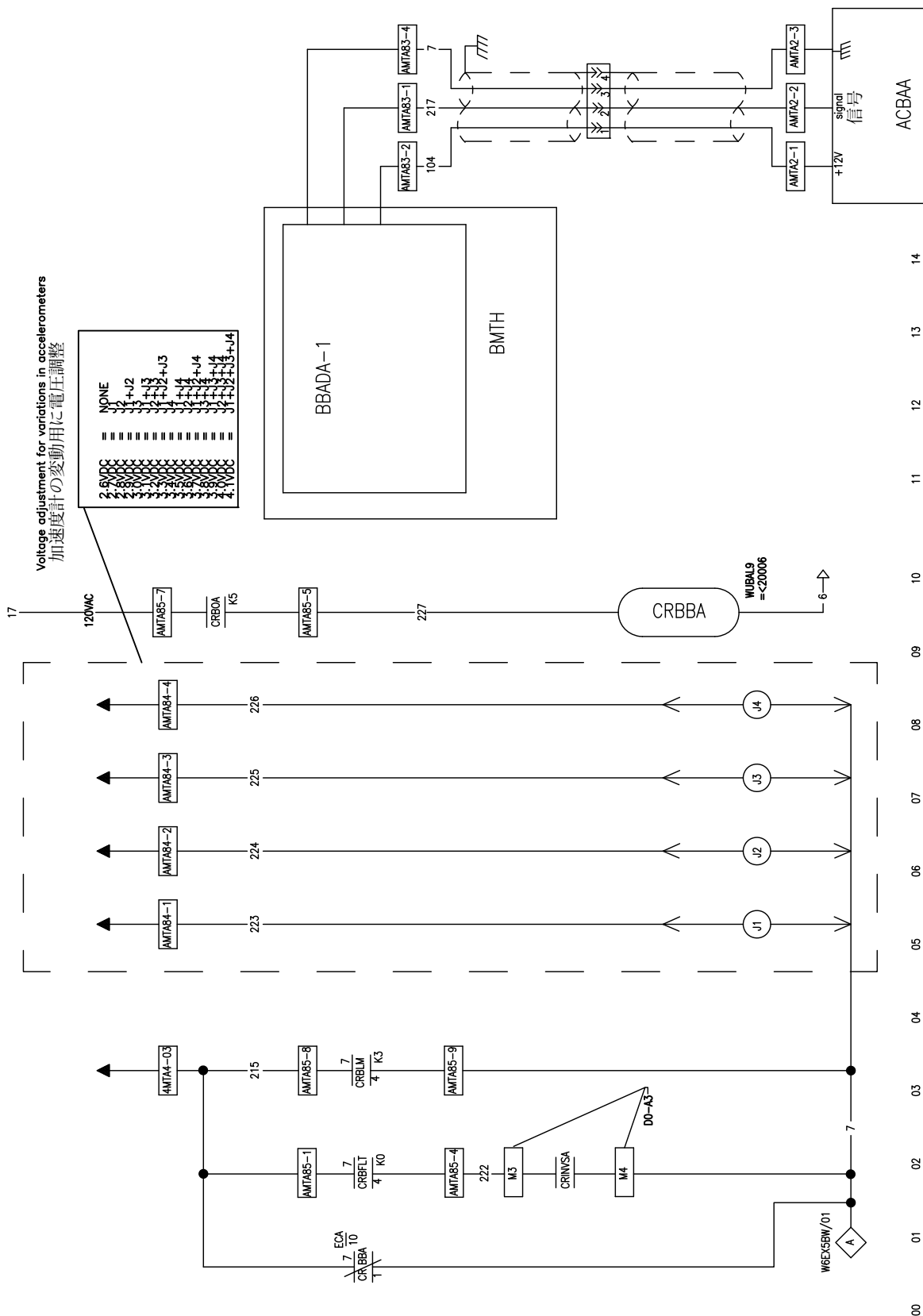
PELLERIN MILNOR CORPORATION

2015205A



LITHO IN U.S.A.

ECA001



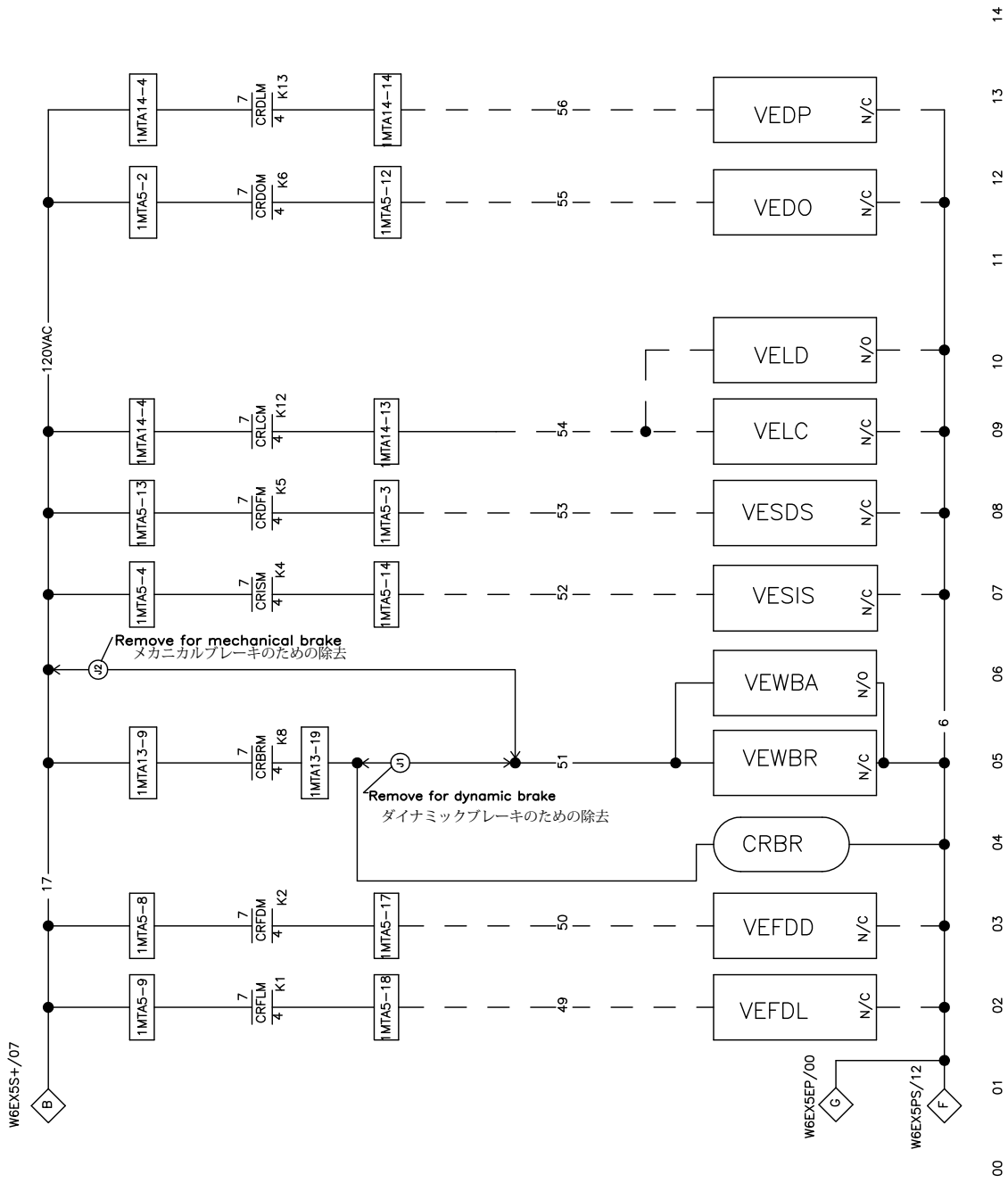
Voltage adjustment for variations in accelerometers
加速度計の変動用に電圧調整

Balance Circuit-2
平衡回路-2

W6EX5ECAJ

PELLERIN MILNOR CORPORATION

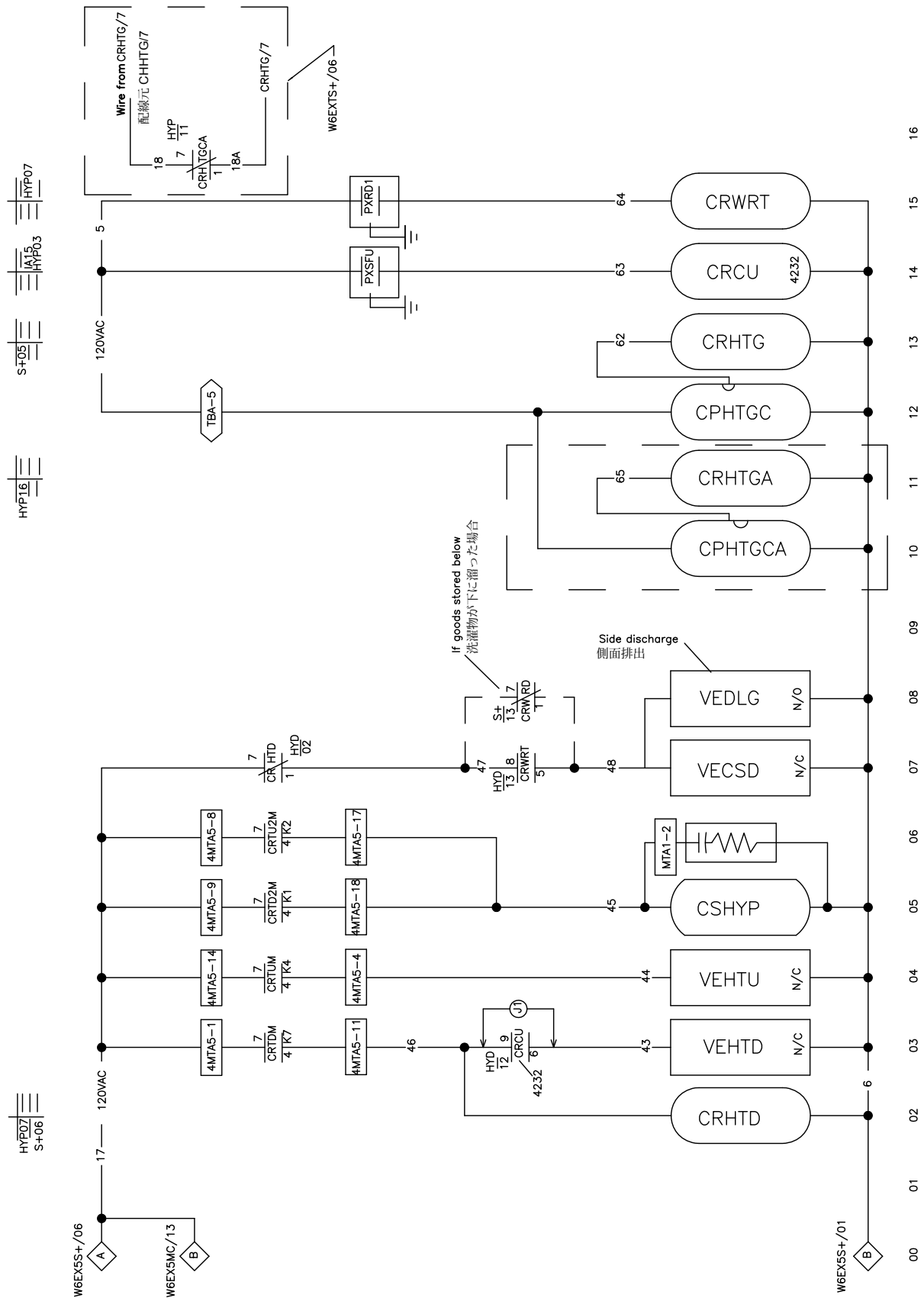
2020103A



W6EX5HYP J

PELLERIN MILNOR CORPORATION

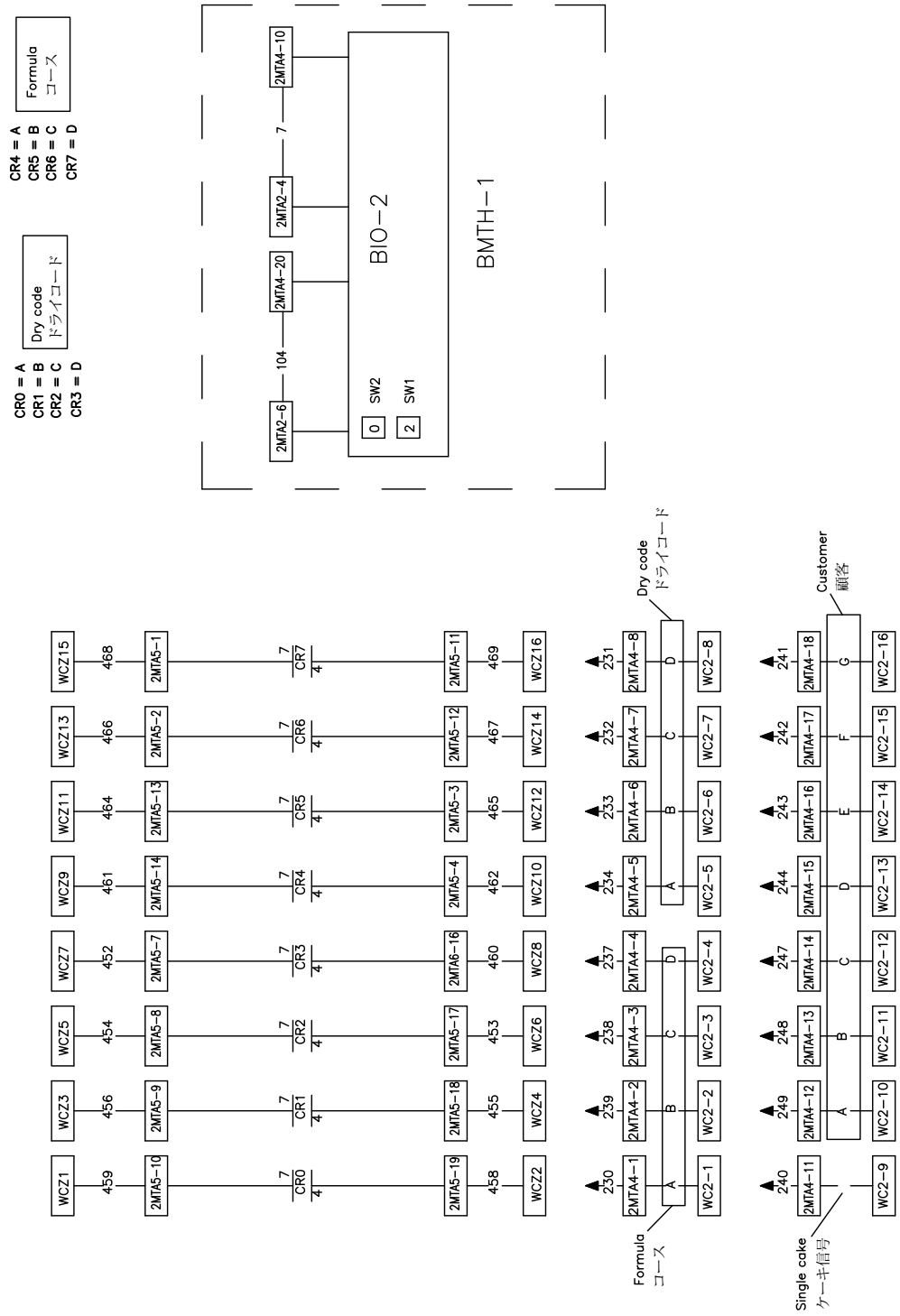
2012142A



W6EX5IDP2J

PELLERIN MILNOR CORPORATION

2012142A

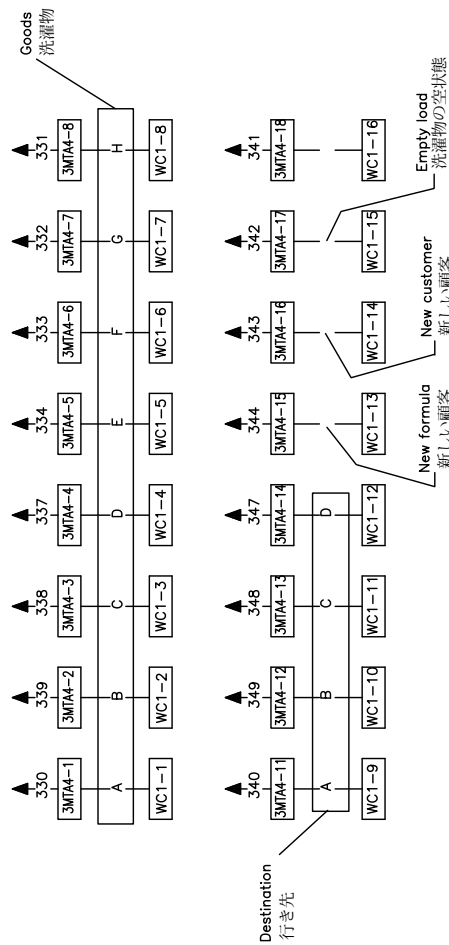
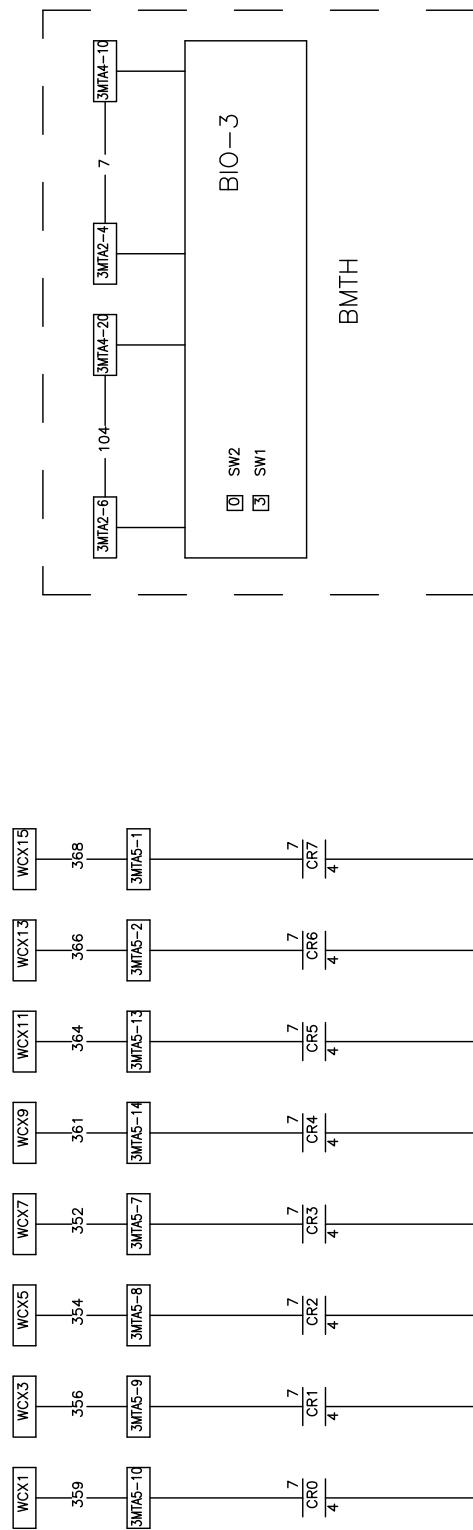


00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

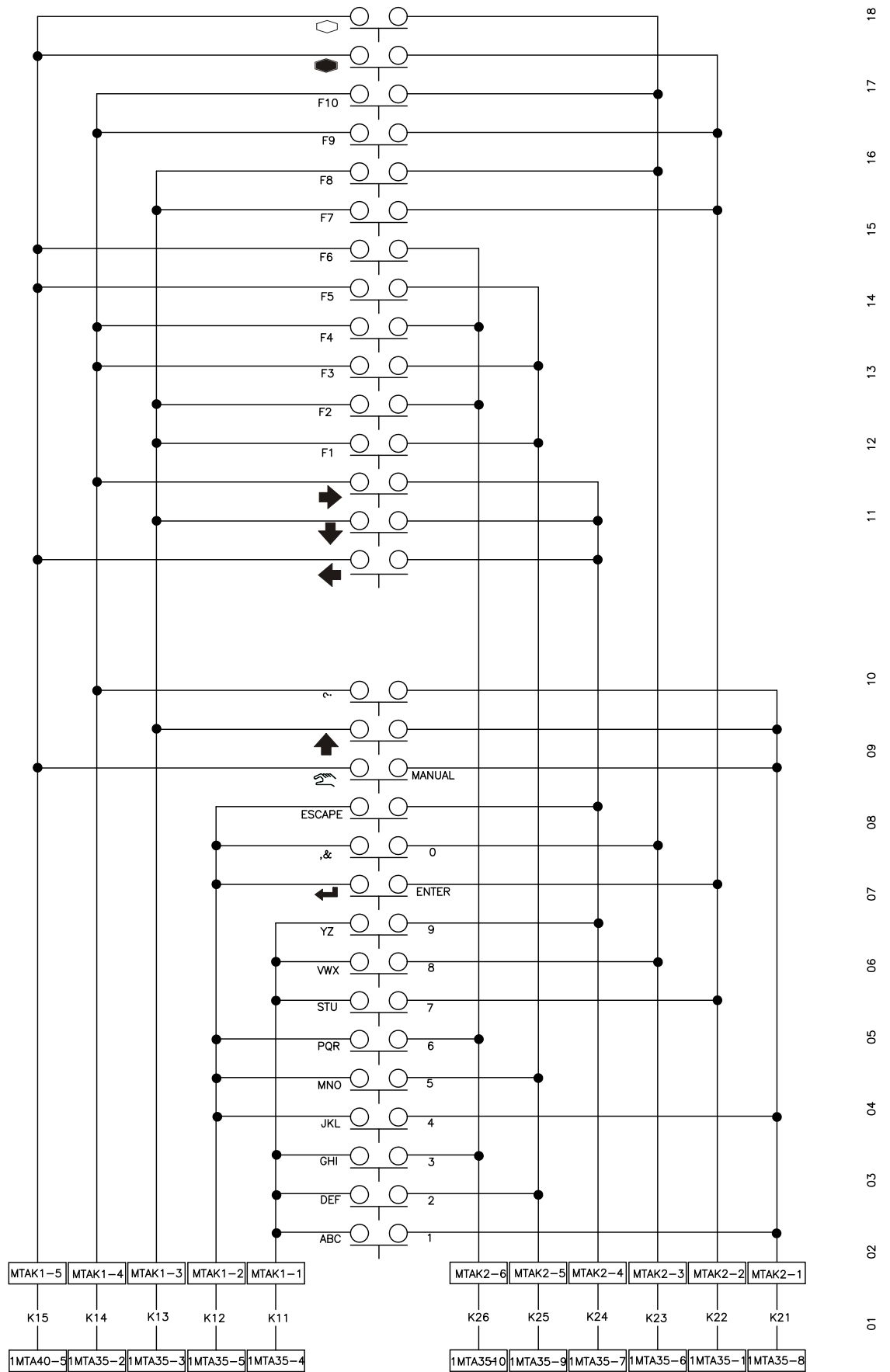
W6EX5IDP3J

PELLERIN MILNOR CORPORATION

2012142A



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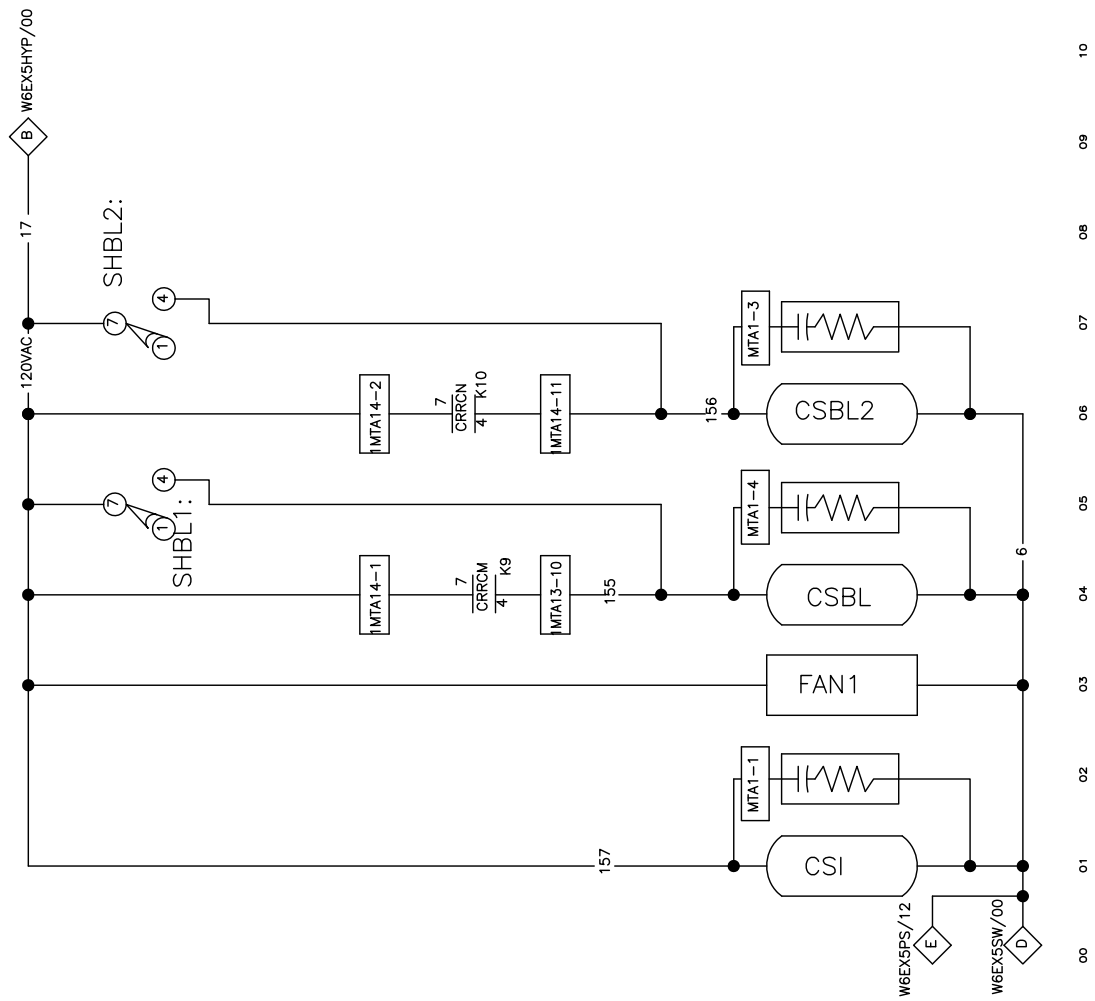


Keypad
キーパッド

W6EX5KPA J

PELLERIN MILNOR CORPORATION

2013204A



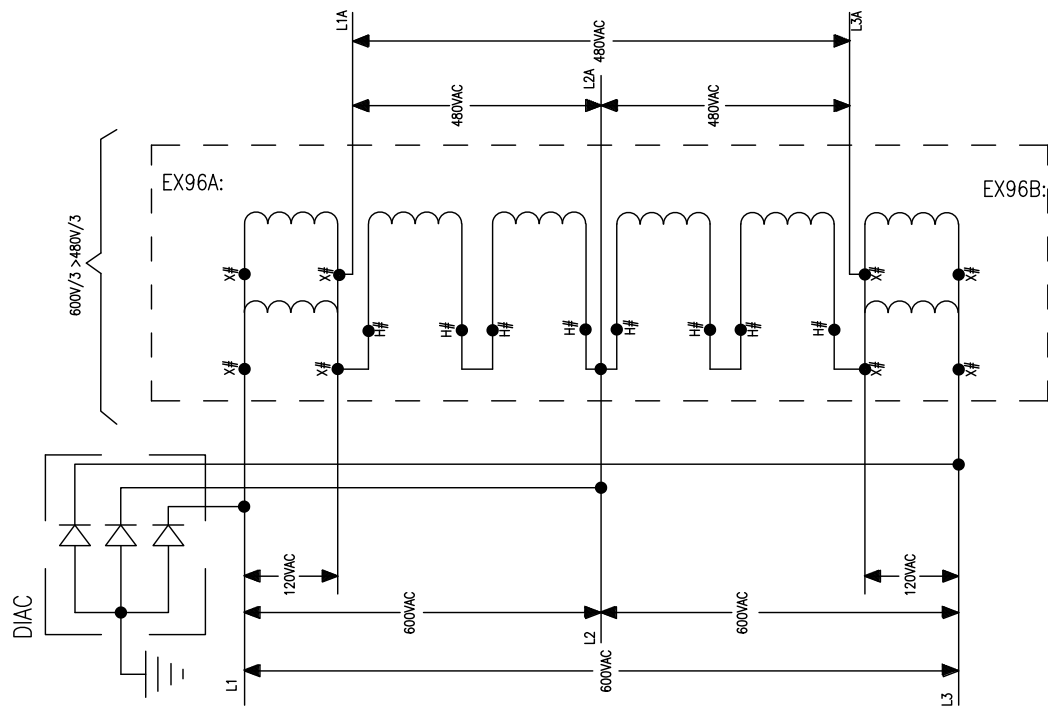
Motor Contacts
 电动机接触器

W6EX5MCAJ

PELLERIN MILNOR CORPORATION

2012142A

REFER TO THE CONNECTION DIAGRAM OF THE TRANSFORMERS FOR THE CORRESPONDING WIRE NUMBERS
 対応する電線番号については、変圧器の接続図を参照してください



600V to 480V Transformer
 600Vから480Vの変圧器

W6EX5MT6J

PELLERIN MILNOR CORPORATION

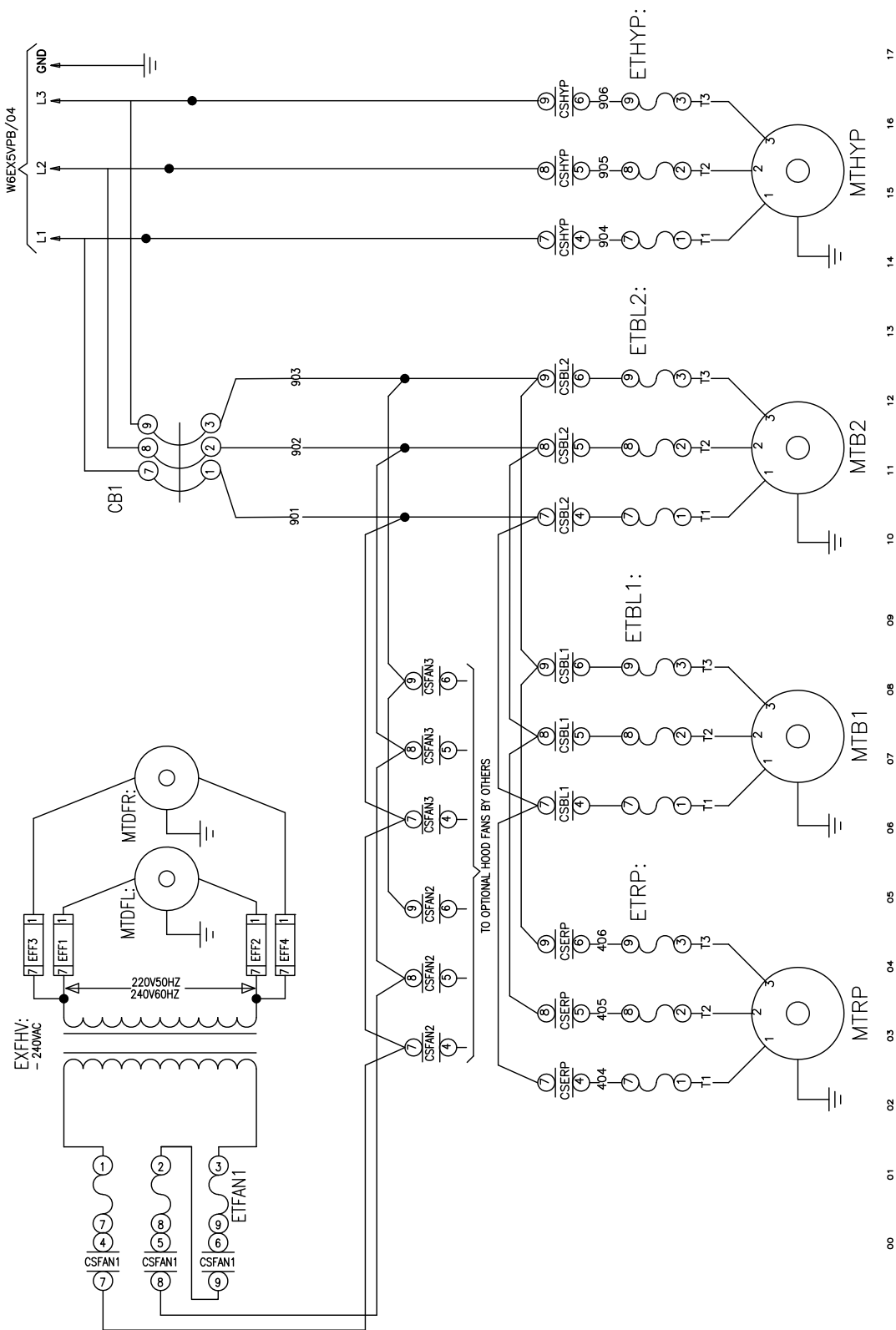
2023402A

17
16
15
14
13
12
11
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00

W6EX5MTAJ

PELLERIN MILNOR CORPORATION

2024334A



CR00 = **single cake**
ケーキ信号

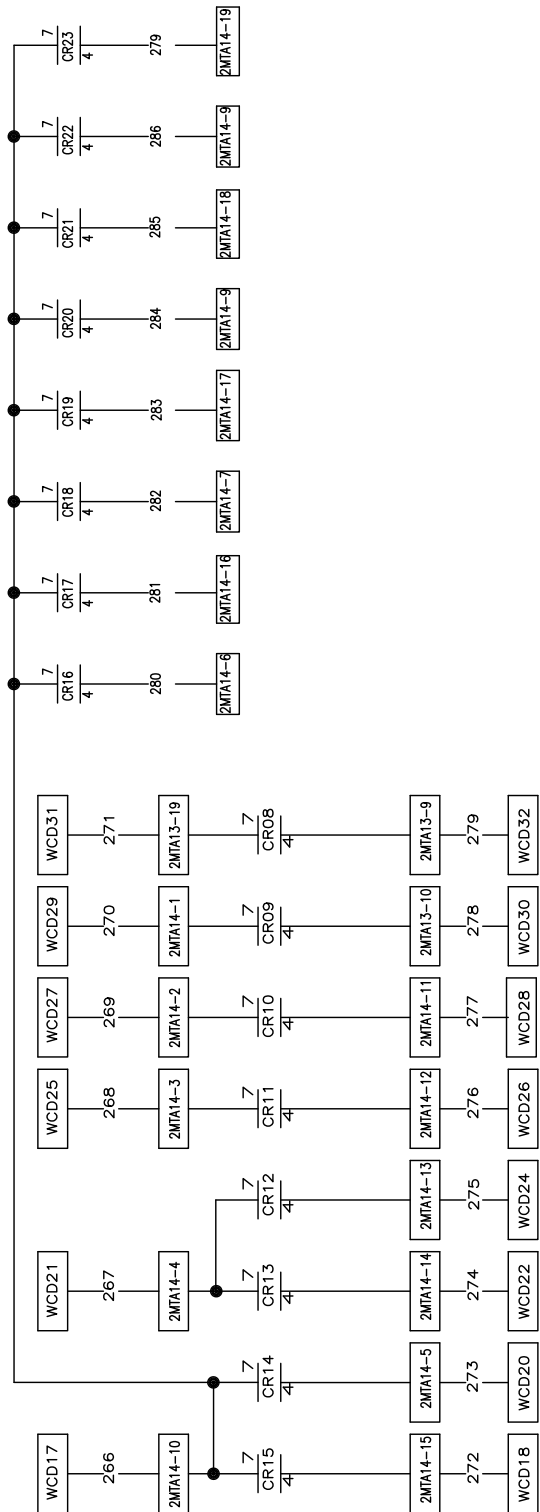
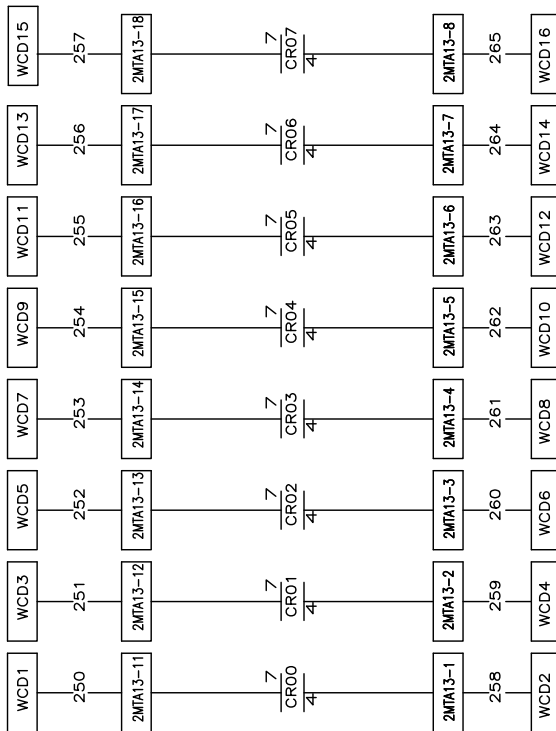
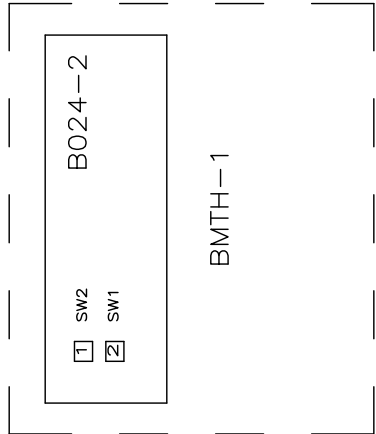
CR01 = **new formula**
新しいコース

CR02 = A
CR03 = B
CR04 = C
CR05 = O
CR06 = Q
CR07 = E
CR08 = L
CR09 = G

CR09 = **new customer**
新規顧客

CR10 = A
CR11 = B
CR12 = C
CR13 = D

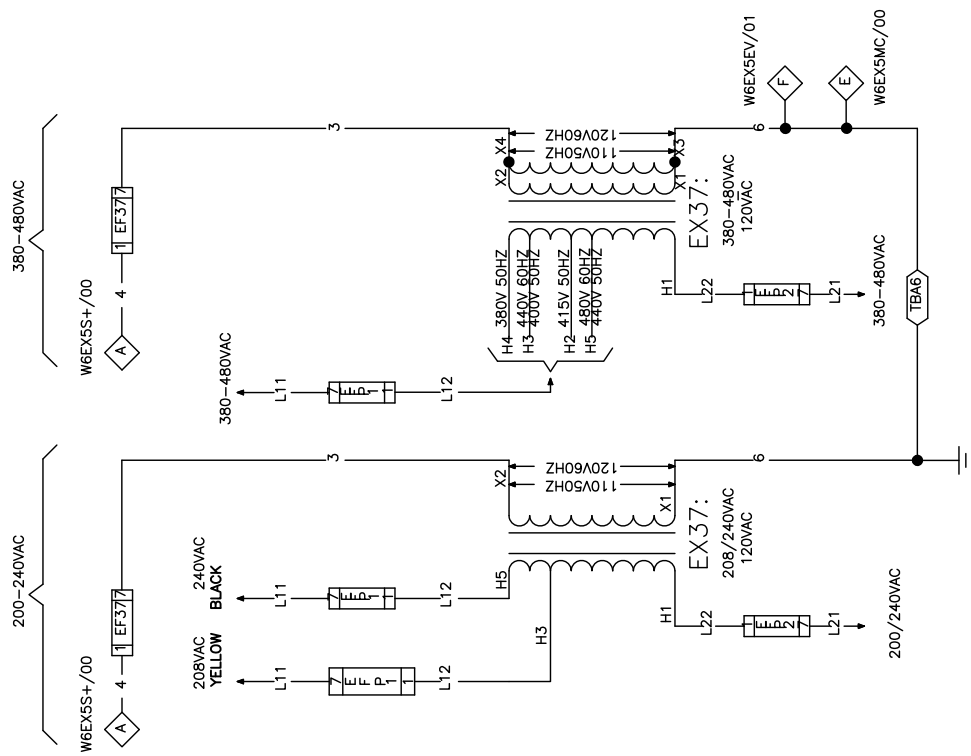
CR14 = 0
CR15 = 1
CR16 = 2
CR17 = 3
CR18 = 4
CR19 = 5
CR20 = 6
CR21 = 7
CR22 = **weight**
重量
CR23 = **not used**
未使用



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

W6EX5PS J

PELLERIN MILNOR CORPORATION

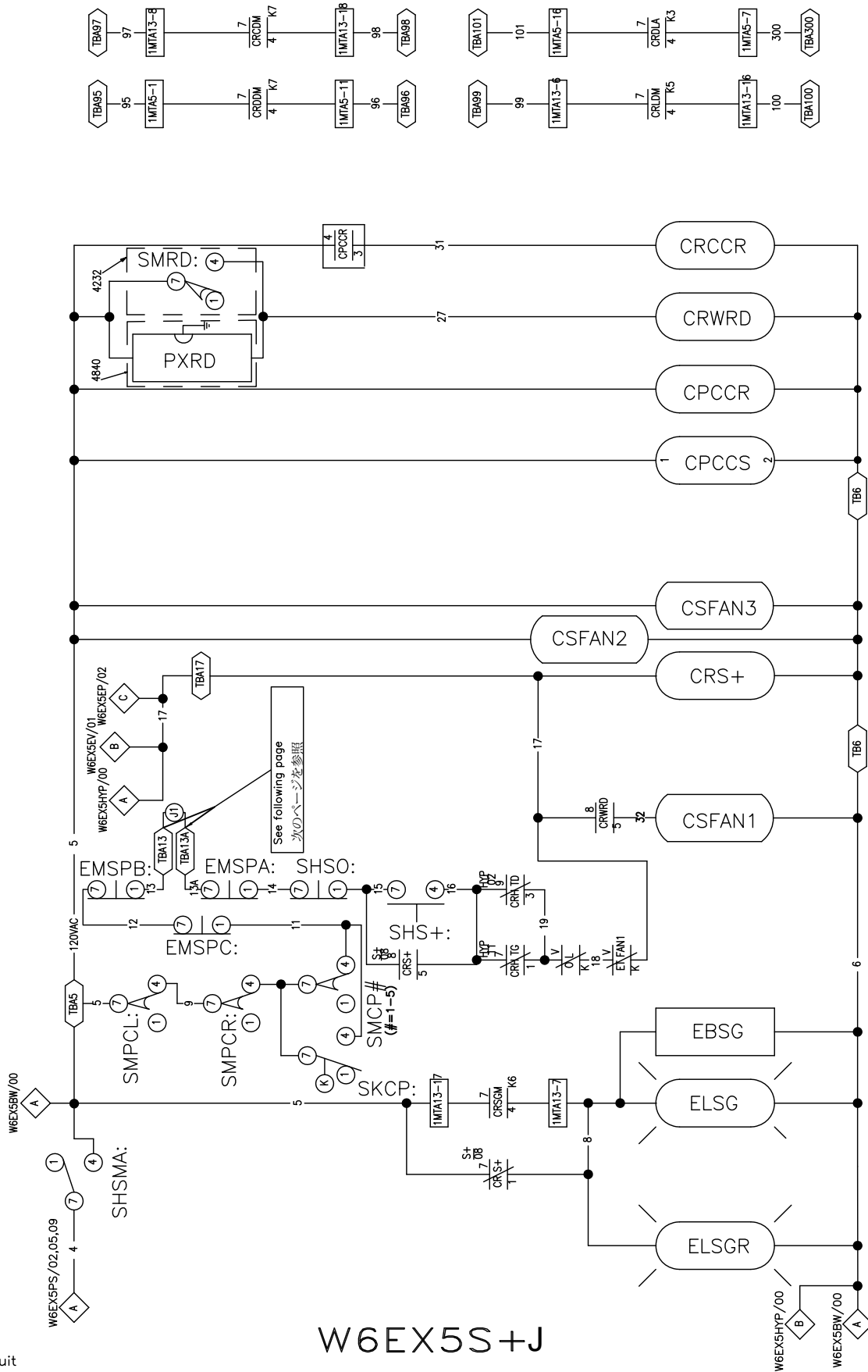


Start Circuit
開始回路

W6EX5S+J

PELLERIN MILNOR CORPORATION

2017212A



See following page
次のページを参照

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

EN-----

Serious bodily injury or death can result to personnel in proximity to machinery/systems that transverse, elevate, extend, pivot, and/or tilt. The following mandatory minimum safety requirements must be installed with this machine:

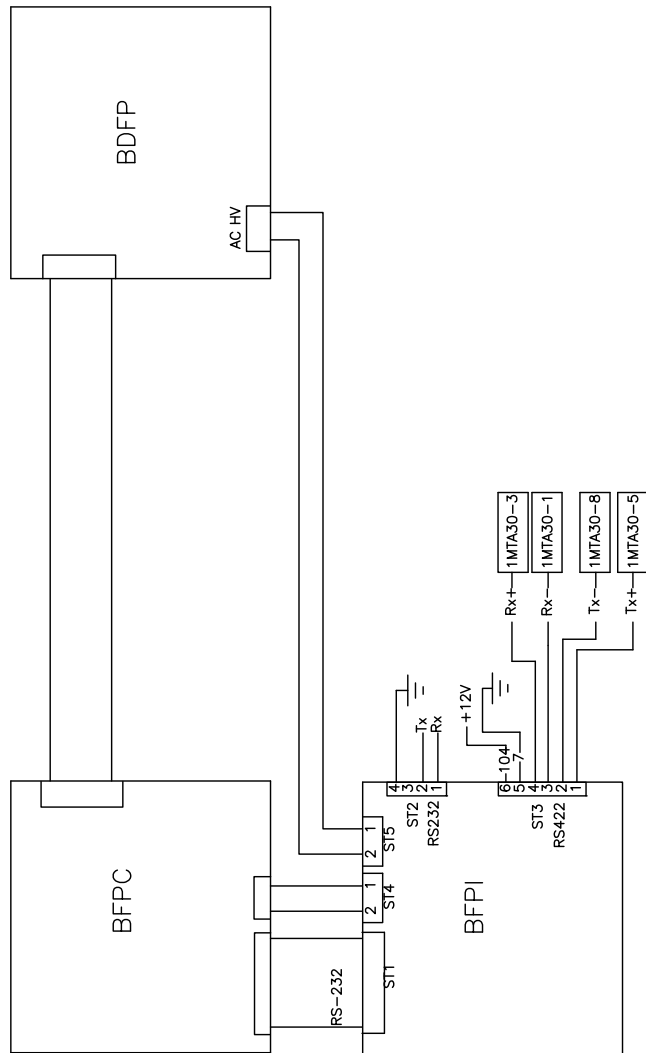
- Safety fence enclosing machine movement areas
 - Lockable electrical interlocks on all gates properly interfaced to the terminals shown here, to disable the machine movement when any gate is opened.
 - Signs to alert personnel to these hazards placed prominently around fenced in area.
- Local codes may have additional requirements.

JP-----

マシン/横システム付近の担当者に重大な身体傷害または死亡、昇格、延長、回転、および/または傾斜。次の必須の最低の安全要件がなければなりませんこのマシンにインストール:

- ・ マシンの移動領域を囲むセキュリティフェンス
- ・ 機能は、端末にも相互接続されたすべてのドアに電氣的インターロックをロック
ドアが開いたときに、ここで示され、機械の動作を無効にします。
- ・ 兆候が顕著領域で囲わすべてにこれらの危険の担当者に警告します。

ローカル・コードは追加の要件を有していてもよいです。

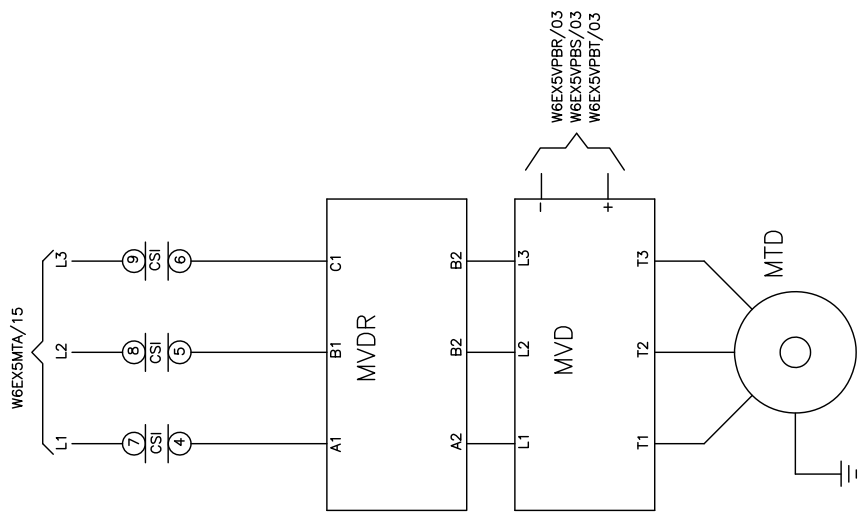


Inverter
インバータ

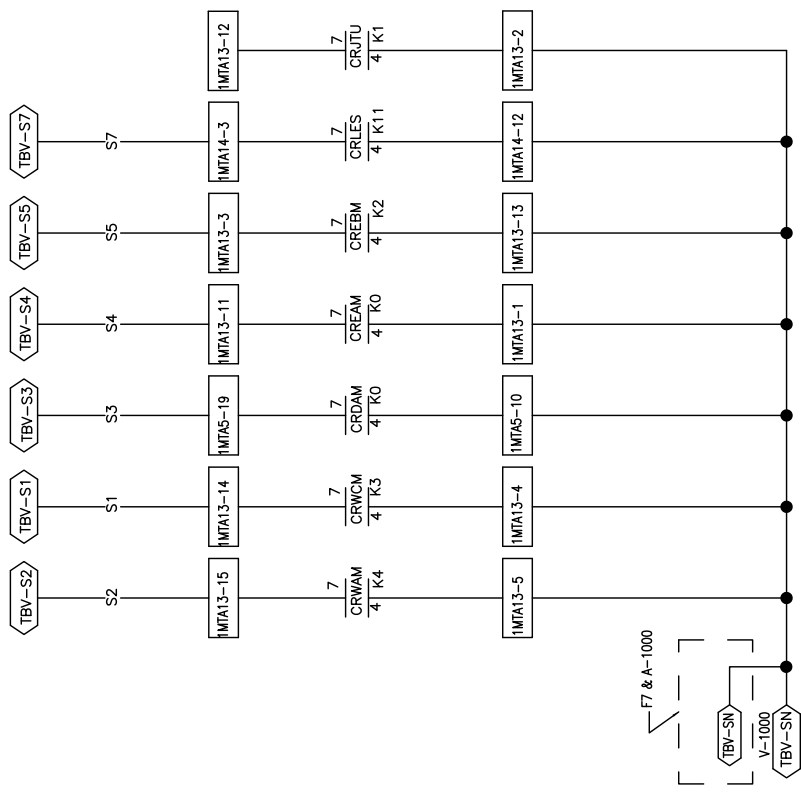
W6EX5VPAJ

PELLERIN MILNOR CORPORATION

2019333A



	CRWAM	CRWCM	CRDAM	CREAM	CREBM
W1	X				
D1	X	X			
E1	X	X	X	X	
E2	X	X	X	X	
E3	X	X	X	X	X
E4	X	X	X	X	X



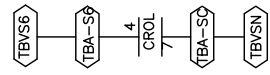
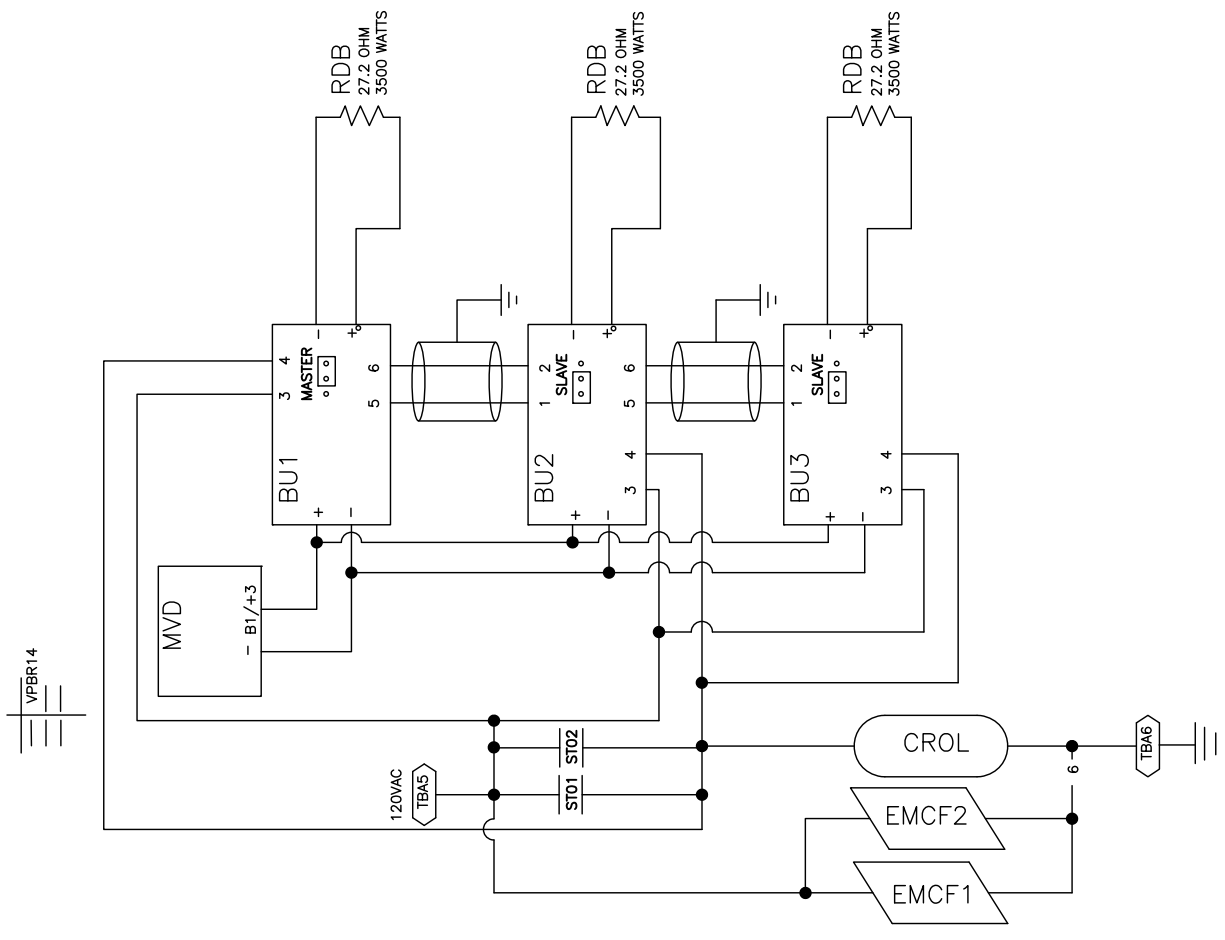
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19

Braking modules—high voltage
 ブレーキモジュール - 高電圧

W6EX5VPBRJ

PELLERIN MILNOR CORPORATION

2022512A



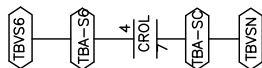
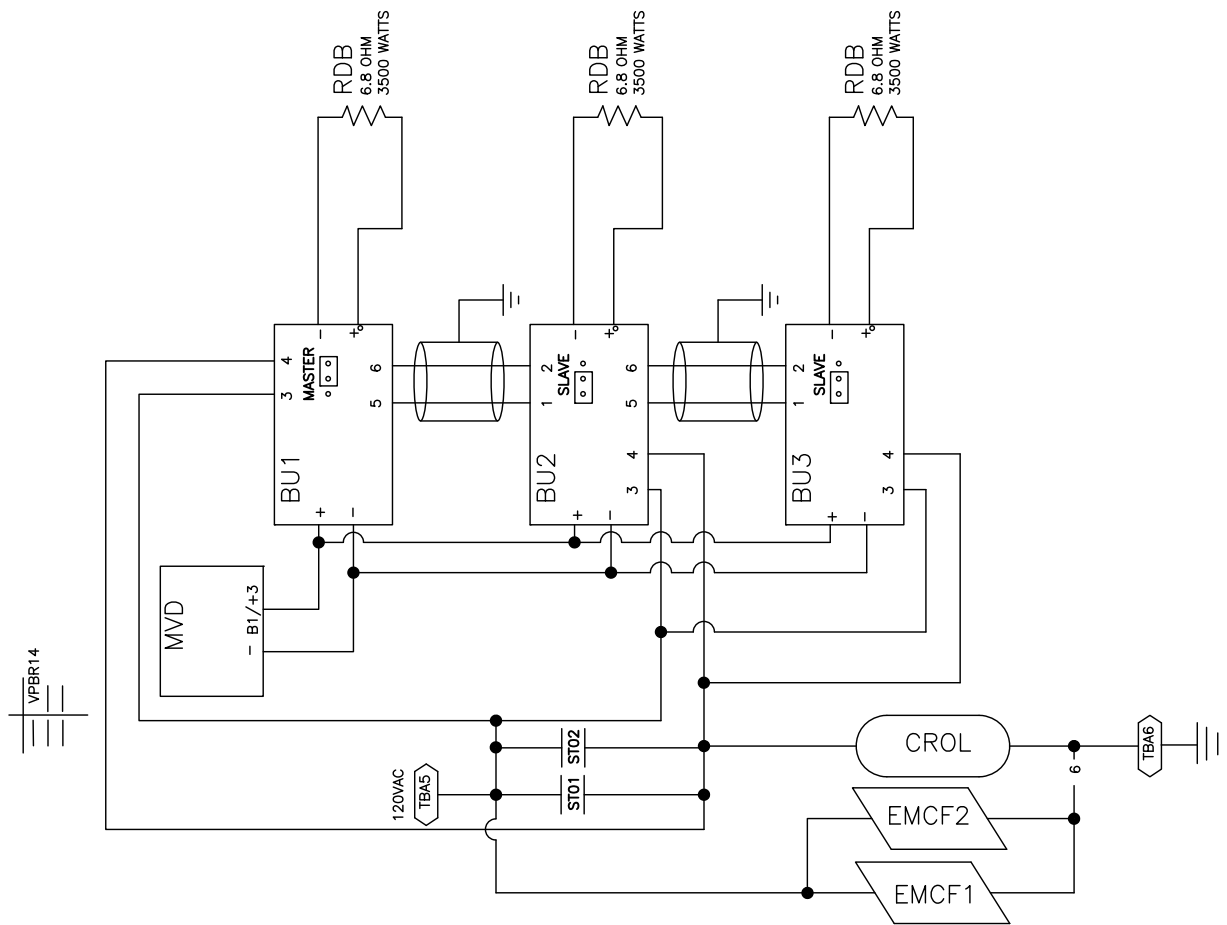
Constant H1-04 must be set to 22.
 コンスタント H1-04は22に設定する必要があります

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

W6EX5VPBS J

PELLERIN MILNOR CORPORATION

2022512A



Constant H1-04 must be set to 22.
コンスタントH1-04は22に設定する必要があります

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

