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I N D E X

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	PC PARAMETER LIST(PCwin)	*** - ***
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CONTROLLER TYPE		GOP-R4X-*****-*****		USER'S NO.					
PLC TYPE		PC10PE-1616P		MACHINE NO.		MESSRS. TOYOTA MOTOR CORPORATION		DRAWING FOR FINAL	
EQUIPMENT TYPE		ARC WELDING CELL		MACHINE NAME		ARC WELDING CELLS GOP-R4X-**38-**-A2-** GOP-R4X-**20-**-A2-**		ELECTRIC CIRCUIT DIAGRAM	
POLARITY		PNP						1 PAGE	
								TOTAL 50 PAGE	
									
									
				APPROVED		CHECKED BY		DESIGNED BY	
								DRAWN BY	
								REMARKS	
SYM		REVISION / DATE / NAME						TOYOPUC PC10PE-1616P NX-SL5500	
				JTEKT CORPORATION		DRAWING NO.		57-80967001-2	

CONTROLLER TYPE

GOP-R4	X	-	IE	20	-	JA	-	A	2	-	C0
1	2		3	4		5		6	7		8

	CONTENTS	CODE
1	ARC WELDING ROBOT CELL EQUIPMENT	GOP-R4
2	MINIMUM TYPE CONTROLLER	X
3	CONFORMITY STANDARD	IE
	THAILAND / INDONASIA	
	INDIA	
	ARGENTINA	
	VENEZUELA	
	SOUTH AFRICA	
	JAPAN	
	TAIWAN	
	AUSTRALIA	
	RUSSIA	
	CHINA	
	MEXICO	
	UK	
	TURKEY	
	FRANCE	
	CZECH REPUBLIC	
	BRAZIL	NR
	U.S.A. / CANADA	UL
4	SPECIAL1 (POWER)	
	380V-440V	
	200V-240V	
5	NAME PLATE OR DESTINATION	
	JAPANESE	
	ENGLISH	
	SOUTH AFRICA	
	PORTUGUESE	
	FRENCH	
	CZECH	
	RUSSIAN	
	CHINESE	
	TAIWAN	
	TURKISH	
	SPANISH	
6	Ver.	A.B.C.--
7	MINOR CHANGE	0.1.2.--
8	OPTION(NEXT PAGE)	

*1:Taiwan and Japan are common Fit to WG3M

USER'S NO.	DEVICE CODE	PAGE
	CONTENTS CONTROLLER TYPE	2
	DRAWING NO. 57-80967001-2	

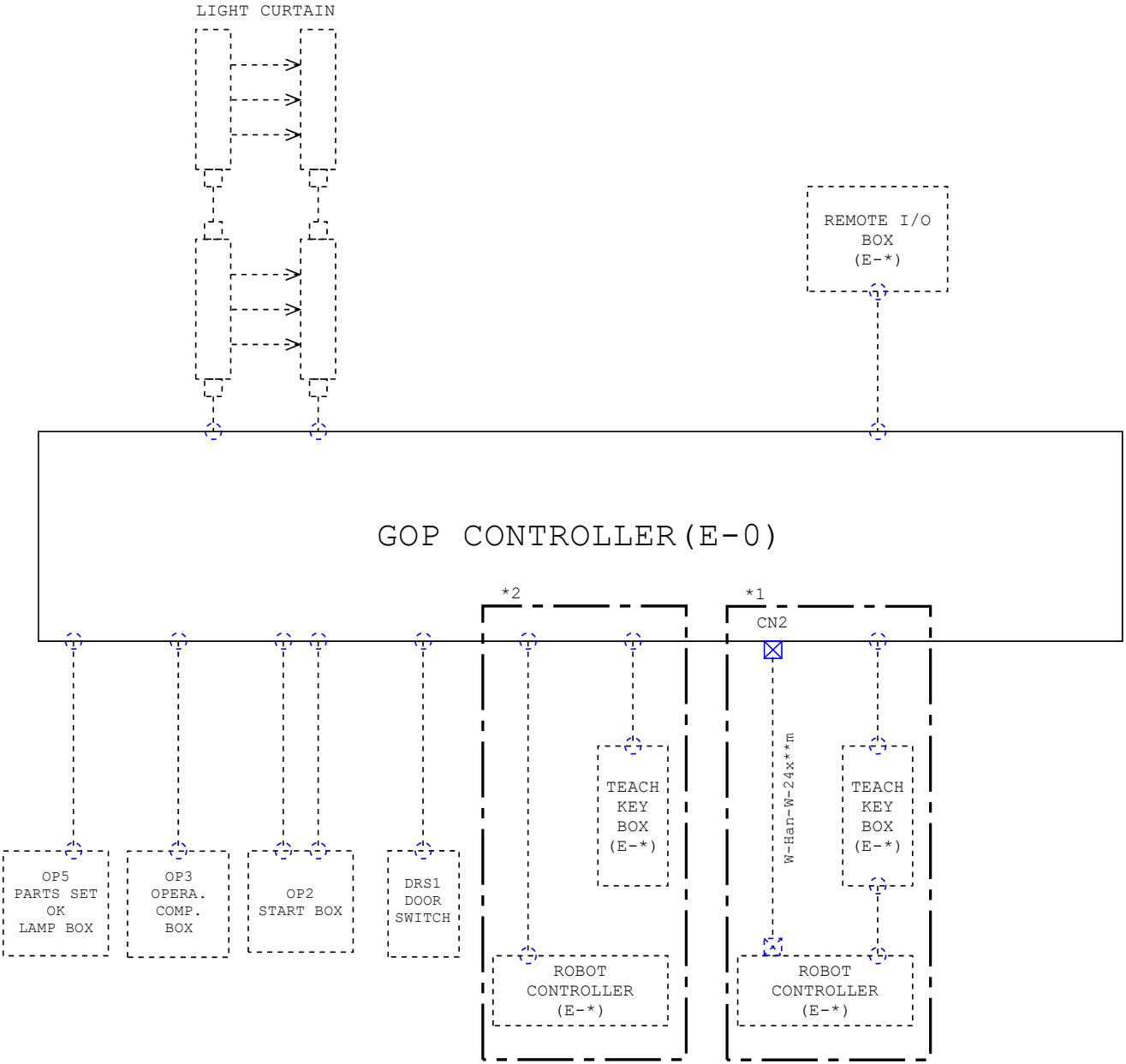
This drawing is held by JTEKT Corporation in strict confidence and shall not be disclosed in whole or part to any third party without prior permission of JTEKT Corporation.

This drawing is held by JTEKT Corporation in strict confidence and shall not be disclosed in whole or part to any third party without prior permission of JTEKT Corporation.

[illegible]

DRAWING NO. OF STANDARD: DRAWING NO.: 57-80967001 OUTPUT: 2024/01/19 UPDATE: 2022/10/14 JTEKT CORPORATION

CONTROLLER CHART



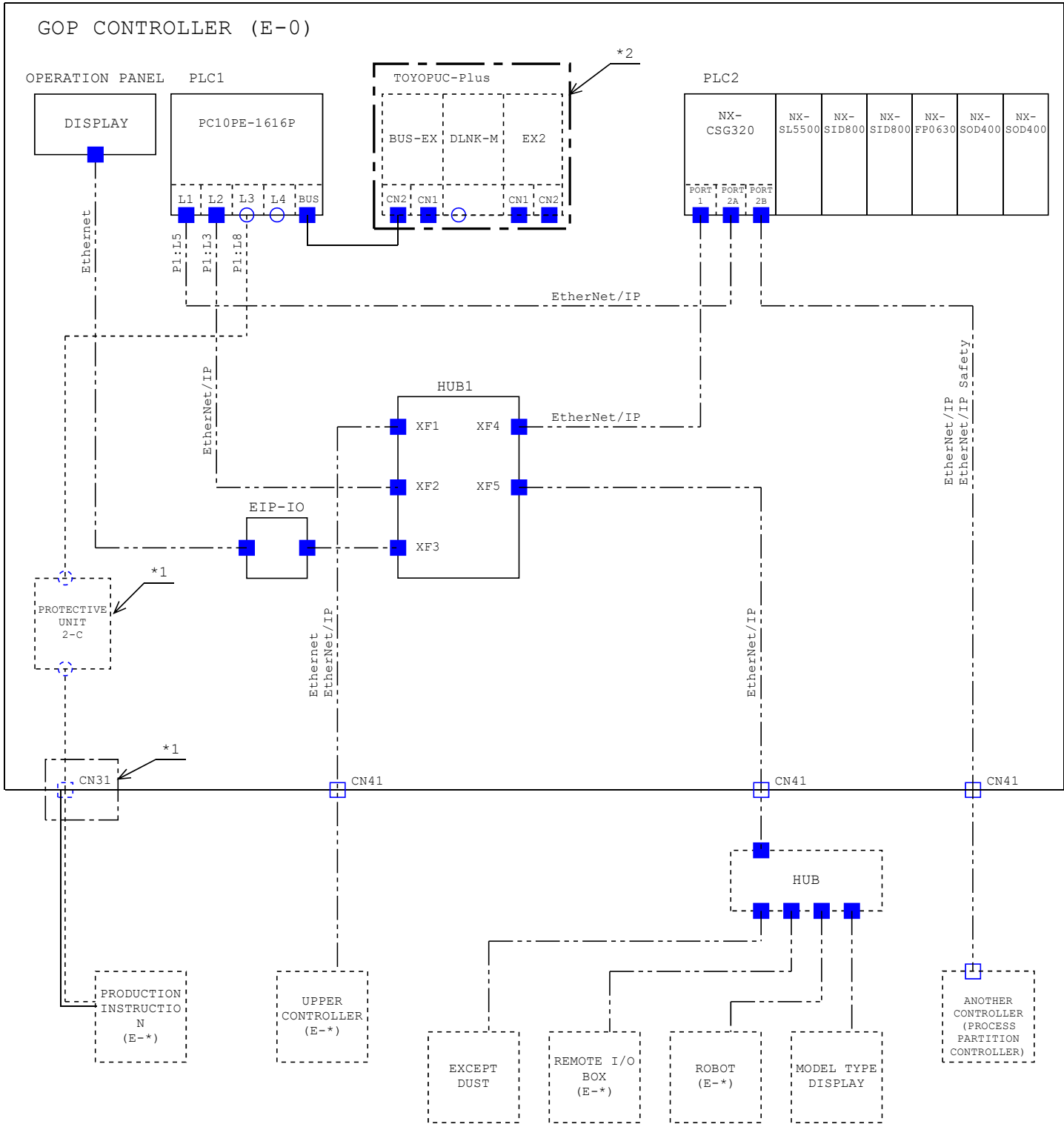
1:OPTION C/D*
2:OPTION E/F*

—:HARD WIRE	 :CONNECTOR CONNECTION
	 :SEAL CONNECTOR

USER'S NO.	DEVICE CODE	PAGE 4
	CONTENTS CONTROLLER CHART	
	DRAWING NO. 57-80967001-2	

COMMUNICATION CHART

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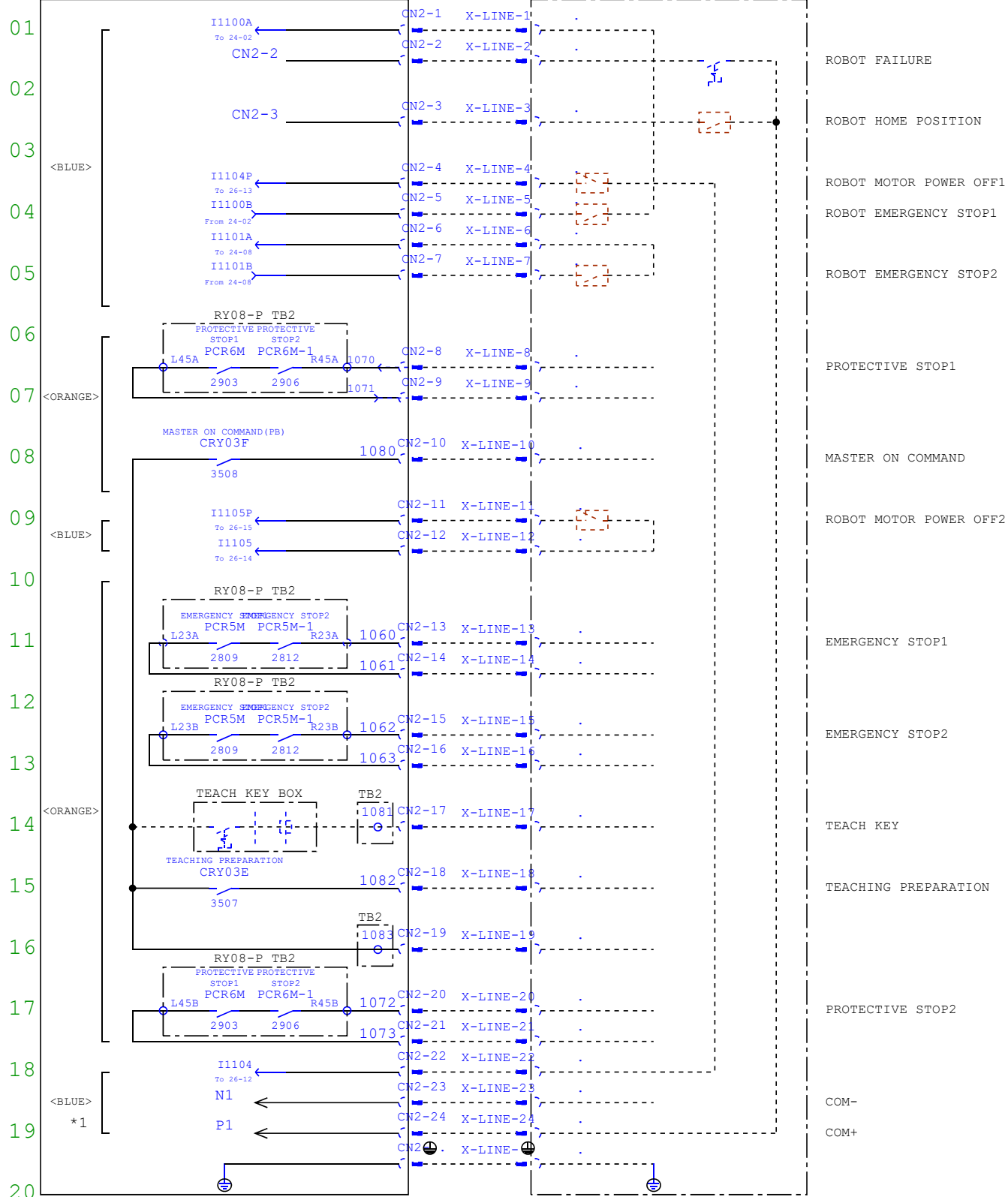
*1:EQUIPMENT MAKER INSTALLATION
*2:OPTION C1/CB/CE/CO/D1/DB/DE/DO/E1/EB/EE/EO/F1/FB/FE/FO

— :HARD WIRE	—○— :TERMINAL CONNECTION
- - - :S-BUS (OPTICAL CABLE)	—■— :CONNECTOR CONNECTION
- · - · :PC/CMP-LINK	—□— :SEAL CONNECTOR
- · - · :SN-I/F	● :TERMINATOR
- · - · :FL-net/Ethernet	
- · - · :FL-REMOTE/EtherNet/IP	
- - - :DLNK	

USER'S NO.	DEVICE CODE	PAGE
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DRAWING NO.		57-80967001-2

GOP CONTROLLER (E-0)

ROBOT CONTROLLER (E-*)

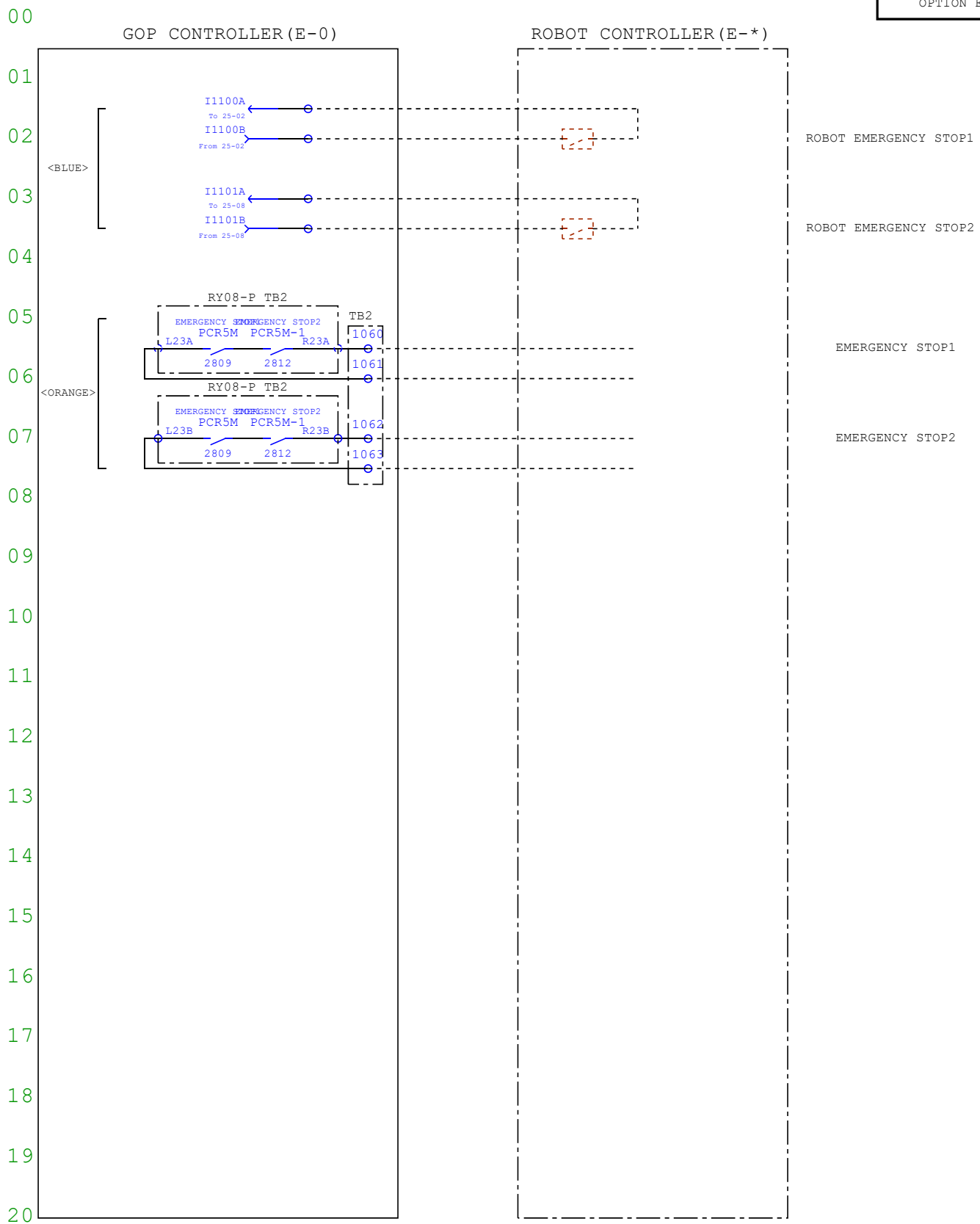


*1:ONLY UL20 BLUE/WHITE

[illegible]

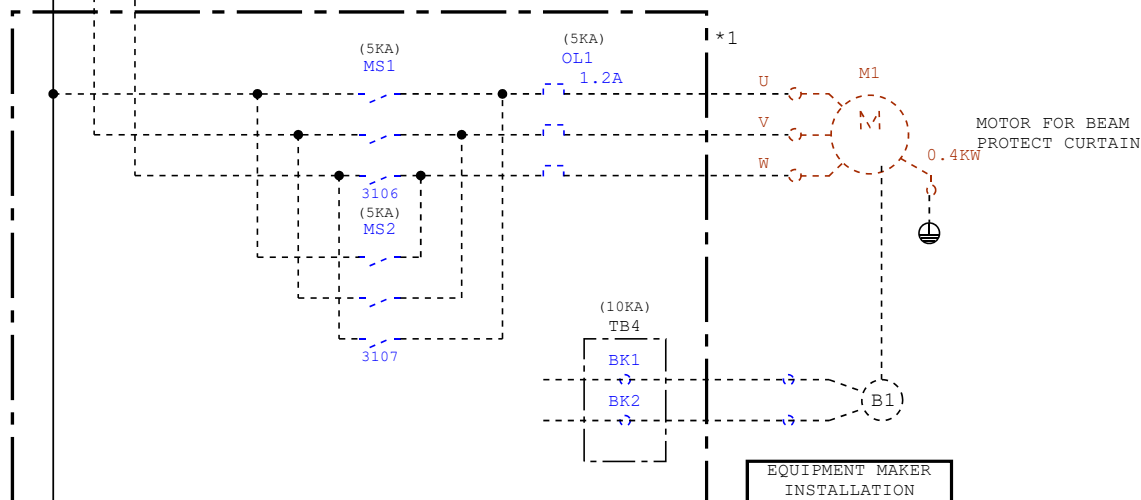
GOP CONTROLLER (E-0)

ROBOT CONTROLLER (E-*)

[illegible][illegible]



WIRE NO.	WIRE SIZE	COLOR
1L1 1L2 1L3	2.5mm ² (AWG14)	BLACK
N	2.5mm ² (AWG14)	LIGHT BLUE
P1 P2M P3MA P3M P4M	0.75mm ² (AWG18)	BLUE
N1	0.75mm ² (AWG18)	BLUE
DC WIRING	0.75mm ² (AWG18)	BLUE
SAFETY PLC I/O	0.75mm ² (AWG18)	BLUE
PLC/I/O	0.2mm ² (AWG24)	BLUE
INTERLOCK	0.75mm ² (AWG18)	ORANGE
	2.5mm ² (AWG14)	GREEN/YELLOW

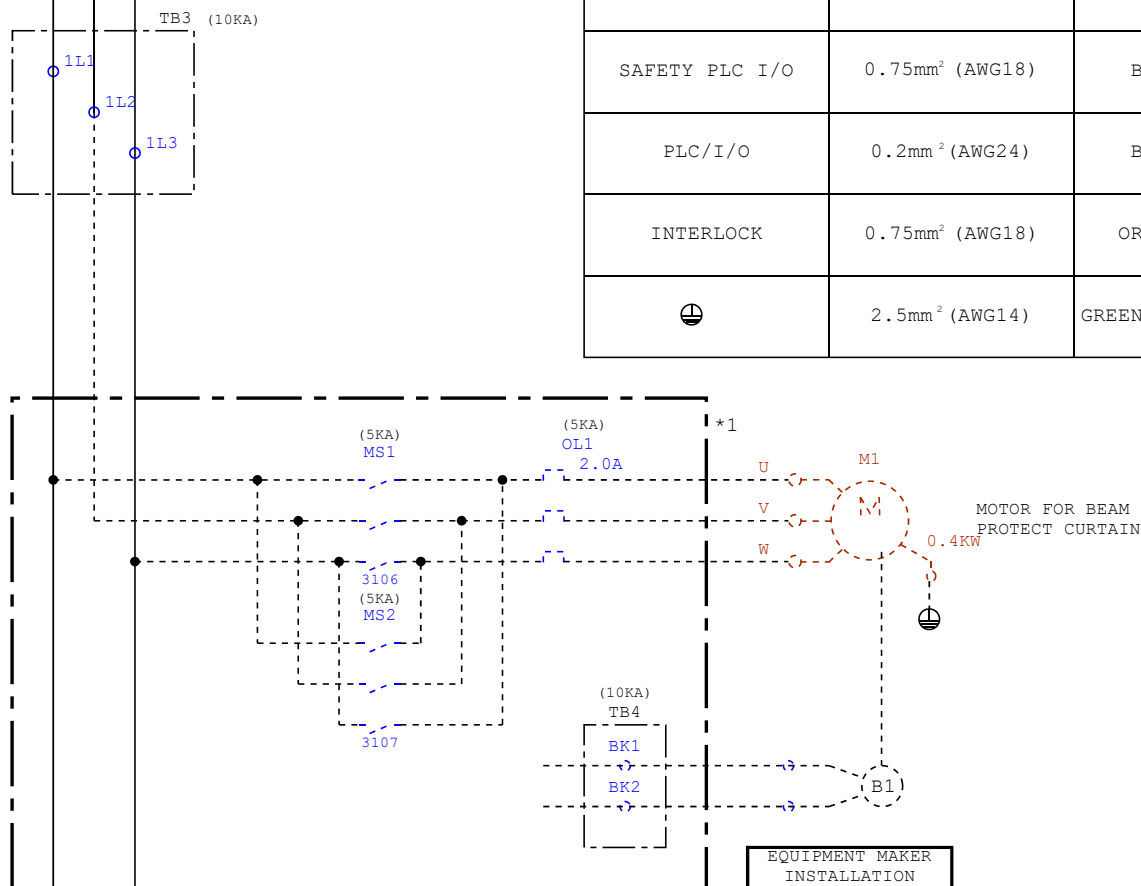


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*1:OPTION C*/E*
```

[illegible][illegible]



WIRE NO.	WIRE SIZE	COLOR
1L1 1L2 1L3	2.5mm ² (AWG14)	BLACK
---	2.5mm ² (AWG14)	LIGHT BLUE
P1 P2M P3MA P3M P4M	0.75mm ² (AWG18)	BLUE
N1	0.75mm ² (AWG18)	BLUE
DC WIRING	0.75mm ² (AWG18)	BLUE
SAFETY PLC I/O	0.75mm ² (AWG18)	BLUE
PLC/I/O	0.2mm ² (AWG24)	BLUE
INTERLOCK	0.75mm ² (AWG18)	ORANGE
	2.5mm ² (AWG14)	GREEN/YELLOW

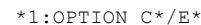


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*1:OPTION C*/E*
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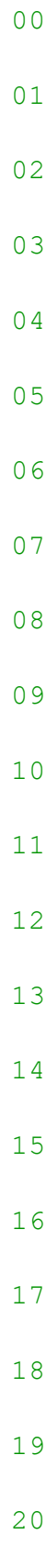
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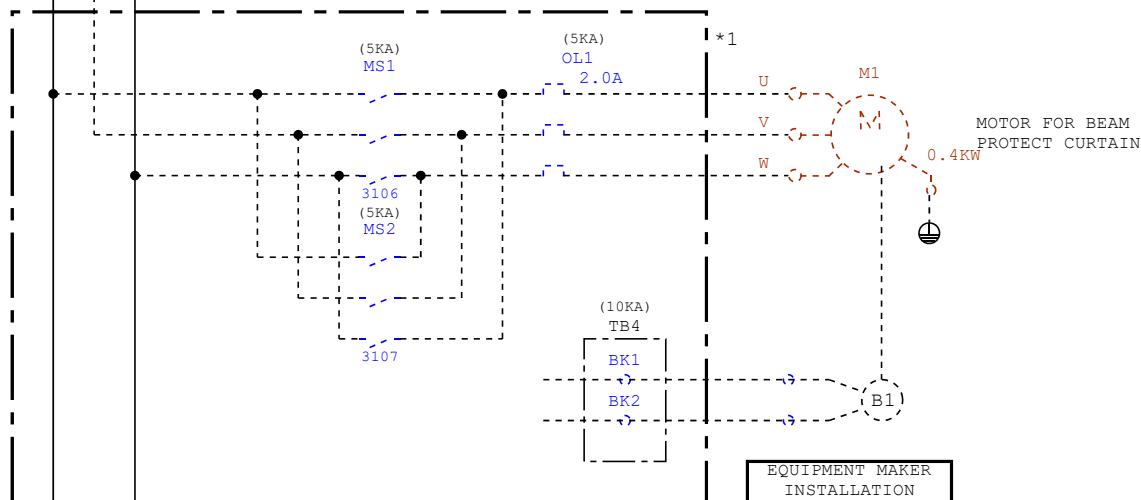
*1 Factory default setting value of control panel (Before modification)



DRAWING NO. OF STANDARD: DRAWING NO.: 57-80967001 OUTPUT: 2024/01/19 UPDATE: 2022/10/14 JTEKT CORPORATION

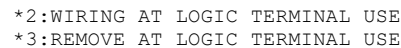


WIRE NO.	WIRE SIZE	COLOR
1L1 1L2 1L3	2.5mm ² (AWG14)	BLACK
---	2.5mm ² (AWG14)	WHITE
P1 P2M P3MA P3M P4M	0.75mm ² (AWG18)	BLUE
N1	0.75mm ² (AWG18)	BLUE/WHITE
DC WIRING	0.75mm ² (AWG18)	BLUE
SAFETY PLC I/O	0.75mm ² (AWG18)	BLUE
PLC/I/O	0.2mm ² (AWG24)	BLUE
INTERLOCK	0.75mm ² (AWG18)	ORANGE
	2.5mm ² (AWG14)	GREEN/YELLOW



1:OPTION C/E*

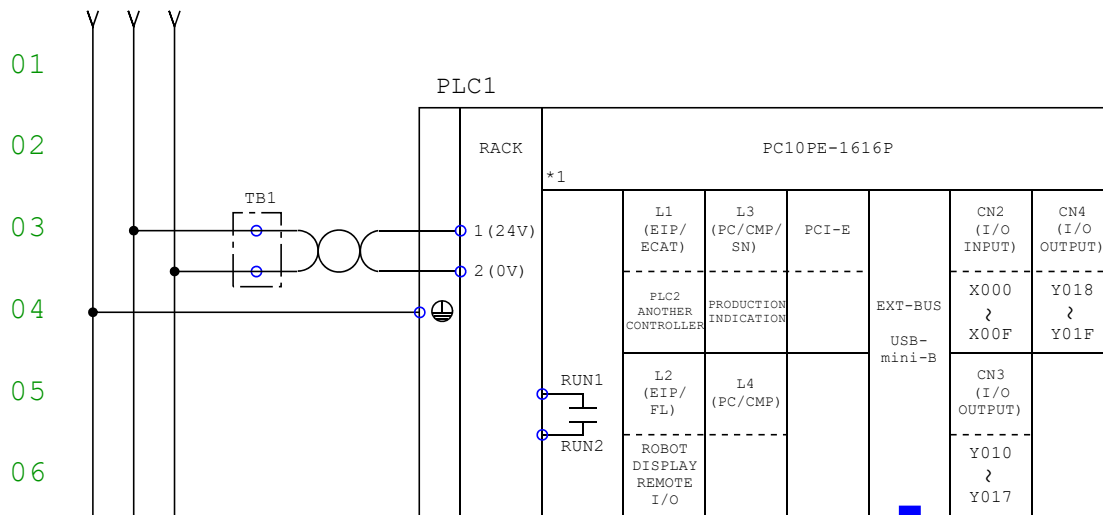
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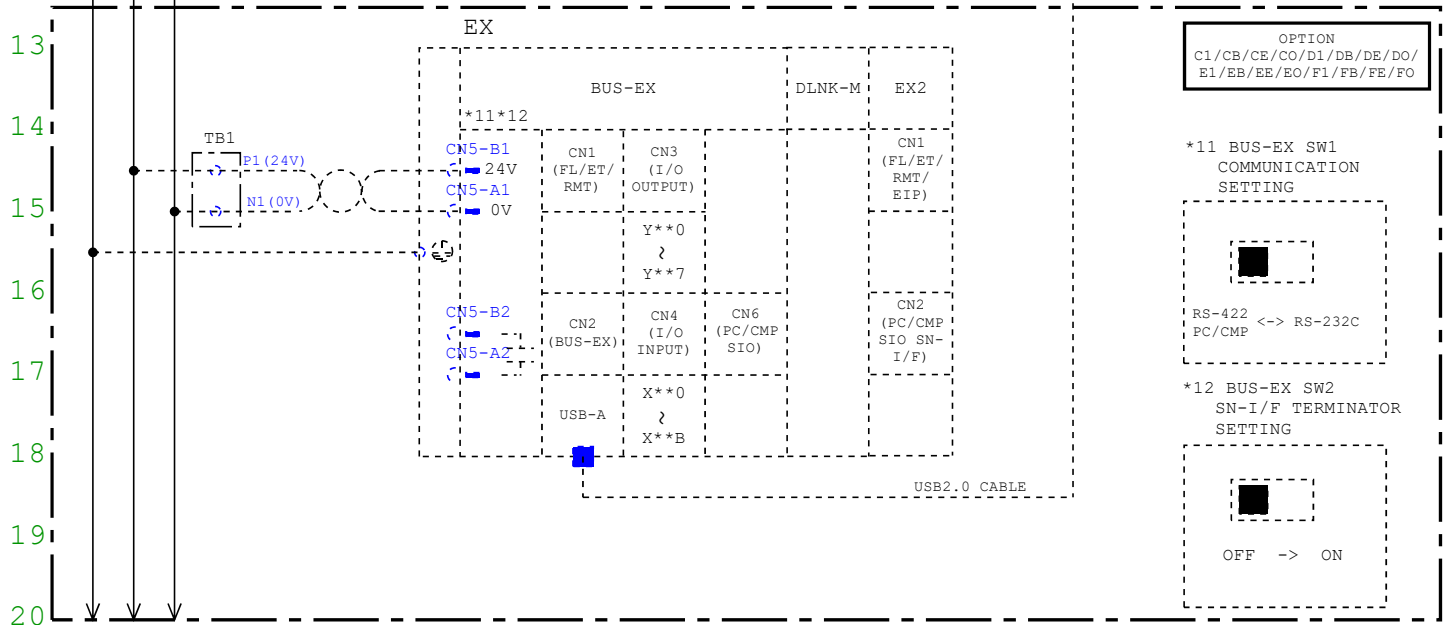
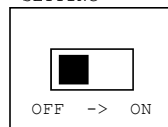
	*1
GOP-**38	N
GOP-**20	1L3
GOP-UL20	1L3

[illegible]

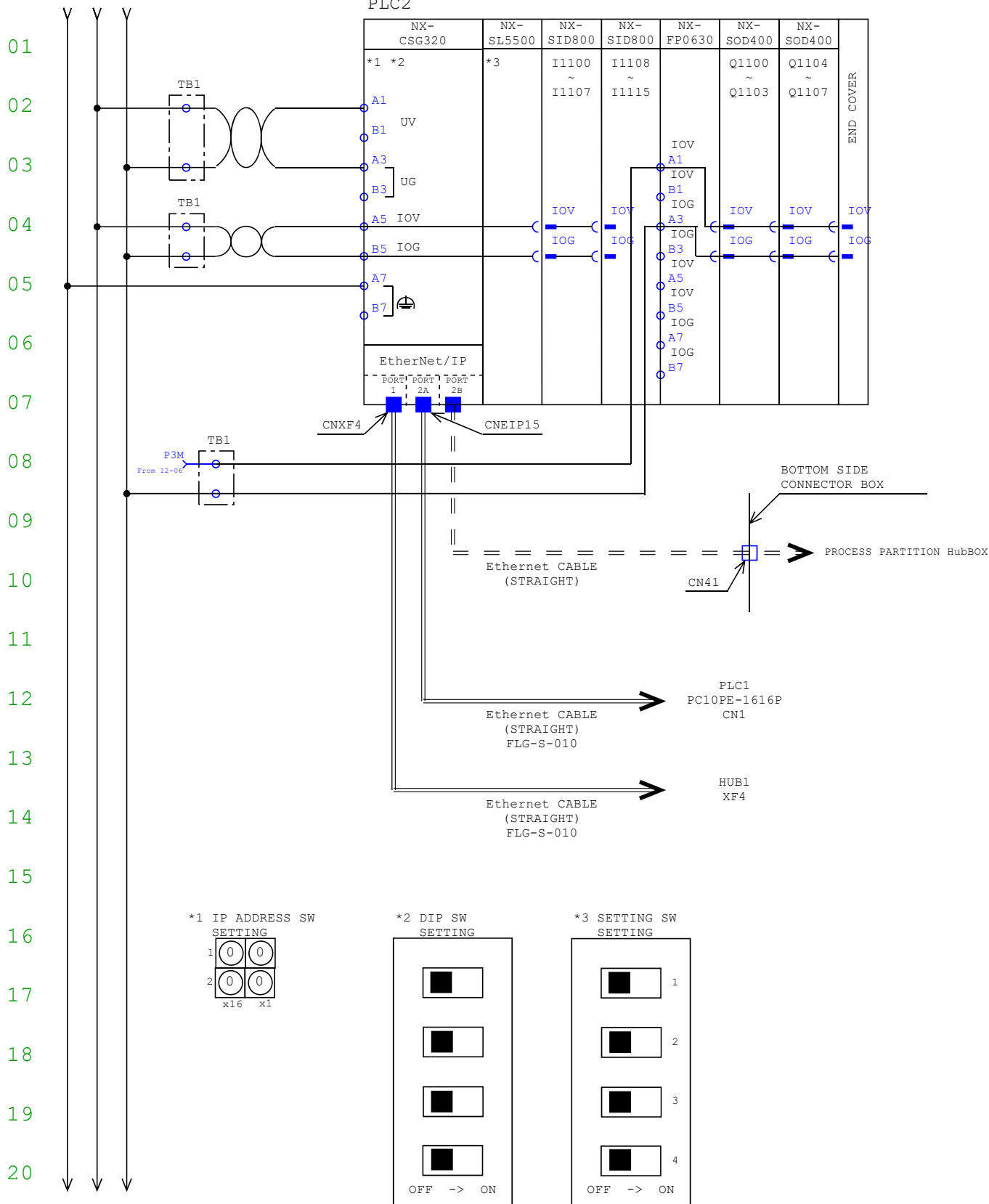
00  P1 N1 (DC24V)



*1 SN-I/F TERMINATOR
SETTING

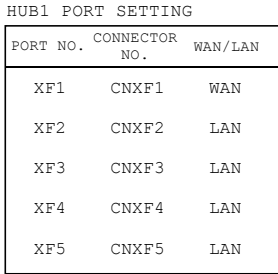
[illegible][illegible]

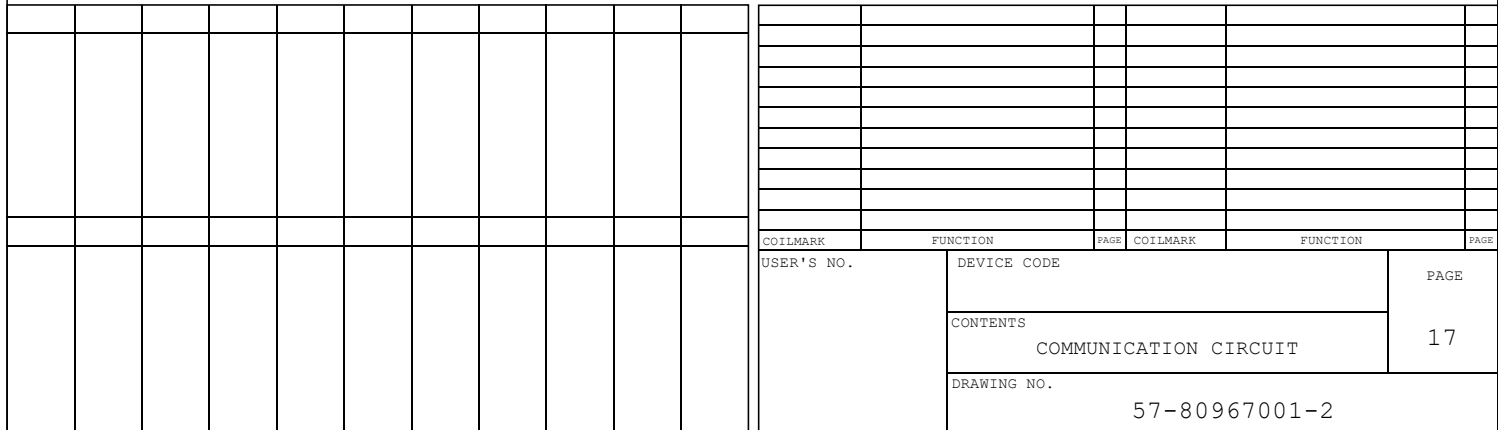
00 P1 N1 (DC24V)

[illegible]

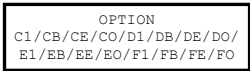


DRAWING NO. OF STANDARD: DRAWING NO.: 57-80967001 OUTPUT: 2024/01/19 UPDATE: 2022/10/14 JTEKT CORPORATION

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DRAWING NO. OF STANDARD: DRAWING NO.: 57-80967001 OUTPUT: 2024/01/19 UPDATE: 2022/10/14 JTEKT CORPORATION

OPTION
C1/CB/CE/CO/D1/DB/DE/DO/
E1/EB/EE/EO/F1/FB/FE/FO

TOYOPUC-Plus
BUS-EX

CN1
(FL/ET/RMT)

CN6
(PC/CMP/SIO)

L+ A1
L- A2
SG A3
FG A4

TxD B1
RxD B2
SG B3
FG B4

[illegible][illegible]

TOYOPUC-Plus
DLNK-M

V+
CAN-H
DRAIN
CAN-L
V-

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[illegible]

TOYOPUC-Plus
EX2

CN1
(FL/ET/RMT
/EIP)

CN2
(PC/CMP/SN)

$$L + \frac{A1}{\dots}$$

L-A2、

SGA3

FG^{A4}

TxD^{B1}、

RxDB^{B2}

SG B3

FG B4

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[illegible][illegible]

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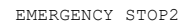


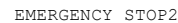
LIGHT CURTAIN1 OSSD1

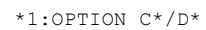
LIGHT CURTAIN1 OSSD2

[illegible]

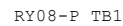
The diagram illustrates the main power supply and emergency stop circuit. It features two main power lines: P2M (DC24V) and P1 (DC24V). P2M is connected to N1 and has a power switch PL11. P1 is connected to N1 and has a power switch PL1. The emergency stop circuit (PBL19) is connected to N1 and has a power switch PL19. The emergency stop circuit is composed of two parallel branches: one with a normally open contact (OP2) and a normally closed contact (N1), and another with a normally open contact (DRS1) and a normally closed contact (N1). The emergency stop circuit is connected to the emergency stop power supply (PBL19).





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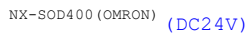
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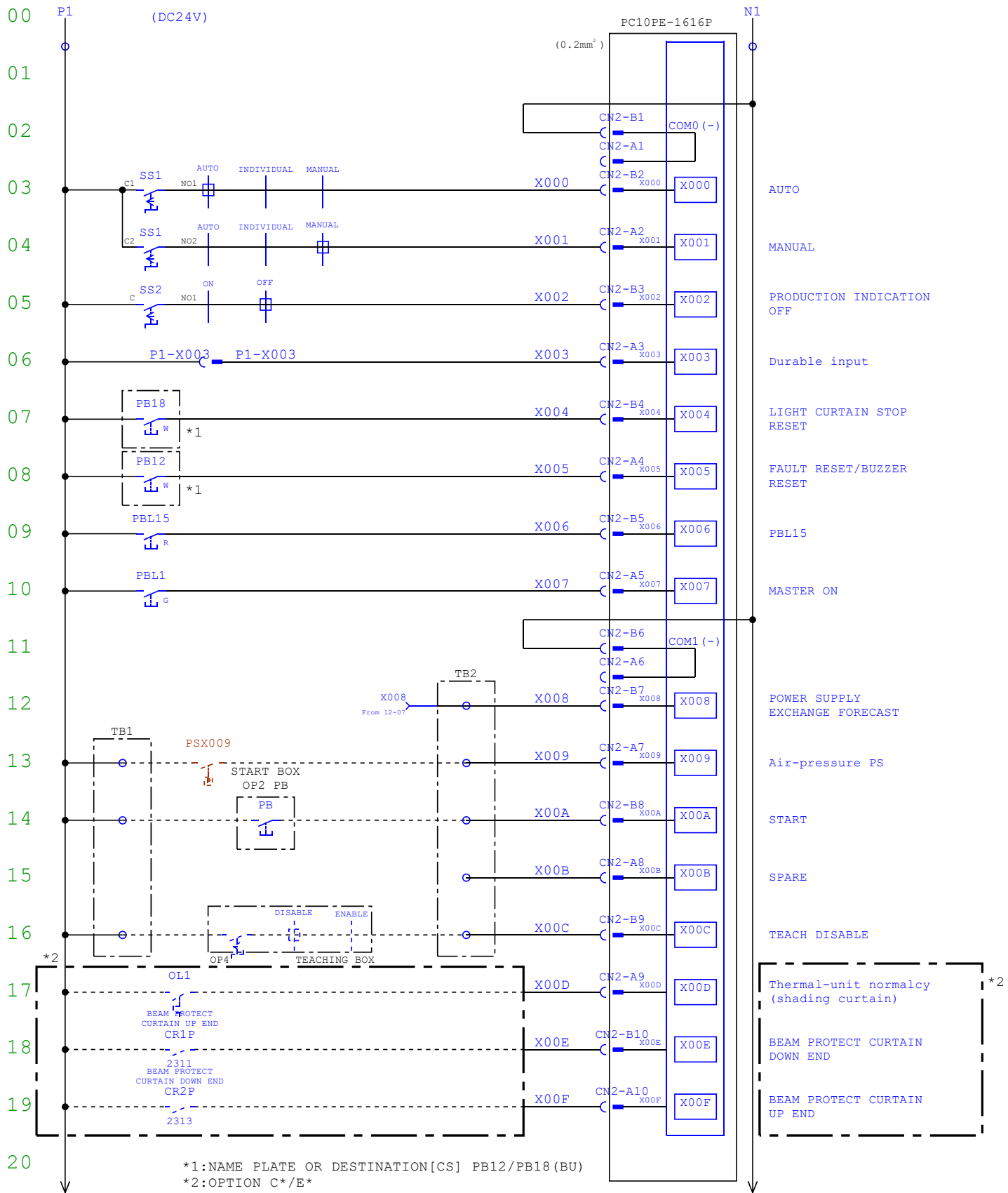


EMERGENCY STOP2

JTEKT CORPORATION

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JTEKT CORPORATION



X000	X001	X002	X003	X004	X005	X006	X007	X008	X009	X00A
X00B	X00C	X00D	X00E	X00F						

COILMARK

FUNCTION

PAGE

COILMARK

FUNCTION

PAGE

USER'S NO.

DEVICE CODE

CONTENTS

DRAWING NO.

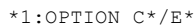
PAGE

30

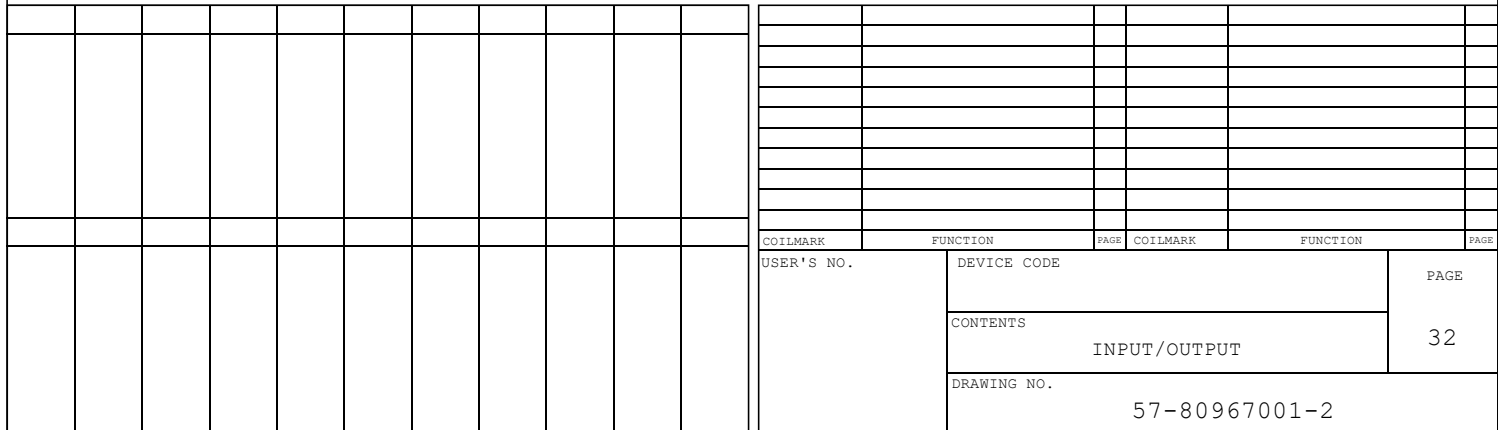
INPUT/OUTPUT

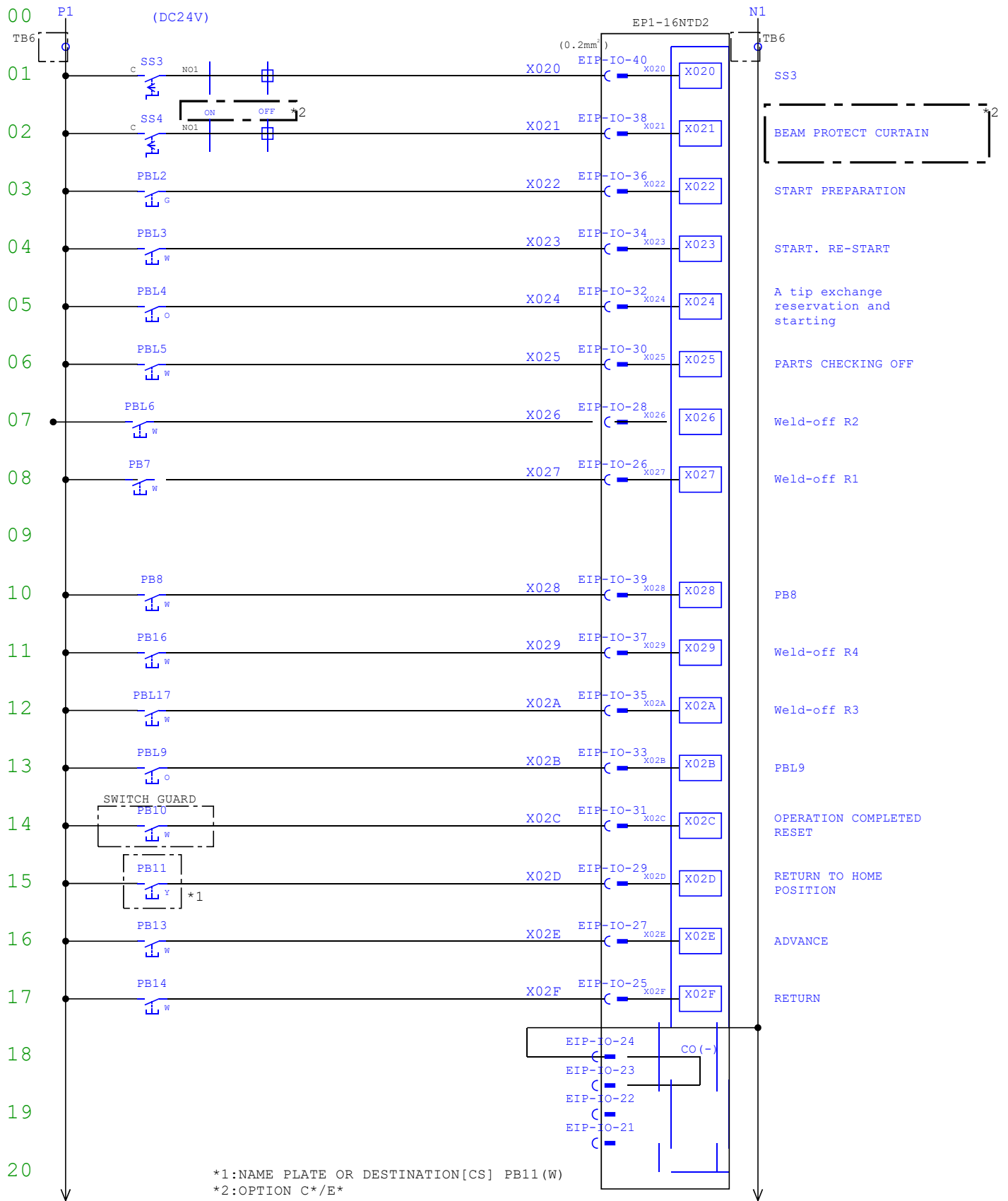
57-80967001-2

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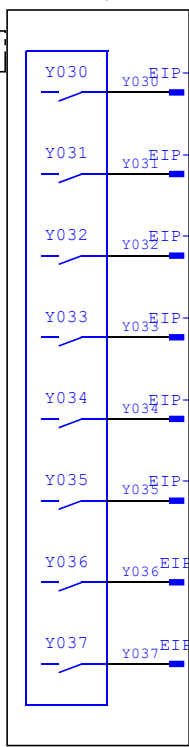
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[illegible]

EP1-16NTD2

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(0.2mm²)

IO-20_{Y030}

IO-18_Y031

IO-16_Y032

IO-14_Y033

IO-12Y034

IO-10_{Y035}

9-10-8 Y036

9-10-6 Y037

PL2

W

PL3

W

PL4

FG

⑤

PL6



Y

PL7

PT 8



W

PBL2



N1

TB6

AIR

AUTO

HOME POSITION

OPERATION COMPLETED

PL6

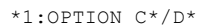
ALARM

LIGHT CURTAIN READY

START PREPARATION

*1: NAME PLATE OR DESTINATION[CS] PL7(R)

[illegible][illegible]



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CONNECTOR LIST(PC10PE-1616P)

B1B2B3B4 A1A2A3A4			
CN1			
PC10PE-1616P			
REC-HOUSING 1-1827864-4 (TYCO ELECTRONICS)			
PIN NO.	WIRE NO.	PIN NO.	WIRE NO.
A1	P1L8+	B1	
A2	P1L8-	B2	
A3	P1L80V	B3	
A4		B4	

B1B2.....B10 A1A2.....A10			
CN2			
PC10PE-1616P			
REC-HOUSING 1-1827864-0 (TYCO ELECTRONICS)			
PIN NO.	WIRE NO.	PIN NO.	WIRE NO.
A1	CN2-A1	B1	N1(COM0)
A2	X001	B2	X000
A3	X003	B3	X002
A4	X005	B4	X004
A5	X007	B5	X006
A6	CN2-A6	B6	N1(COM1)
A7	X009	B7	X008
A8	X00B	B8	X00A
A9	X00D	B9	X00C
A10	X00F	B10	X00E

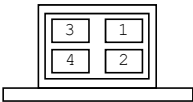
B1B2.....B6 A1A2.....A6			
CN3			
PC10PE-1616P			
REC-HOUSING 1-1827864-6 (TYCO ELECTRONICS)			
PIN NO.	WIRE NO.	PIN NO.	WIRE NO.
A1	CN3-A1	B1	N1(PWR2)
A2	CN3-A2	B2	P1(COM2)
A3	Y011	B3	Y010
A4	Y013	B4	Y012
A5	Y015	B5	Y014
A6	Y017	B6	Y016

B1B2.....B6 A1A2.....A6			
CN4			
PC10PE-1616P			
REC-HOUSING 1-1827864-6 (TYCO ELECTRONICS)			
PIN NO.	WIRE NO.	PIN NO.	WIRE NO.
A1	CN4-A1	B1	N1(PWR3)
A2	CN4-A2	B2	P1(COM3)
A3	Y019	B3	Y018
A4	Y01B	B4	Y01A
A5	Y01D	B5	Y01C
A6	Y01F	B6	Y01E

CONNECTOR NO.
DESTINATION
CONNECTOR FORM

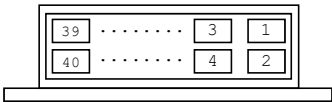
USER'S NO.	DEVICE CODE	PAGE
	CONTENTS CONNECTOR LIST	36
	DRAWING NO. 57-80967001-2	

CONNECTOR LIST (EP1-16NTD2)



CONNECTOR NO.
DESTINATION
CONNECTOR FORM

-			
EP1-16NTD2			
-			
PIN NO.	WIRE NO.	PIN NO.	WIRE NO.
3	P1	1	N1
4		2	



EIP-IO			
EP1-16NTD2			
HOUSING XG5N-401 (OMRON)			
PIN NO.	WIRE NO.	PIN NO.	WIRE NO.
1	EIP-1	2	P1
3	EIP-3	4	N1 (OUT.COM)
5	Y03F	6	Y037
7	Y03E	8	Y036
9	Y03D	10	Y035
11	Y03C	12	Y034
13	Y03B	14	Y033
15	Y03A	16	Y032
17	Y039	18	Y031
19	Y038	20	Y030
21		22	
23	EIP-23	24	P1 (IN.COM)
25	X02F	26	X027
27	X02E	28	X026
29	X02D	30	X025
31	X02C	32	X024
33	X02B	34	X023
35	X02A	36	X022
37	X029	38	X021
39	X028	40	X020

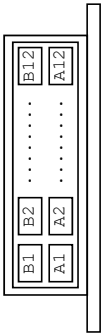
USER'S NO.	DEVICE CODE	PAGE
	CONTENTS CONNECTOR LIST	37
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CONNECTOR LIST (RY08-P)

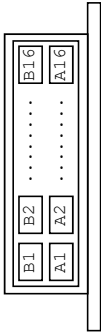
TERMINAL BLOCK NO.

DESTINATION

CONNECTOR FORM



TB2					
RY08-P					
-					
PIN NO.	WIRE NO.	RELAY NO.	PIN NO.	WIRE NO.	RELAY NO.
B12	L01A	PCR2M PCR2M-1	A12	R01A	PCR2M PCR2M-1
B11	L01B		A11	R01B	
B10	L01C		A10	R01C	
B9	L23A	PCR5M PCR5M-1	A9	R23A	PCR5M PCR5M-1
B8	L23B		A8	R23B	
B7	L23C		A7	R23C	
B6	L45A	PCR6M PCR6M-1	A6	R45A	PCR6M PCR6M-1
B5	L45B		A5	R45B	
B4	L45C		A4	R45C	
B3	L67A	PCR7M PCR7M-1	A3	R67A	PCR7M PCR7M-1
B2	L67B		A2	R67B	
B1	L67C		A1	R67C	



TB1					
RY08-P					
-					
PIN NO.	WIRE NO.	RELAY NO.	PIN NO.	WIRE NO.	RELAY NO.
B16	L0RC	PCR2M	A16	R0RC	PCR2M
B15	L1RC	PCR2M-1	A15	R1RC	PCR2M-1
B14	L2RC	PCR5M	A14	R2RC	PCR5M
B13	L3RC	PCR5M-1	A13	R3RC	PCR5M-1
B12	L4RC	PCR6M	A12	R4RC	PCR6M
B11	L5RC	PCR6M-1	A11	R5RC	PCR6M-1
B10	L6RC	PCR7M	A10	R6RC	PCR7M
B9	L7RC	PCR7M-1	A9	R7RC	PCR7M-1
B8	L0RB	PCR2M	A8	R0RB	PCR2M
B7	L1RB	PCR2M-1	A7	R1RB	PCR2M-1
B6	L2RB	PCR5M	A6	R2RB	PCR5M
B5	L3RB	PCR5M-1	A5	R3RB	PCR5M-1
B4	L4RB	PCR6M	A4	R4RB	PCR6M
B3	L5RB	PCR6M-1	A3	R5RB	PCR6M-1
B2	L6RB	PCR7M	A2	R6RB	PCR7M
B1	L7RB	PCR7M-1	A1	R7RB	PCR7M-1

USER'S NO.

DEVICE CODE

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CONTENTS

CONNECTOR LIST

38

DRAWING NO.

57-80967001-2

CONNECTOR LIST (TOYOPUC-Plus BUS-EX)

OPTION
C1/CB/CE/CO/D1/DB/DE/DO/
E1/EB/EE/EO/F1/FB/FE/FO

B1

B2

.....

B6

A1

A2

.....

A6

CN3

TOYOPUC-Plus BUS-EX

REC-HOUSING 1-1827864-6
(TYCO ELECTRONICS)

PIN NO.	WIRE NO.	PIN NO.	WIRE NO.
A1		B1	
A2		B2	
A3		B3	
A4		B4	
A5		B5	
A6		B6	

B1

B2

.....

B10

A1

A2

.....

A10

CN4

TOYOPUC-Plus BUS-EX

REC-HOUSING 1-1827864-0
(TYCO ELECTRONICS)

PIN NO.	WIRE NO.	PIN NO.	WIRE NO.
A1		B1	
A2		B2	
A3		B3	
A4		B4	
A5		B5	
A6		B6	
A7		B7	
A8		B8	
A9		B9	
A10		B10	

B1

B2

A1

A2

CN5

TOYOPUC-Plus BUS-EX

REC-HOUSING 1-1827864-2
(TYCO ELECTRONICS)

PIN NO.	WIRE NO.	PIN NO.	WIRE NO.
A1	N1	B1	P1
A2		B2	

B1

B2

B3

B4

A1

A2

A3

A4

CN6

TOYOPUC-Plus BUS-EX

REC-HOUSING 1-1827864-4
(TYCO ELECTRONICS)

PIN NO.	WIRE NO.	PIN NO.	WIRE NO.
A1		B1	
A2		B2	
A3		B3	
A4		B4	

CONNECTOR NO.

DESTINATION

CONNECTOR FORM

CONNECTOR NO.

DESTINATION

CONNECTOR FORM

USER'S NO.	DEVICE CODE	PAGE 39
	CONTENTS CONNECTOR LIST	
	DRAWING NO. 57-80967001-2	

WIRE CONNECTOR LIST

IN THE CASE
OF DOOR SW
AND
EMERGENCY
STOP BUTTON
ONE BODY TYP *1

CONNECTOR NO.
DESTINATION
CONNECTOR FORM

CN2	
ROBOT CONTROLLER	
Han24DD	
PIN NO.	WIRE NO.
1	I1100A
2	CN2-2
3	CN2-3
4	I1104P
5	I1100B
6	I1101A
7	I1101B
8	1070
9	1071
10	1080
11	I1105P
12	I1105
13	1060
14	1061
15	1062
16	1063
17	1081
18	1082
19	1083
20	1072
21	1073
22	I1104
23	N1
24	P1
⚡	⚡

DSR1	
DOOR SWITCH	
Han Q12/0	
PIN NO.	WIRE NO.
1	I1102P
2	I1102
3	I1103P
4	I1103
5	P1
6	N1
7	I1100C
8	I1100
9	I1101C
10	I1101
11	DSR1-11
12	DSR1-12
⚡	⚡

WHEN
EMERGENCY
STOP BOUTTON
IS DIFFERENT
FROM DOOR SW *1

DSR1	
DOOR SWITCH	
Han8U	
PIN NO.	WIRE NO.
1	I1102P
2	I1102
3	I1103P
4	I1103
5	DSR1-5
6	DSR1-6
7	DSR1-7
8	⚡

*1:EQUIPMENNT MAKER INSTALLATION
2 OPTION C/D*

USER'S NO.	DEVICE CODE	PAGE
	CONTENTS CONNECTOR PIN LIST	40
	DRAWING NO. 57-80967001-2	

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CODE	PARTS NAME	MAKER	TYPE	RATING	STANDARD	REMARKS	Q'TY
	<GOP-**38> <GOP-**20>						
CB1	CIRCUIT BREAKER	MITSUBISHI	NF63-SV 3P 15A	15A 3P	CE CCC		1
	F TYPE HANDLE	MITSUBISHI	F-05SV				1
	COVER FOR BREAKER	MITSUBISHI	TCL-05SV3				1
	<GOP-UL20>						
CB1	CIRCUIT BREAKER	MITSUBISHI	NF100-SRU 3P 15A	15A 3P	UL CE CCC		1
	F TYPE HANDLE	MITSUBISHI	F-05SRUL				1
	COVER FOR BREAKER	MITSUBISHI	TCL-05SRU3				1
	PROTECTIVE COVER	SANKEI	SPPA-512				3
REC1 *1	DC POWER SUPPLY	OMRON	S8VS-12024AP	DC24V 5.0A	UL-C/US CE		1
	END STOPPER	(TOYO GIKEN)	(GTY-13)				2
BZ1	BUZZER	IDEC	HW1Z-F2PQ4B	DC24V	UL CE		1
	SEAL CONNECTOR	SEIWA	SCT-20			PRIMARY POWER SUPPLY	1
CN41	SEAL CONNECTOR	SEIWA	BXSCL30-7X6/5			7 HOLE	1
	STOPPER	SEIWA	BXSCL30TM				4
	MOUNTING HOLE PLUG	IDEC	RP2BGZ 22			DIA27 METAL	1
	SAFETY RELAY	OMRON	G7SA-3A1B DC24	DC24V	UL CSA CE		
	SOCKET	OMRON	P7SA-10F-ND DC24	DC24V	UL CSA CE		

*1:TYPE[JA]/[TW]:AVR1

USER'S NO.	DEVICE CODE	PAGE 41
	CONTENTS PARTS LIST	
	DRAWING NO. 57-80967001-2	

CODE	PARTS NAME	MAKER	TYPE	RATING	STANDARD	REMARKS	Q'TY
TB1	TERMINAL BLOCK	WAGO	2200-1401	600V 10A	UL-C/US CE		35
	END PLATE	WAGO	2000-1491				1
TB2	TERMINAL BLOCK	WAGO	2200-1301	600V 10A	UL-C/US CE		40
	END PLATE	WAGO	2000-1391				1
	END STOPPER	(TOYO GIKEN)	(GTY-13)				4
	SHORT BAR	WAGO	2000-402			2 POLES	18
TB3	TERMINAL BLOCK	WAGO	2202-1301	600V 20A	UL-C/US CE		5
	END PLATE	WAGO	2002-1391				1
	END STOPPER	(TOYO GIKEN)	(GTY-13)				2
	SHORT BAR	WAGO	2002-402			2 POLES	2
TB6	TERMINAL BLOCK	WAGO	2200-1401	600V 10A	UL-C/US CE		4
	END PLATE	WAGO	2000-1491				1
	END STOPPER	(TOYO GIKEN)	(GTY-13)				2
	SHORT BAR	WAGO	2000-402			2 POLES	2
TB5	TERMINAL BLOCK	IDEC	BN30W	600V 30A	UL CSA CE		1
	END PLATE	IDEC	BNE30W				2

USER'S NO.	DEVICE CODE	PAGE
	CONTENTS	42
	PARTS LIST	
DRAWING NO. 57-80967001-2		

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CODE	PARTS NAME	MAKER	TYPE	RATING	STANDARD	REMARKS	Q'TY
PL1~3 PL8	PILOT LAMP	IDEC	AL6H-P4P-TK868-6JW	DC24V	UL CSA CE CCC	LED (LATD-2JW)	4
PL9~13	PILOT LAMP	IDEC	AL6H-P4P-TK868-6A	DC24V	UL CSA CE CCC	LED (LATD-2A)	5
PL4 PL5	PILOT LAMP	IDEC	AL6H-P4P-TK868-6G	DC24V	UL CSA CE CCC	LED (LATD-2G)	2
PL14 PL15 PL16	PILOT LAMP	IDEC	AL6H-P4P-TK868-6R	DC24V	UL CSA CE CCC	LED (LATD-2R)	3
PL6 PL7	PILOT LAMP	IDEC	AL6H-P4P-TK868-6Y	DC24V	UL CSA CE CCC	LED (LATD-2JW)	2
PBL1 PBL2	ILUMINATED PUSH BUTTON SWITCH	IDEC	HA2L-M1C14GF-TK1977	DC24V	UL CSA CE CCC	FLAT SHAPE GREEN LED (LFTD-2G)	2
PBL4 PBL9	ILUMINATED PUSH BUTTON SWITCH	IDEC	HA2L-M1C14AF-TK1977	DC24V	UL CSA CE CCC	FLAT SHAPE ORANGE LED (LFTD-2A)	2
PBL3.5 PBL6 PBL17	ILUMINATED PUSH BUTTON SWITCH	IDEC	HA2L-M1C14PWF- TK1977	DC24V	UL CSA CE CCC	FLAT SHAPE WHITE LED (LFTD-2PW)	4
	ILUMINATED PUSH BUTTON SWITCH	IDEC	HA2L-M1C14YF-TK1977	DC24V	UL CSA CE CCC	FLAT SHAPE YELLOW LED (LFTD-2PW)	
PBL15	ILUMINATED PUSH BUTTON SWITCH	IDEC	HA2L-M1C14RF-TK1977	DC24V	UL CSA CE CCC	FLAT SHAPE RED LED (LFTD-2R)	1
PB7 PB8 PB10 PB12~14 PB16.18	PUSH BUTTON SWITCH	IDEC	HA2B-M1C1LWF-TK1977		UL CSA CE CCC	FLAT SHAPE WHITE	8
PB11	PUSH BUTTON SWITCH	IDEC	HA2B-M1C1LYF-TK1977		UL CSA CE CCC	FLAT SHAPE YELLOW	1
	PUSH BUTTON SWITCH	IDEC	HA2B-M1C1LAF-TK1977		UL CSA CE CCC	FLAT SHAPE ORANGE	
	PUSH BUTTON SWITCH	IDEC	HA2B-M1C1LSF-TK1977		UL CSA CE CCC	FLAT SHAPE BLUE	
SS1	SELECT SWITCH	IDEC	HA3S-3C2		UL CSA CE CCC	3 NOTCH BLACK MANUAL	1
SS2 SS3	SELECT SWITCH	IDEC	HA3S-2C1F-TK1977		UL CSA CE CCC	2 NOTCH BLACK	2
SS4	KEY SWITCH	IDEC	HA3K-2C2B		UL CSA CE CCC	2 NOTCH	1
	MOUNTING HOLE PLUG	IDEC	AL-BM6			DIA16 METAL	
PBL19	PUSH LOCK BUTTON SWITCH WITH LAMP	IDEC	XN4E-TL403Q4MR		UL-C/US CE	3b RED	1
PBL19	NAME PLATE	IDEC	HNAV-0				1
PB10	SWITCH GUARD	IDEC	HA9Z-KW1				1

USER'S NO.	DEVICE CODE	PAGE
	CONTENTS	
	DRAWING NO.	
	PARTS LIST	43
	57-80967001-2	

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CODE	PARTS NAME	MAKER	TYPE	RATING	STANDARD	REMARKS	Q'TY
PL1~3 PL8	PILOT LAMP	IDEC	AL6H-P4P-TK868-6JW	DC24V	UL CSA CE CCC	LED (LATD-2JW)	4
PL9~13	PILOT LAMP	IDEC	AL6H-P4P-TK868-6A	DC24V	UL CSA CE CCC	LED (LATD-2A)	5
PL4 PL5	PILOT LAMP	IDEC	AL6H-P4P-TK868-6G	DC24V	UL CSA CE CCC	LED (LATD-2G)	2
PL7 PL14 PL15 PL16	PILOT LAMP	IDEC	AL6H-P4P-TK868-6R	DC24V	UL CSA CE CCC	LED (LATD-2R)	4
PL6	PILOT LAMP	IDEC	AL6H-P4P-TK868-6Y	DC24V	UL CSA CE CCC	LED (LATD-2JW)	1
PBL1 PBL2	ILUMINATED PUSH BUTTON SWITCH	IDEC	HA2L-M1C14GF-TK1977	DC24V	UL CSA CE CCC	FLAT SHAPE GREEN LED (LFTD-2G)	2
PBL4 PBL9	ILUMINATED PUSH BUTTON SWITCH	IDEC	HA2L-M1C14AF-TK1977	DC24V	UL CSA CE CCC	FLAT SHAPE ORANGE LED (LFTD-2A)	2
PBL3.5 PBL6 PBL17	ILUMINATED PUSH BUTTON SWITCH	IDEC	HA2L-M1C14PWF- TK1977	DC24V	UL CSA CE CCC	FLAT SHAPE WHITE LED (LFTD-2PW)	4
	ILUMINATED PUSH BUTTON SWITCH	IDEC	HA2L-M1C14YF-TK1977	DC24V	UL CSA CE CCC	FLAT SHAPE YELLOW LED (LFTD-2PW)	
PBL15	ILUMINATED PUSH BUTTON SWITCH	IDEC	HA2L-M1C14RF-TK1977	DC24V	UL CSA CE CCC	FLAT SHAPE RED LED (LFTD-2R)	1
PB7 PB8 PB10.11 PB13.14 PB16	PUSH BUTTON SWITCH	IDEC	HA2B-M1C1LWF-TK1977		UL CSA CE CCC	FLAT SHAPE WHITE	7
	PUSH BUTTON SWITCH	IDEC	HA2B-M1C1LYF-TK1977		UL CSA CE CCC	FLAT SHAPE YELLOW	
	PUSH BUTTON SWITCH	IDEC	HA2B-M1C1LAF-TK1977		UL CSA CE CCC	FLAT SHAPE ORANGE	
PB12 PB18	PUSH BUTTON SWITCH	IDEC	HA2B-M1C1LSF-TK1977		UL CSA CE CCC	FLAT SHAPE BLUE	2
SS1	SELECT SWITCH	IDEC	HA3S-3C2		UL CSA CE CCC	3 NOTCH BLACK MANUAL	1
SS2 SS3	SELECT SWITCH	IDEC	HA3S-2C1F-TK1977		UL CSA CE CCC	2 NOTCH BLACK	2
SS4	KEY SWITCH	IDEC	HA3K-2C2B		UL CSA CE CCC	2 NOTCH	1
	MOUNTING HOLE PLUG	IDEC	AL-BM6			DIA16 METAL	
PBL19	PUSH LOCK BUTTON SWITCH WITH LAMP	IDEC	XN4E-TL403Q4MR		UL-C/US CE	3b RED	1
PBL19	NAME PLATE	IDEC	HNAV-0				1
PB10	SWITCH GUARD	IDEC	HA9Z-KW1				1

NAME PLATE OR DESTINATION
CS

USER'S NO.	DEVICE CODE	PAGE
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	DRAWING NO.	
	PARTS LIST	44
	57-80967001-2	

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CODE	PARTS NAME	MAKER	TYPE	RATING	STANDARD	REMARKS	Q'TY
PLC1	PC10PE-1616P	JTEKT	TCC-1102		CSA-C/US CE		1
	PC10PE-RACK	JTEKT	TCR-1206				1
	<PC10PE-1616P>						
CN1	HOUSING (RECEPTACLE)	Tyco Electronics	1-1827864-4		UL CSA	8PIN	1
	CONTACT (SOCKET)	Tyco Electronics	1827589-2		UL CSA		3
CN2	HOUSING (RECEPTACLE)	Tyco Electronics	1-1827864-0		UL CSA	20PIN	1
	CONTACT (SOCKET)	Tyco Electronics	1827589-2		UL CSA		20
CN3	HOUSING (RECEPTACLE)	Tyco Electronics	1-1827864-6		UL CSA	12PIN	1
	CONTACT (SOCKET)	Tyco Electronics	1827589-2		UL CSA		12
CN4	HOUSING (RECEPTACLE)	Tyco Electronics	1-1827864-6		UL CSA	12PIN	1
	CONTACT (SOCKET)	Tyco Electronics	1827589-2		UL CSA		12

USER'S NO.	DEVICE CODE	PAGE
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	DRAWING NO.	
	PARTS LIST	45
	57-80967001-2	

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CODE	PARTS NAME	MAKER	TYPE	RATING	STANDARD	REMARKS	Q'TY
PLC2	NX SERIES COMMUNICATION CONTROL UNIT	OMRON	NX-CSG320		UL-C/US CE		1
	NX SERIES SAFETY CPU UNIT	OMRON	NX-SL5500		UL-C/US CE		1
	NX SERIES SAFETY IN UNIT	OMRON	NX-SID800	DC24V	UL-C/US CE	8POINTS	2
	NX SERIES SAFETY OUT UNIT	OMRON	NX-SOD400	DC24V	UL-C/US CE	4POINTS	2
	NX SERIES ADDITIONAL I/O POWER SUPPLY UNIT	OMRON	NX-PF0630	DC24V	UL-C/US CE		1
A1	DISPLAY (7 INCH) STM-6400WA	SCHNEIDER ELECTRIC JAPAN HOLDINGS	PFXSTM6400WADE		UL-C/US CE		1
EIP-IO	EtherNet/IP BOARD TYPE REMOTE I/O	KOYO	EP1-16NTD2				1
	4-M3x10 STUD MALE-FEMALE (METAL)	JTEKT	STD10X4			4 pieces (equivalent use)	2
	M3x6 SCREW	JTEKT	SCR6X4			4 pieces (equivalent use)	1
	HOUSING	OMRON	XG5N-401		UL CSA		1
	CONTACT	OMRON	XG5W-0231		UL CSA		38
RY08	TOYOPUC-Plus Safety RY08-P	JTEKT	TNK-6973		CSA-C/US CE		1
	TOYOPUC-Plus Safety BK0000	JTEKT	TNP-6937				1
	4-M3x8 STUD FEMALE-FEMALE (METAL)	JTEKT	ST8x4FF			4 pieces (equivalent use)	1
	M3x6 SCREW	JTEKT	SCR6x4			4 pieces (equivalent use)	2
HUB1	FL MGuard 1105	PHOENIX CONTACT	1153078				1
CN PC10PE	USB HARNESS	MISUMI	U09A-BF-BM-1	1m		USB (B)	1
CNXF2 CNXF3A CNXF4 CNEIP15	Ethernet CABLE	NICHIGOH	FLG-S-010			L=1.0m STRAIGHT	4
CNXF3	Ethernet CABLE	NICHIGOH	FLG-S-020			L=2.0m STRAIGHT	1
	Ethernet CABLE	NICHIGOH	FLG-S-030			L=3.0m STRAIGHT	

USER'S NO.	DEVICE CODE	PAGE
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	DRAWING NO.	
	PARTS LIST	46
	57-80967001-2	

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<OPTION>

CODE	PARTS NAME	MAKER	TYPE	RATING	STANDARD	REMARKS	Q'TY
	<OPTION:BUS-EX>						
CNEXT BUS	USB CABLE	(ELECOM)	(U2C-M10BK)	1.0m		USB (mini-B - A)	1
EX	TOYOPUC-Plus BUS-EX	JTEKT	TCU-6900		CSA-C/US CE		1
	TOYOPUC-Plus COVER	JTEKT	TCU-6779				1
	BRACKET	JTEKT	BRA_DIN				1
	4-M3x16 STUD MALE-FEMALE (METAL)	JTEKT	STD16X4			4 pieces (equivalent use)	1
	4-M3x22 STUD MALE-FEMALE (METAL)	JTEKT	STD22X4			4 pieces (equivalent use)	1
	M3x6 SCREW	JTEKT	SCR6X4			4 pieces (equivalent use)	4
CN5	CABLE WITH CONNECTOR	JTEKT	CPU_PR_CN5-010				1
	<OPTION:DLNK-M>						
	TOYOPUC-Plus DLNK-M	JTEKT	TCU-6744		CSA-C/US CE		1
	<OPTION:EX2>						
	TOYOPUC-Plus EX2	JTEKT	TCU-6858		CSA-C/US CE		1

*1

*2

*3

*1:OPTION C1/CB/CE/CO/D1/DB/DE/DO/E1/EB/EE/EO/F1/FB/FE/FO
*2:OPTION CE/CO/DE/DO/EE/EO/FE/FO
*3:OPTION CB/CO/DB/DO/EB/EO/FB/FO

USER'S NO.	DEVICE CODE	PAGE
	CONTENTS	
	DRAWING NO.	
	PARTS LIST(OPTION)	47
	57-80967001-2	

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<OPTION>

CODE	PARTS NAME	MAKER	TYPE	RATING	STANDARD	REMARKS	Q'TY
----	<OPTION:C*/D*>	-----	-----	-----	-----	-----	-----
CRY03E CRY03F	MINI RELAY	OMRON	MY2N-D2 DC24	DC24V	UL CSA CE		2
	SOCKET	OMRON	PYFZ-08-E				2
	END STOPPER	OMRON	PYC-A1				2
CN2	HOUSING(Han24DD)	HARTING	09 30 006 0301		UL CSA		1
	FEMALE INSERT	HARTING	09 16 024 3101		UL CSA		1
	FEMALE CONTACT SILVER	HARTING	09 15 000 6202		UL CSA		24
	CODING SYSTEM WITH BUSH	HARTING	09 33 000 9909		UL CSA		4
-----	-----	-----	-----	-----	-----	-----	-----

USER'S NO.	DEVICE CODE	PAGE
	CONTENTS	
	DRAWING NO.	
	PARTS LIST(OPTION)	48
	57-80967001-2	

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<OPTION>

CODE	PARTS NAME	MAKER	TYPE	RATING	STANDARD	REMARKS	Q'TY
- - -	<OPTION:C*/E*>	- - -	- - -	- - -	- - -	- - -	- - -
- - -	<GOP-**38>	- - -	- - -	- - -	- - -	- - -	- - -
MS1 2 OL1	MAGNET SWITCH	MITSUBISHI	MSOD-QR11BCKP 1.3A 380V DC24V		UL-C/US CE CCC	THRMAL RANGE 1.0~1.6A	1
- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
- - -	<GOP-**20> <GOP-UL20>	- - -	- - -	- - -	- - -	- - -	- - -
MS1 2 OL1	MAGNET SWITCH	MITSUBISHI	MSOD-QR11BCKP 2.1A 200V DC24V		UL-C/US CE CCC	THRMAL RANGE 1.7~2.5A	1
- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
	OPTION UNIT FOR MAGNET SWITCH	MITSUBISHI	UQ-AX2	1a1b	UL-C/US CE CCC		1
	OPTION UNIT FOR MAGNET SWITCH	MITSUBISHI	UQ-AX2KR	1a1b	UL-C/US CE CCC		1
	VARISTOR	NIPPON CHEMI-CON	TNR15G821K		UL CSA		/
- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
CR1P CR2P	MINI RELAY	OMRON	MY2N-D2 DC24	DC24V	UL. CSA CE		2
	SOCKET	OMRON	PYFZ-08-E				2
	END STOPPER	OMRON	PYC-A1				2
- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
TB4	TERMINAL BLOCK	WAGO	2202-1301	600V 20A	UL-C/US CE		2
	END PLATE	WAGO	2002-1391				1
	END STOPPER	(TOYO GIKEN)	(GTY-13)				2
	SHORT BAR	WAGO	2002-402			2 POLES	/
- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
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USER'S NO.	DEVICE CODE	PAGE
	CONTENTS	
	DRAWING NO.	
	PARTS LIST(OPTION)	49
	57-80967001-2	

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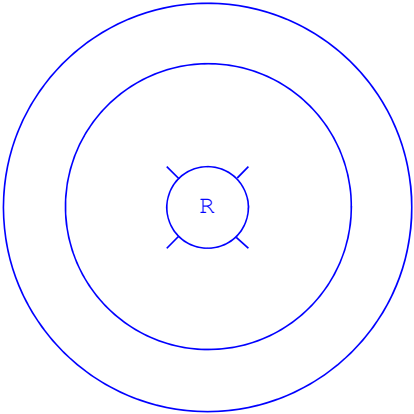
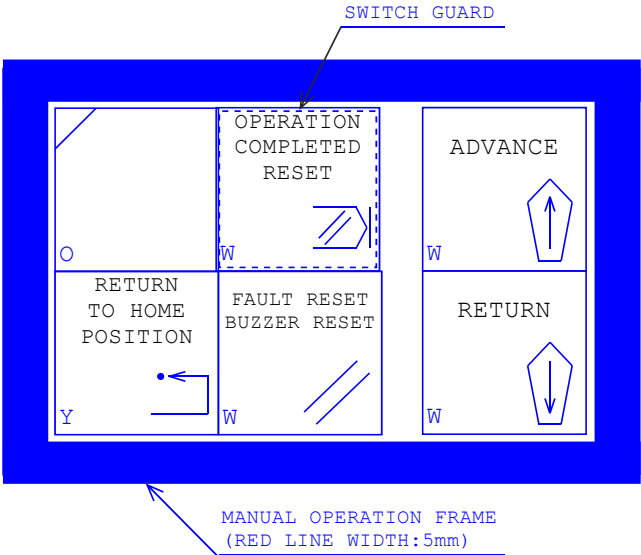
(PL6)

POWER W 	AIR W 	AUTO W 	HOME POSITION G 	OPERATION COMPLETED G 		ALARM Y 	LIGHT CURTAIN W
CONTINUOUS O 	AUTOMATIC RUNNING O 	POWER ON O 			PRODUCTION INDICATION CUT OFF R 	EMERGENCY STOP R 	FAULT R

(PL12) (PL13)

AUTO INDIVIDUAL MANUAL 		PRODUCTION INDICATION ON OFF		BEAM PROTECT CURTAIN ON OFF	
MASTER ON G 	START PREPARATION G 	START. RE-START W 	TIP EXCHANGE RESERVE START O 		
PARTS CHECKING OFF W 	WELD CUT OFF R2 W 	WELD CUT OFF R1 W 			
	WELD CUT OFF R4 W 	WELD CUT OFF R3 W 	LIGHT CURTAIN STOP RESET W 		

*1

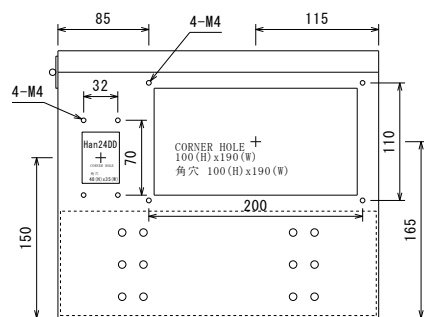


NAME PLATE OR DESTINATION
ZH

1:OPTION C/E*

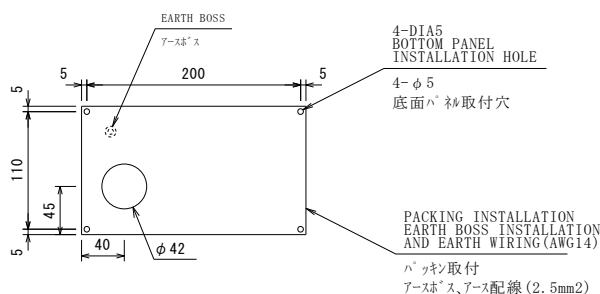
USER'S NO.	DEVICE CODE	PAGE
	CONTENTS	
	OPERATION PARTS NAME PLATE[ZH]	50
DRAWING NO.		
57-80967001-2		

SYM	TOT	REVISION				SECTION	CH No.	DATE	BY REF No.
機番： MACHINE N _O .		機械名称：MACHINE NAME				納入先：CUSTOMER TOYOTA MOTOR CORPORATION			
客先機番： CSTM MC N _O .		GOP-R4X-****-A2-**				用途：DRAWING f o r FINAL			
承認： APPROVED	検図：CHECKED	設計： DESIGNED	製図：DRAWN	投影法： PROJECTION METHOD 尺度：SCALE 1/10		内容：CONTENTS EXTERNAL OF CONTROL ENCLOSURE (1/2)			
				図番 DRAWING N _O .	57-80967401-2				
JTEKT CORPORATION									



BOTTOM SIDE VIEW (SCALE 1/5)

底面図 (SCALE 1/5)



BOTTOM PANEL
120 (H) x 210 (W) t=2.3
(SCALE 1/5)

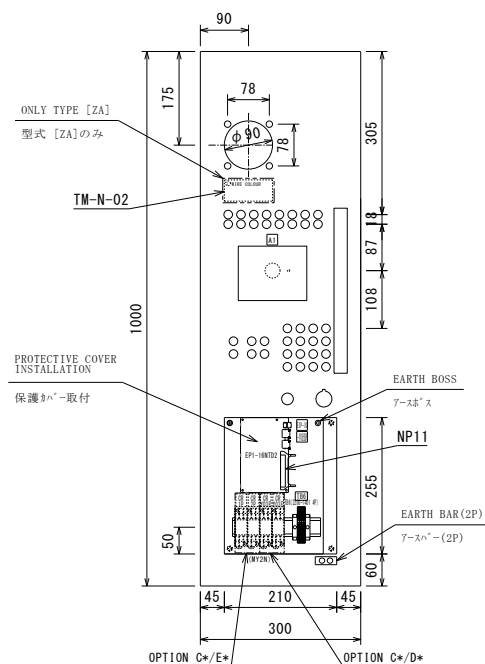
底面ハ^{ネル}
120(H) x 210(W) t=2.3
(SCALE 1/5)

EXTERNAL SIZE	:1000 (H) x300 (W) x250 (D)	t=2.3
外形寸法	:1000 (H) x300 (W) x250 (D)	t=2.3
INSIDE PANEL SIZE	:930 (H) x260 (W)	t=2.3
内パネル寸法	:930 (H) x260 (W)	t=2.3
DOOR PANEL SIZE	:255 (H) x210 (W)	t=2.3
扉パネル寸法	:255 (H) x210 (W)	t=2.3
BOTTOM PANEL SIZE	:120 (H) x210 (W)	t=2.3
底面パネル寸法	:120 (H) x210 (W)	t=2.3
PAINT COLOR	:INSIDE&OUTSIDE	MUNSELL 10GY 9/1
塗装色	:内外面	マンセル 10GY 9/1
	:PANEL	MUNSELL 10GY 9/1
	:パネル	マンセル 10GY 9/1
	:INSIDE PANEL/CBI	BRACKET MUNSELL
	:中パネル/CBI	ブラケット マンセル 2.5YR 6/1

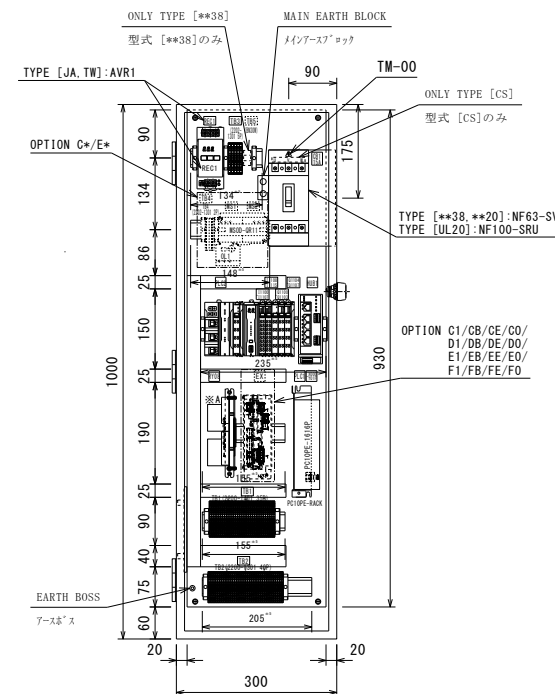
ONLY TYPE [NR]
型式 [NR]のみ

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DOOR PANEL LAYOUT

扉ハ[®] 初配置図

INSIDE PANEL LAYOUT

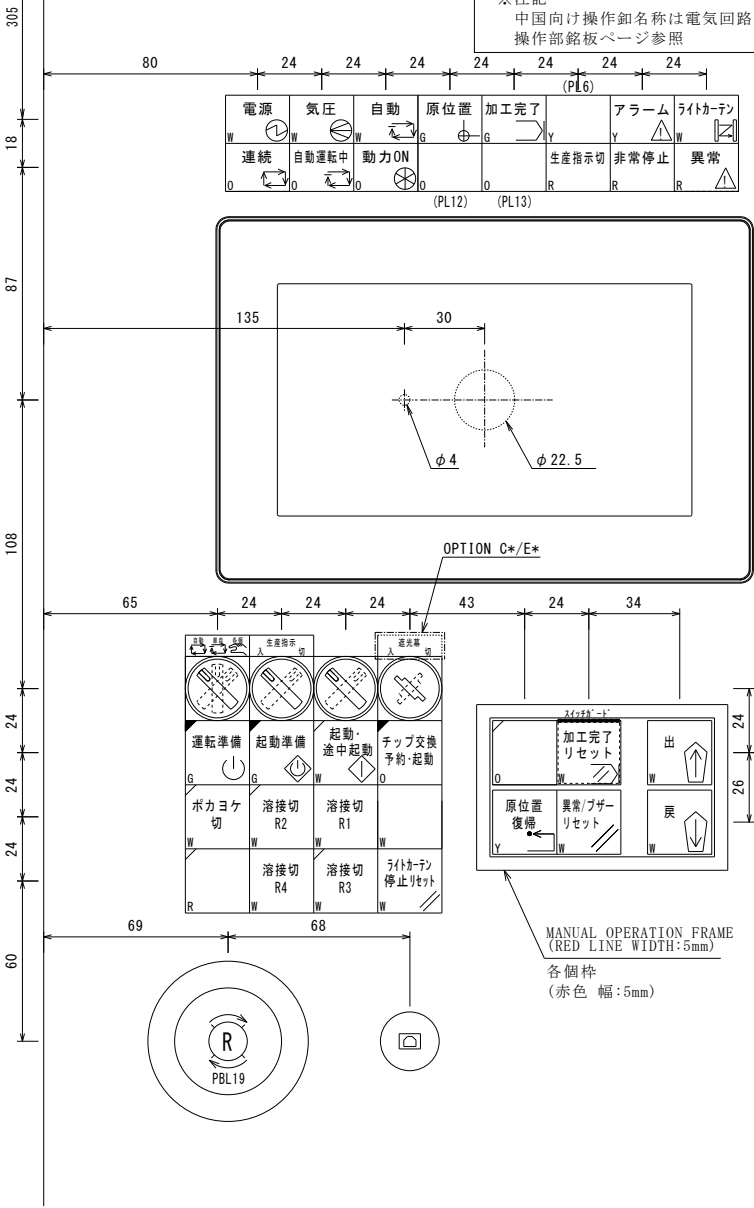
中ハ°ネル配置図



SYM	TOT	REVISION				SECTION	CH No.	DATE	BY	REF No.
機番： MACHINE No.		機械名称：MACHINE NAME GOP-R4X-****-**-A2-**				納入先：CUSTOMER TOYOTA MOTOR CORPORATION				
客先機番： CSTM MC No.						用途：DRAWING for FINAL				
承認： APPROVED	検図：CHECKED	設計： DESIGNED	製図：DRAWN	投影法： PROJECTION METHOD 		内容：CONTENTS EXTERNAL OF CONTROL ENCLOSURE (2/2)				
				尺度：SCALE 1/10						
				図番 DRAWING No.		57-80967402-2				
ITEKT CORPORATION										

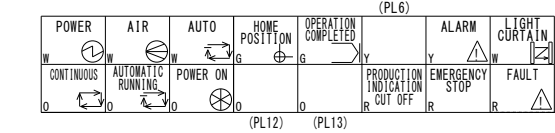
GOP-R4X-****-JA
GOP-R4X-****-TW
GOP-R4X-****-ZH

*NOTE
The China operation button name to refer to the operation unit nameplate page of the electric circuit diagram.
※注記
中国向け操作鈕名称は電気回路図の操作部銘板ページ参照

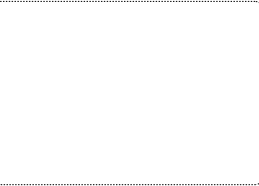


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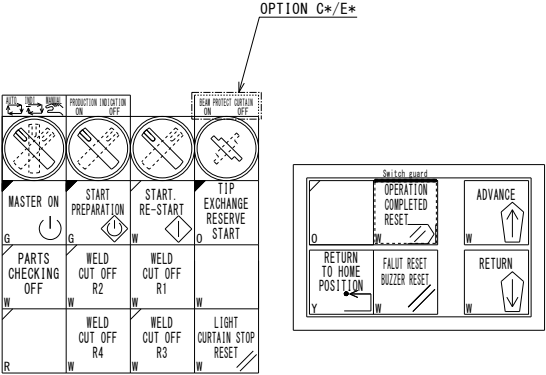
GOP-R4X-****-EN
GOP-R4X-****-ZA



PL8	PL7	PL6	PL5	PL4	PL3	PL2	PL1
PL16	PL15	PL14	PL13	PL12	PL11	PL10	PL9

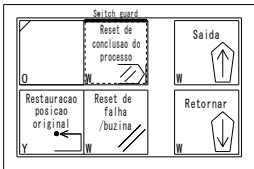
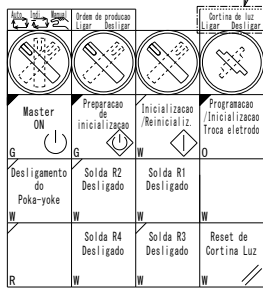
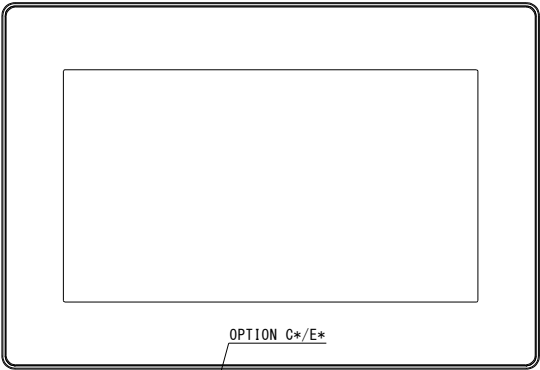
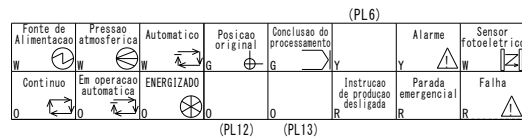


SS4	SS3	SS2	SS1
PBL4	PBL3	PBL2	PBL1
PB8	PB7	PBL6	PBL5
PB18	PBL17	PBL16	PBL15

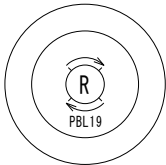


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G0P-R4X-****-PT

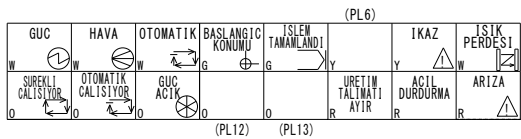


MANUAL OPERATION FRAME
(RED LINE WIDTH:5mm)
各個枠
(赤色 幅:5mm)

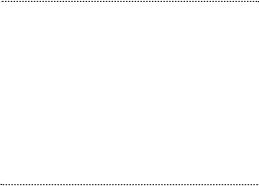


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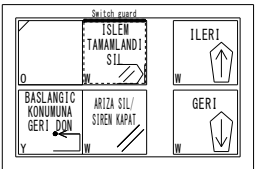
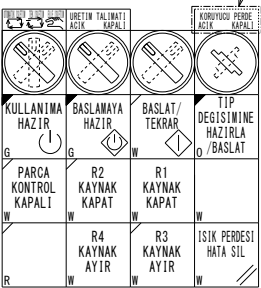
G0P-R4X-****-TR



PL8	PL7	PL6	PL5	PL4	PL3	PL2	PL1
PL16	PL15	PL14	PL13	PL12	PL11	PL10	PL9

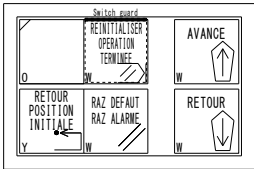
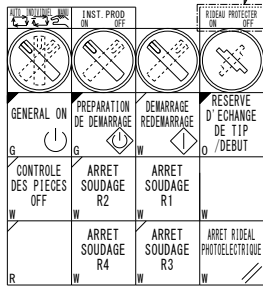
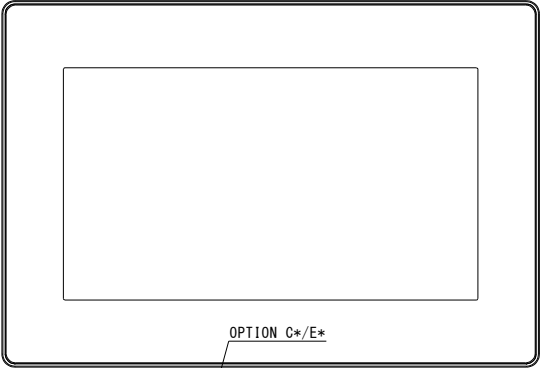
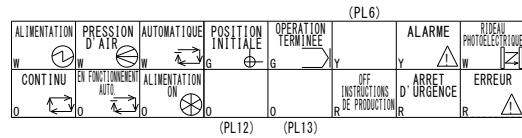


SS4	SS3	SS2	SS1
PBL4	PBL3	PBL2	PBL1
PB8	PB7	PBL6	PBL5
PB18	PBL17	PBL16	PBL15

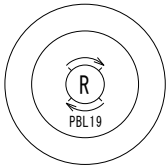


						付				
						付				
						付				
SYM	TOT	REVISION				SECTION	CH No.	DATE	BY	REF No.
機番: MACHINE No.		機械名称: MACHINE NAME GOP-R4X-****-**A2-**				納入先: CUSTOMER TOYOTA MOTOR CORPORATION 殿				
客先機番: CSTMR MC No.						用途: DRAWING for FINAL				
承認: APPROVED	検図: CHECKED	設計: DESIGNED	製図: DRAWN	投影法: 	内容: CONTENTS OPERATION BUTTON LAYOUT (2/4)					
				PROJECTION METHOD						
				尺度: SCALE	1/2					
				図番	57-80967404-2					
				DRAWING No.						
JTEKT CORPORATION										

G0P-R4X-****-FR

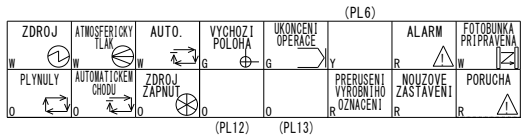


MANUAL OPERATION FRAME
(RED LINE WIDTH:5mm)
各個枠
(赤色 幅:5mm)

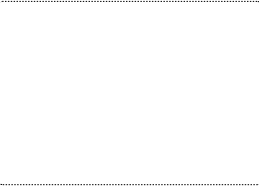


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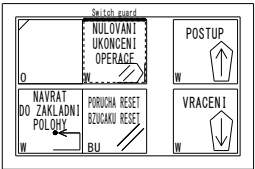
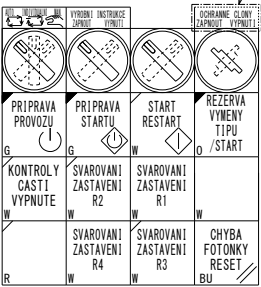
G0P-R4X-****-CS



PL8	PL7	PL6	PL5	PL4	PL3	PL2	PL1
PL16	PL15	PL14	PL13	PL12	PL11	PL10	PL9

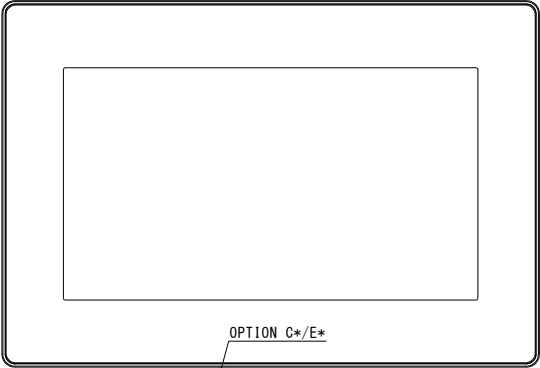
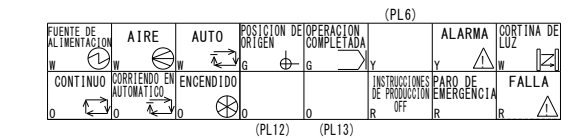


SS4	SS3	SS2	SS1
PBL4	PBL3	PBL2	PBL1
PB8	PB7	PBL6	PBL5
PBL18	PBL17	PBL16	PBL15

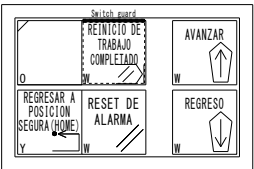
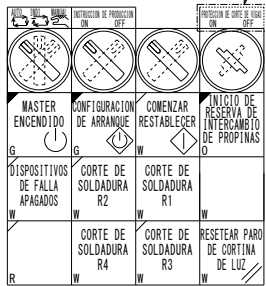


△						付				
△						付				
△						付				
SYM	TOT	REVISION				SECTION	CH No.	DATE	BY	REF No.
機番: MACHINE No.		機械名称: MACHINE NAME				納入先: CUSTOMER				
客先機番: CSTMR MC No.		GOP-R4X-****-**A2-**				TOYOTA MOTOR CORPORATION 殿				
						用途: DRAWING for FINAL				
承認: APPROVED	検図: CHECKED	設計: DESIGNED	製図: DRAWN	投影法: PROJECTION METHOD	内容: CONTENTS					
				尺度: SCALE	OPERATION BUTTON LAYOUT (3/4)					
				図番 DRAWING No.	57-80967405-2					
JTEKT CORPORATION										

GOP-R4X-****-ES

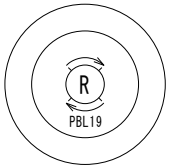


OPTION C*/E*



MANUAL OPERATION FRAME (RED LINE WIDTH:5mm)

各個枠 (赤色 幅:5mm)



この図面は当社（株式会社ジェイテクト）が機密として管理するものであり、当社の事前の許可なく、その全部又は一部を問わず、第三者に開示してはならない。
This drawing is held by JTEKT Corporation in strict confidence and shall not be disclosed in whole or part to any third party without prior permission of JTEKT Corporation.

PL8	PL7	PL6	PL5	PL4	PL3	PL2	PL1
PL16	PL15	PL14	PL13	PL12	PL11	PL10	PL9



SS4	SS3	SS2	SS1
PBL4	PBL3	PBL2	PBL1
PB8	PB7	PBL6	PBL5
PB18	PBL17	PBL16	PBL15

PB13	PB10	PBL9
PB14	PB12	PB11



△				付			
△				付			
△				付			
SYM	TOT	REVISION	SECTION	CH No.	DATE	BY	REF No.
機番 : MACHINE No.	機械名称 : MACHINE NAME					納入先 : CUSTOMER	
客先機番 : CSTMR MC No.	GOP-R4X-****-A2-**					TOYOTA MOTOR CORPORATION 殿	
					用途 : DRAWING for FINAL		
承認 : APPROVED	検図 : CHECKED	設計 : DESIGNED	製図 : DRAWN	投影法 : PROJECTION METHOD	内容 : CONTENTS		
				尺度 : SCALE	OPERATION BUTTON LAYOUT (4/4)		
				図番 : DRAWING No.	57-80967406-2		
JTEKT CORPORATION							

2202-1301:2P WAGO
2202-1301:2P WAGO

OPTION C*/E*

2200-1401:4P WAGO
2200-1401:4P WAGO

	N1	N1	P1	P1

BN30W	x	1P	IDEC
BN30W	x	1P	IDEC

ONLY TYPE [**38]
型式 [**38]のみ

:IN INSERTION TYPE BRIDGE 2 POLES (TYPE 2000-402.2002-402)
 :2Pブリッジ*ハ*挿入 (TYPE 2000-402.2002-402)

SYM	TOT	REVISION				SECTION	CH No.	DATE	BY REF No.
機番 : MACHINE N _o .		機械名 : MACHINE NAME					納入先 : CUSTOMER TOYOTA MOTOR CORPORATION		
客先機番 : CSTMR MC N _o .		GOP-R4X-*****-A2-**					用途 : DRAWING f o r FINAL		
承認 : APPROVED	検図 : CHECKED	設計 : DESIGNED	製図 : DRAWN	投影法 : PROJECTION METHOD 尺 度 : SCALE 1/10		内容 : CONTENTS TERMINAL ARRAY CHART			
				図番 DRAWING No.	57-80967407-2				
ITEKT CORPORATION									