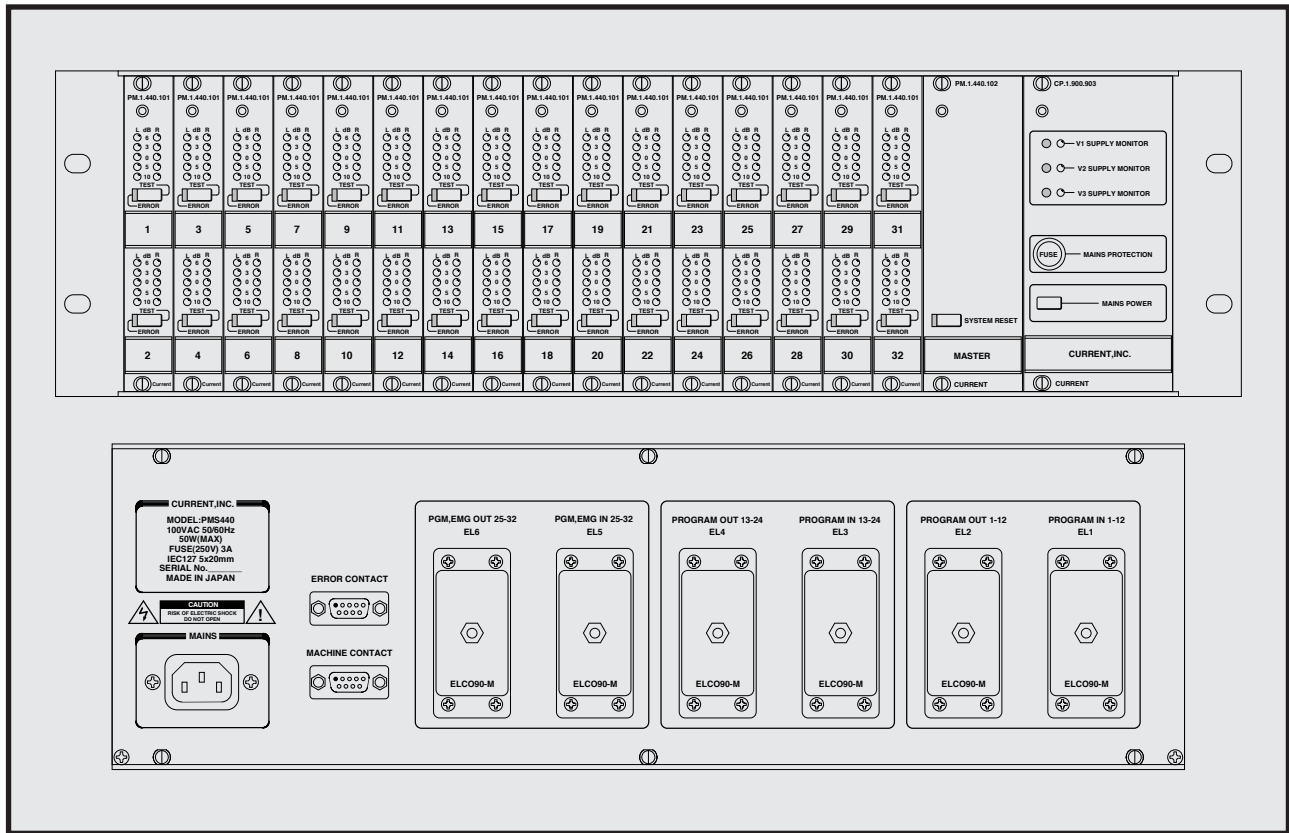


# CURRENT PRODUCTS model:PMS440

## MULTI SILENCE SENSOR



Multi channel emergency broadcasting system  
 Maximum stereo 32ch  
 Detect a silence state and source switch  
 Autostart emergency machine  
 Test mode  
 Contact output for alarm  
 5 points of LED level meters  
 19 inches 3U size

**PMS440 is a system for emergency broadcasting of 32 stereo channels by maximum configuration. It detects a silence state of the program source and is a system making automatic change with program output to an emergency source. When a program source breaks off more than setting time, Silence sensor operates and turns on a relay contact of the alarm output and outputs play contact for emergency machines. In addition, it turns on a relay contact for PLAY commands of the emergency source equipment at the same time.**

### "Silence sensor"

It provides for each sensor module with 5 points of LED level meters and can set the silence detection time of the program source and the setting of the threshold level in the range of 10 sec to 90 sec and -20dBu to -60dBu in a module. In addition, it can switch it to an emergency source with TEST button every each channel forcibly. The sensor can prohibit an action every each channel.

### "Alarm output"

When a program source breaks off more than setting time, Silence sensor operates and turns on a relay contact of the alarm output and outputs play contact for emergency machines.

### "Reset"

It uses the system reset button of the master module to return a system in normal state. Please make this operation after confirming that a program signal is input normally with the level meter of each channel. Silence sensor is initialized when

it continues pressing the system reset button of the master module more than 1 second.

### "Others"

PMS440 is modular construction of 2 channel units, and, please specify the number of the channels necessary at the time of the order. In addition, the programmed input/output is bypassed by a relay when a power supply is down. Please refer about the manufacturing of specifications and the patch bay except the standard and the connection cable.

## SPECIFICATIONS

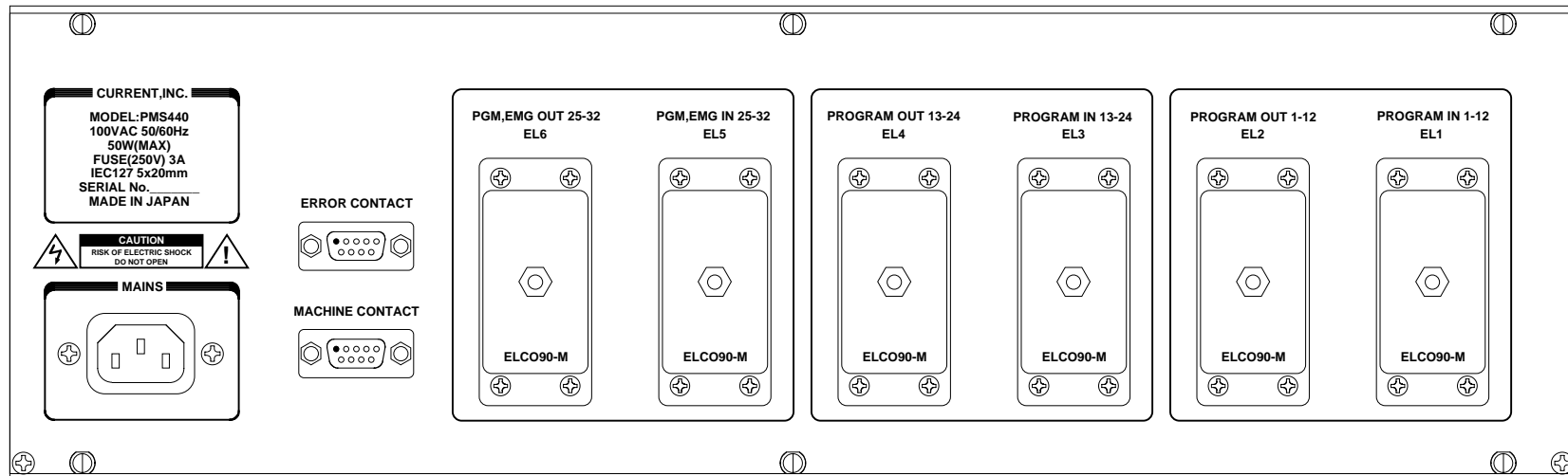
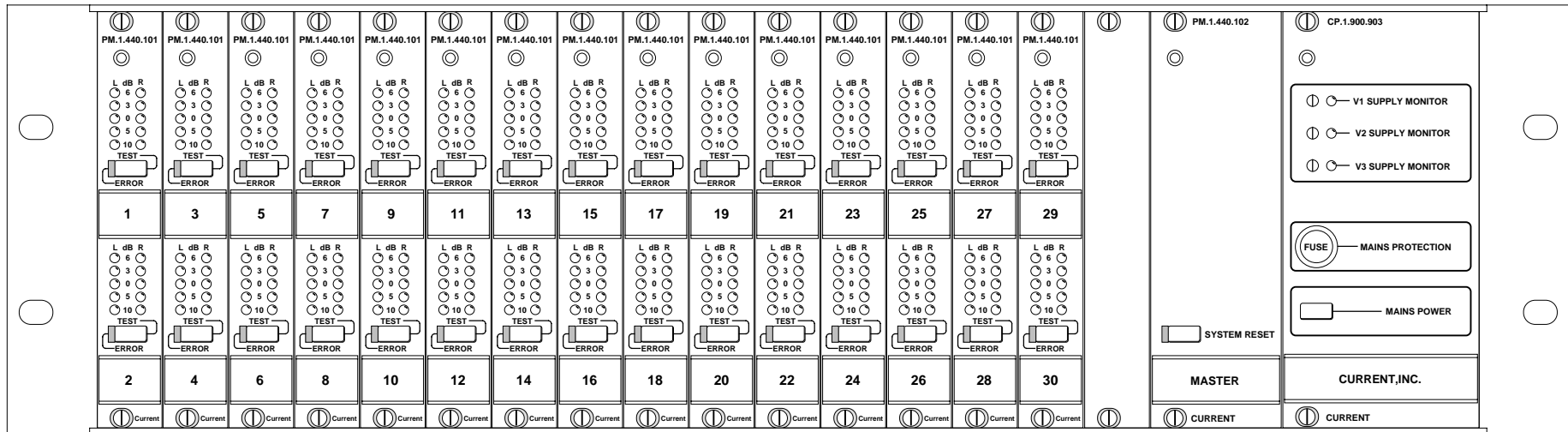
- ▲PROGRAM INPUTS: BALANCED, +4dBu
- ▲PROGRAM OUTPUTS: BALANCED, +4dBu
- ▲I/O CONNECTORS: ELC090P-M
- ▲DEFAULT THRESHOLD: -40dBu
- ▲DEFAULT DETECT TIME: 30 sec
- ▲DEFAULT SENSOR STATE: ON
- ▲DEFAULT LEVEL METER REFERENCE: +4dBu
- ▲LEVEL INDICATOR: -10, -5, 0, +3, +6 in dB
- ▲ALARM CONTACT: 24VDC, 100mA
- ▲MACHINE CONTACT: 24VDC, 100mA, 500mS closing
- ▲FREQUENCY RESPONSE: 20~20kHz ±1dB
- ▲MAINS: 100VAC 50/60Hz, MAX=50W
- ▲DIMENSIONS: 483Wx132.5Hx350D 12Kg

Main frame	PMS440-F	¥640,000
Sensor module	PMS440-M	¥160,000

accessory : AC cable

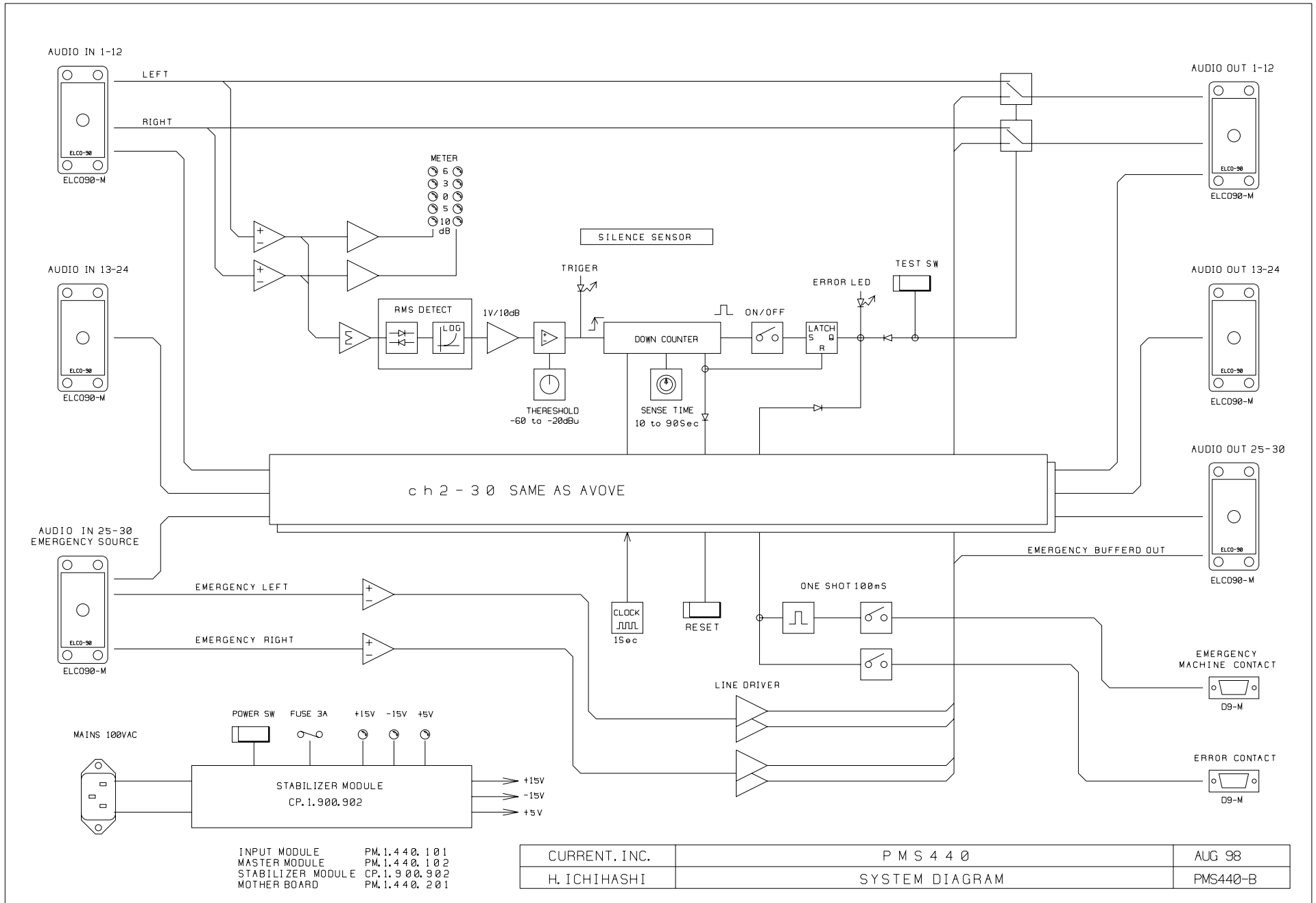
The specifications are subject to change without notice.  
 2-26-11 AKATSUTSUMI, SETAGAYA-KU, TOKYO, 156-0044 JAPAN

MONITOR SYSTEM  
 HEADPHONES AMP  
 CUE SYSTEM  
 COMMUNICATION  
 TB. COUGH SYSTEM  
 MATRIX AMP  
 AUDIO ROUTER  
 AUDIO VIDEO  
 SWITCHER  
 SYSTEM SWITCHER  
 EMERGENCY  
 AUDIO VIDEO  
 DISTRIBUTOR  
 METER SYSTEM  
 ANALOG, DIGITAL  
 PREAMP MIXER  
 LEVEL UNIT  
 FADER UNIT  
 DIGITAL AUDIO  
 AUTO FADER  
 TALLY FADER  
 CLOCK TIMER  
 EVENT SYSTEM  
 SPECIAL PRODUCTS  
 ETC.

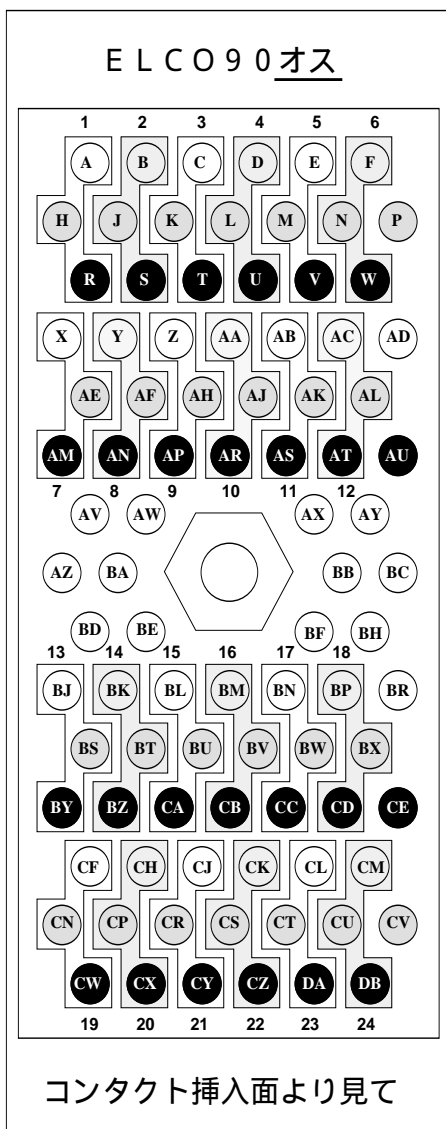


DIMENTIONS=483.5(w)x132.5(h)x350(d)

CURRENT, INC.	PMS440 MULTI SILENCE SENSOR	AUG.98
H.ICHIHASHI	FRAME DIAGRAM	



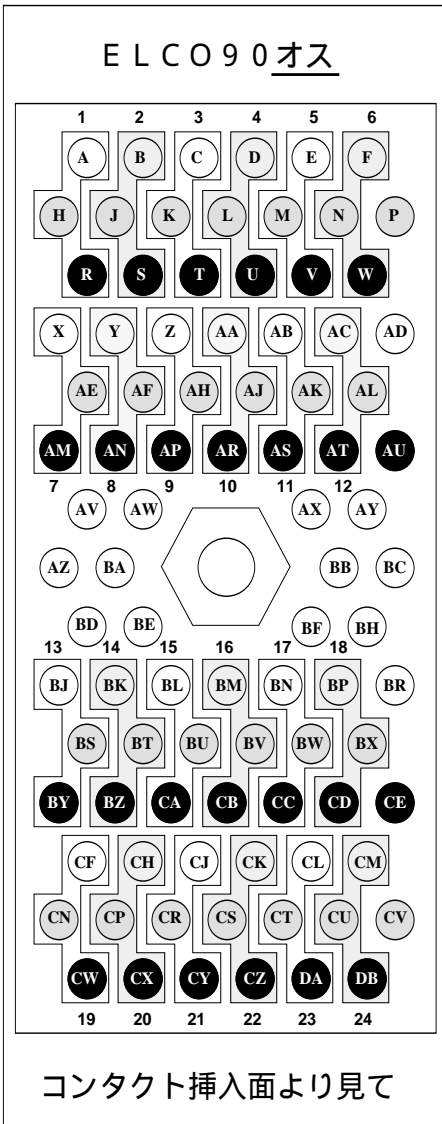
# PMS440 "Program Input 1-12" ELCO90-M Connector Pin List



HOT  
COLD  
GND  
HOT  
COLD  
GND  
HOT  
COLD  
GND  
HOT  
COLD  
GND

ch	+	-	0	Description
1	A	H	R	PROGRAM INPUT 1L
2	B	J	S	PROGRAM INPUT 1R
3	C	K	T	PROGRAM INPUT 2L
4	D	L	U	PROGRAM INPUT 2R
5	E	M	V	PROGRAM INPUT 3L
6	F	N	W	PROGRAM INPUT 3R
7	X	AE	AM	PROGRAM INPUT 4L
8	Y	AF	AN	PROGRAM INPUT 4R
9	Z	AH	AP	PROGRAM INPUT 5L
10	AA	AJ	AR	PROGRAM INPUT 5R
11	AB	AK	AS	PROGRAM INPUT 6L
12	AC	AL	AT	PROGRAM INPUT 6R
13	BJ	BS	BY	PROGRAM INPUT 7L
14	BK	BT	BZ	PROGRAM INPUT 7R
15	BL	BU	CA	PROGRAM INPUT 8L
16	BM	BV	CB	PROGRAM INPUT 8R
17	BN	BW	CC	PROGRAM INPUT 9L
18	BP	BX	CD	PROGRAM INPUT 9R
19	CF	CN	CW	PROGRAM INPUT 10L
20	CH	CP	CX	PROGRAM INPUT 10R
21	CJ	CR	CY	PROGRAM INPUT 11L
22	CK	CS	CZ	PROGRAM INPUT 11R
23	CL	CT	DA	PROGRAM INPUT 12L
24	CM	CU	DB	PROGRAM INPUT 12R

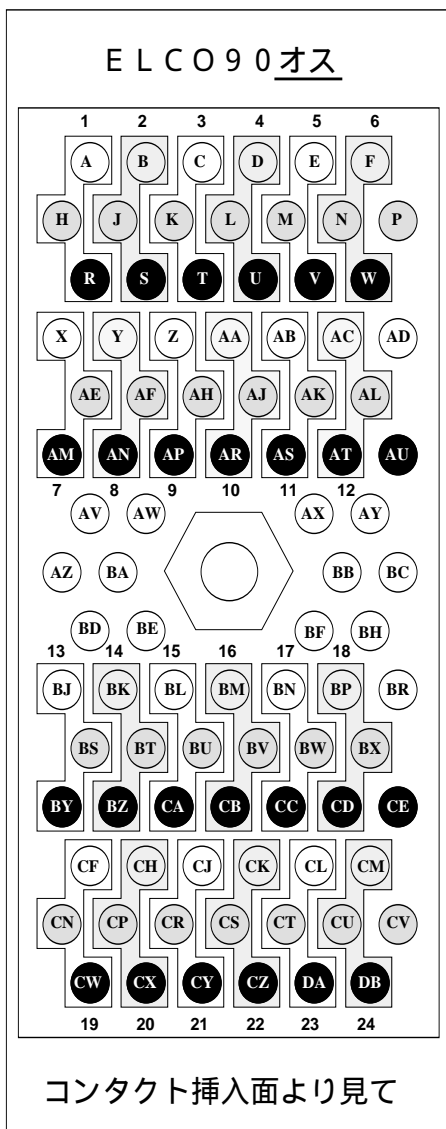
# PMS440 "Program Input 13-24" ELCO90-M Connector Pin List



HOT  
COLD  
GND  
HOT  
COLD  
GND  
HOT  
COLD  
GND  
HOT  
COLD  
GND

ch	+	-	0	Description
1	A	H	R	PROGRAM INPUT 13L
2	B	J	S	PROGRAM INPUT 13R
3	C	K	T	PROGRAM INPUT 14L
4	D	L	U	PROGRAM INPUT 14R
5	E	M	V	PROGRAM INPUT 15L
6	F	N	W	PROGRAM INPUT 15R
7	X	AE	AM	PROGRAM INPUT 16L
8	Y	AF	AN	PROGRAM INPUT 16R
9	Z	AH	AP	PROGRAM INPUT 17L
10	AA	AJ	AR	PROGRAM INPUT 17R
11	AB	AK	AS	PROGRAM INPUT 18L
12	AC	AL	AT	PROGRAM INPUT 18R
13	BJ	BS	BY	PROGRAM INPUT 19L
14	BK	BT	BZ	PROGRAM INPUT 19R
15	BL	BU	CA	PROGRAM INPUT 20L
16	BM	BV	CB	PROGRAM INPUT 20R
17	BN	BW	CC	PROGRAM INPUT 21L
18	BP	BX	CD	PROGRAM INPUT 21R
19	CF	CN	CW	PROGRAM INPUT 22L
20	CH	CP	CX	PROGRAM INPUT 22R
21	CJ	CR	CY	PROGRAM INPUT 23L
22	CK	CS	CZ	PROGRAM INPUT 23R
23	CL	CT	DA	PROGRAM INPUT 24L
24	CM	CU	DB	PROGRAM INPUT 24R

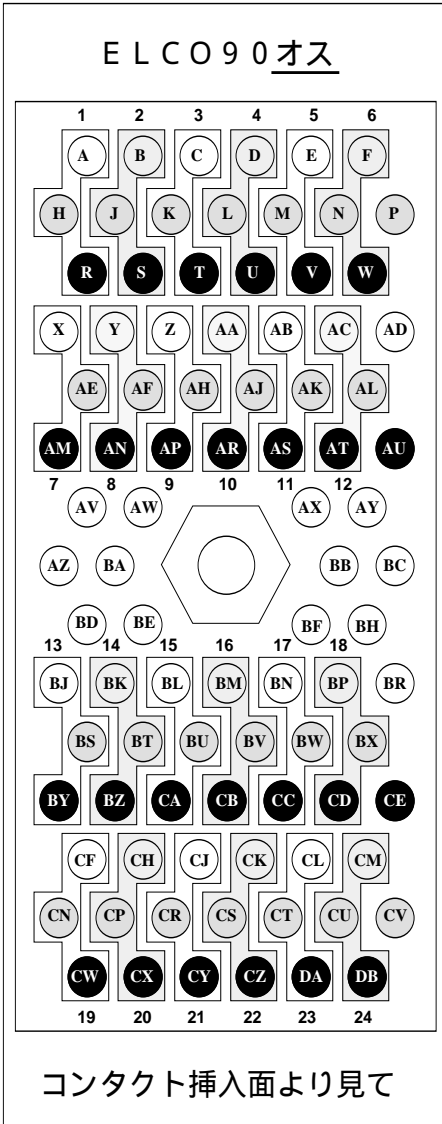
# PMS440 "Program Input 25-32 & EMG" ELCO90-M Connector Pin List



HOT  
COLD  
GND  
HOT  
COLD  
GND  
HOT  
COLD  
GND  
HOT  
COLD  
GND  
HOT  
COLD  
GND

ch	+	-	0	Description
1	A	H	R	PROGRAM INPUT 25L
2	B	J	S	PROGRAM INPUT 25R
3	C	K	T	PROGRAM INPUT 26L
4	D	L	U	PROGRAM INPUT 26R
5	E	M	V	PROGRAM INPUT 27L
6	F	N	W	PROGRAM INPUT 27R
7	X	AE	AM	PROGRAM INPUT 28L
8	Y	AF	AN	PROGRAM INPUT 28R
9	Z	AH	AP	PROGRAM INPUT 29L
10	AA	AJ	AR	PROGRAM INPUT 29R
11	AB	AK	AS	PROGRAM INPUT 30L
12	AC	AL	AT	PROGRAM INPUT 30R
13	BJ	BS	BY	PROGRAM INPUT 31L
14	BK	BT	BZ	PROGRAM INPUT 31R
15	BL	BU	CA	PROGRAM INPUT 32L
16	BM	BV	CB	PROGRAM INPUT 32R
17	BN	BW	CC	EMERGENCY SOURCE IN L
18	BP	BX	CD	EMERGENCY SOURCE IN R
19	CF	CN	CW	
20	CH	CP	CX	
21	CJ	CR	CY	
22	CK	CS	CZ	
23	CL	CT	DA	
24	CM	CU	DB	

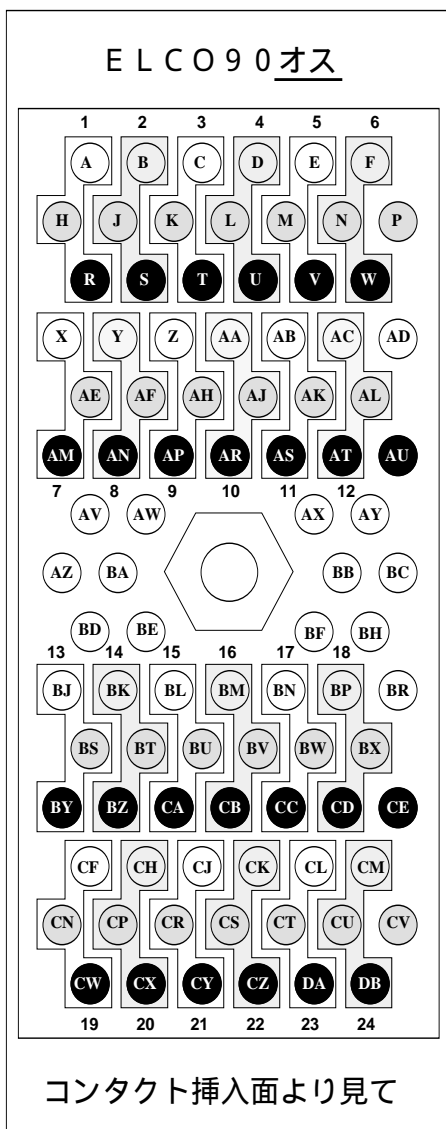
# PMS440 "Program Output 1-12" ELCO90-M Connector Pin List



HOT  
COLD  
GND  
HOT  
COLD  
GND  
HOT  
COLD  
GND  
HOT  
COLD  
GND

ch	+	-	0	Description
1	A	H	R	PROGRAM OUTPUT 1L
2	B	J	S	PROGRAM OUTPUT 1R
3	C	K	T	PROGRAM OUTPUT 2L
4	D	L	U	PROGRAM OUTPUT 2R
5	E	M	V	PROGRAM OUTPUT 3L
6	F	N	W	PROGRAM OUTPUT 3R
7	X	AE	AM	PROGRAM OUTPUT 4L
8	Y	AF	AN	PROGRAM OUTPUT 4R
9	Z	AH	AP	PROGRAM OUTPUT 5L
10	AA	AJ	AR	PROGRAM OUTPUT 5R
11	AB	AK	AS	PROGRAM OUTPUT 6L
12	AC	AL	AT	PROGRAM OUTPUT 6R
13	BJ	BS	BY	PROGRAM OUTPUT 7L
14	BK	BT	BZ	PROGRAM OUTPUT 7R
15	BL	BU	CA	PROGRAM OUTPUT 8L
16	BM	BV	CB	PROGRAM OUTPUT 8R
17	BN	BW	CC	PROGRAM OUTPUT 9L
18	BP	BX	CD	PROGRAM OUTPUT 9R
19	CF	CN	CW	PROGRAM OUTPUT 10L
20	CH	CP	CX	PROGRAM OUTPUT 10R
21	CJ	CR	CY	PROGRAM OUTPUT 11L
22	CK	CS	CZ	PROGRAM OUTPUT 11R
23	CL	CT	DA	PROGRAM OUTPUT 12L
24	CM	CU	DB	PROGRAM OUTPUT 12R

# PMS440 "Program Output 13-24" ELC090-M Connector Pin List

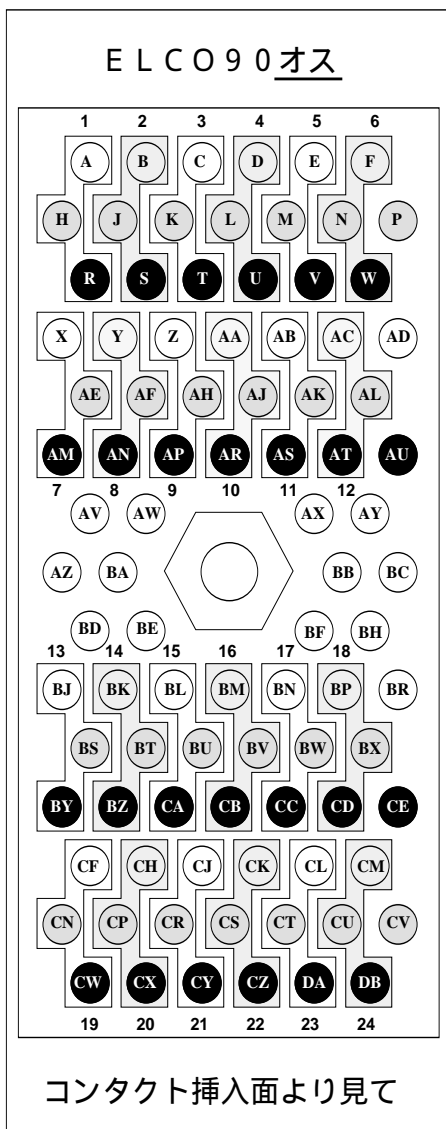


HOT  
COLD  
GND  
HOT  
COLD  
GND  
HOT  
COLD  
GND  
HOT  
COLD  
GND

ch	+	-	0	Description
1	A	H	R	PROGRAM OUTPUT 13L
2	B	J	S	PROGRAM OUTPUT 13R
3	C	K	T	PROGRAM OUTPUT 14L
4	D	L	U	PROGRAM OUTPUT 14R
5	E	M	V	PROGRAM OUTPUT 15L
6	F	N	W	PROGRAM OUTPUT 15R
7	X	AE	AM	PROGRAM OUTPUT 16L
8	Y	AF	AN	PROGRAM OUTPUT 16R
9	Z	AH	AP	PROGRAM OUTPUT 17L
10	AA	AJ	AR	PROGRAM OUTPUT 17R
11	AB	AK	AS	PROGRAM OUTPUT 18L
12	AC	AL	AT	PROGRAM OUTPUT 18R
13	BJ	BS	BY	PROGRAM OUTPUT 19L
14	BK	BT	BZ	PROGRAM OUTPUT 19R
15	BL	BU	CA	PROGRAM OUTPUT 20L
16	BM	BV	CB	PROGRAM OUTPUT 20R
17	BN	BW	CC	PROGRAM OUTPUT 21L
18	BP	BX	CD	PROGRAM OUTPUT 21R
19	CF	CN	CW	PROGRAM OUTPUT 22L
20	CH	CP	CX	PROGRAM OUTPUT 22R
21	CJ	CR	CY	PROGRAM OUTPUT 23L
22	CK	CS	CZ	PROGRAM OUTPUT 23R
23	CL	CT	DA	PROGRAM OUTPUT 24L
24	CM	CU	DB	PROGRAM OUTPUT 24R



# PMS440 "Program Output 25-32 & EMG" ELCO90-M Connector Pin List



HOT  
COLD  
GND  
HOT  
COLD  
GND  
HOT  
COLD  
GND  
HOT  
COLD  
GND

ch	+	-	0	Description
1	A	H	R	PROGRAM OUTPUT 25L
2	B	J	S	PROGRAM OUTPUT 25R
3	C	K	T	PROGRAM OUTPUT 26L
4	D	L	U	PROGRAM OUTPUT 26R
5	E	M	V	PROGRAM OUTPUT 27L
6	F	N	W	PROGRAM OUTPUT 27R
7	X	AE	AM	PROGRAM OUTPUT 28L
8	Y	AF	AN	PROGRAM OUTPUT 28R
9	Z	AH	AP	PROGRAM OUTPUT 29L
10	AA	AJ	AR	PROGRAM OUTPUT 29R
11	AB	AK	AS	PROGRAM OUTPUT 30L
12	AC	AL	AT	PROGRAM OUTPUT 30R
13	BJ	BS	BY	PROGRAM OUTPUT 31L
14	BK	BT	BZ	PROGRAM OUTPUT 31R
15	BL	BU	CA	PROGRAM OUTPUT 32L
16	BM	BV	CB	PROGRAM OUTPUT 32R
17	BN	BW	CC	EMERGENCY SOURCE OUT L
18	BP	BX	CD	EMERGENCY SOURCE OUT R
19	CF	CN	CW	
20	CH	CP	CX	
21	CJ	CR	CY	
22	CK	CS	CZ	
23	CL	CT	DA	
24	CM	CU	DB	

# PMS440 "Error & Machine Contact" Connector Pin List

<b>"ERROR CONTACT" D9-M(#4-40)</b>				
<b>Ribbon</b>	<b>Hard</b>	<b>Signal name</b>	<b>Designation</b>	<b>Active</b>
1	1	ERROR-A	ERROR RELAY CONTACT A	
2	6	ERROR-B	ERROR RELAY CONTACT B	
3	2			
4	7			
5	3			
6	8			
7	4			
8	9			
9	5			

<b>"MACHINE CONTACT" D9-M(#4-40)</b>				
<b>Ribbon</b>	<b>Hard</b>	<b>Signal name</b>	<b>Designation</b>	<b>Active</b>
1	1	PLAY-A	MACHINE PLAY CONTACT A	
2	6	PLAY-B	MACHINE PLAY CONTACT B	
3	2			
4	7			
5	3			
6	8			
7	4			
8	9			
9	5			

注意！ Dサブコネクタの接続はHARDピン番号で接続してください。取付は#4 - 40インチビスです。

**CAUTION! D-Connector for wiring refer to Hard pin number Description. Mounting screw for D-connector use #4-40 size.**