imall

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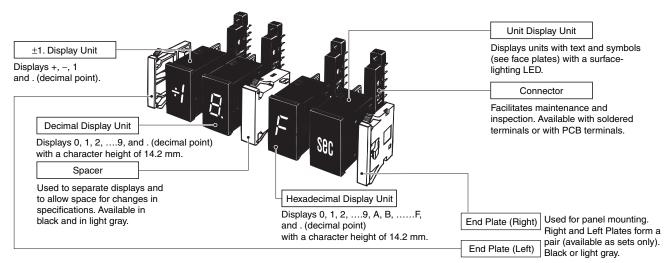
New Models with Blanking Function Added to the Series

- Single-color (red or green) and two-color (red or green selectable) displays with a character height of 14 mm are available for a variety of applications and locations.
- Miniature design with a 43-mm depth is perfect for saving space in equipment and devices.
- Wide-range power supply from 12 to 24 VDC.
- Negative sign (-) display with signal codes is possible for Decimal-display Models.
- Models with zero suppression function available.

Model Configuration

■ Unit Configuration





List of Models

Display	Display	Туре	Type Model	
contents	color		Model with Zero Suppression (See note 1.)	Model with Blanking (See note 2.)
±1	Red	Positive		M7E-01BRP2
10 A		Negative		M7E-01BRN2
		Dynamic output		M7E-01BRD2
+	Green	Positive		M7E-01BGP2
		Negative		M7E-01BGN2
		Dynamic output		M7E-01BGD2
Decimal	Red	Positive	M7E-01DRP2	M7E-01DRP2-B
10 A		Negative	M7E-01DRN2	M7E-01DRN2-B
		Dynamic output	M7E-01DRD2	M7E-01DRD2-B
8. 1,2	Green	Positive	M7E-01DGP2	M7E-01DGP2-B
		Negative	M7E-01DGN2	M7E-01DGN2-B
		Dynamic output	M7E-01DGD2	M7E-01DGD2-B
	Red/green (two colors)	Negative	M7E-01DRGN2	M7E-01DRGN2-B
Hexadeci-	Red	Positive	M7E-01HRP2	M7E-01HRP2-B
mal		Negative	M7E-01HRN2	M7E-01HRN2-B
	Green	Positive	M7E-01HGP2	M7E-01HGP2-B
F		Negative	M7E-01HGN2	M7E-01HGN2-B

Display contents	Display color	Logic	Model	
Unit	Red		M7E-01UR2-□ (See note 3.)	No
Sec	Green		M7E-01UG2-□ (See note 3.)	

■ Accessories (Order Separately)

End Plate

Case color	Item	Model
Light gray		M7E-012M
Black		M7E-012M-1

Note: The Right and Left Plates form a pair.

Spacer

Case color	ltem	Model
Light gray		M7E-012PA
Black		M7E-012PA-1

Connectable PLCs

M	M7E model		PLC output method			
Display	Туре	Static	Dynamic			
contents		PNP output	NPN output	output		
±1, decimal	Positive	О	\bigtriangleup	\bigtriangleup		
	Negative	×	О	×		
	Dynamic output	×	×	0		
Hexa- decimal	Positive	О	\bigtriangleup	\bigtriangleup		
	Negative	×	О	×		
Unit		O (only voltage imposed)		nposed)		

O: Connectable

×: Not connectable

riangle : Connectable (See note.)

Note: Connectable but an external resistor is required and only 24 VDC must be supplied.

Refer to External Connections on page 9 and 10 for details.

- **lote: 1.** Models with zero suppression are blank only when the display is **3** and the decimal is OFF by wiring as shown on page 12.
 - **2.** Models with blanking enable turning OFF a user-specified display (\mathcal{G} to \mathcal{G} , \mathcal{R} to \mathcal{F}) by inputting a signal to the blank input terminal.
 - **3.** The symbol in the box (□) indicates the code for the display contents. Refer to page 13.

Connector

Te	erminal	Model
Solder terminal		NRT-C
Solder terminal		NRT-CN
PCB terminal		NRT-CP

Mother Board

Туре	Number of digits	Model
Static	4	M7E-01MB4-S2
Static	3	M7E-01MB3-S2
Static	2	M7E-01MB2-S2

Note: Refer to M7E Mother Board for Display Units (Character Height: 14 mm) for details.

Specifications

Ratings

Rated	power supply	Wide range from 12 to 24 VDC		
Allowable voltage fluctuation range		90% to 110% of rated voltage		
Current consumption (per Display Unit)		Red LED:	35 mA max. at 24 VDC 60 mA max. at 12 VDC	
		Greed LED:	40 mA max. at 24 VDC 75 mA max. at 12 VDC	
		Red/green LED:	45 mA max. at 24 VDC 90 mA max. at 12 VDC	
Input level	Positive logic	High: 9.6 V to power supply voltage Low: 0 to 3 V		
	Negative logic	High: 4 V to power supply voltage Low: 0 to 1.5 V Residual voltage: 1.5 V max. OFF leakage current: 0.1 mA max.		
Dynamic output		High: 4 V to power supply voltage Low: 0 to 1.5 V		
Ambient temperature		Operating: -10 to 55°C (with no icing) Storage: -25 to 70°C (with no icing)		
Ambient humidity		Operating: 35% to 85% (with no condensation)		

Installation

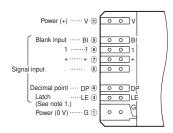
Terminal Arrangements and Functions

Terminal Arrangement

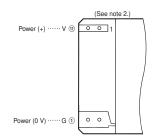
Note: The circled numbers are the connector pin numbers (NRT-[]).

±1. Display Unit

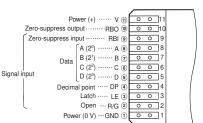
M7E-01B 2



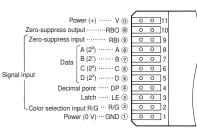
Unit Display Unit M7E-01U2-

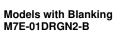


Decimal/Hexadecimal Display Unit (Single Color) Models with Zero Suppression Models with Blanking M7E-01D 2-B/M7E-01H 2-B M7E-01D 2/M7E-01H 2

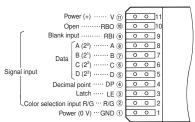


Decimal Display Unit (Two Colors) Models with Zero Suppression M7E-01DRGN2





Signal input



Power (+) ·····

Blank input RBI (9)

Data A (2°) ······ A (8) B (2°) ······ B (7)

Decimal point DP ④

Power (0 V) ... GND (1)

Open ······RBO (10)

C (2²) C 6

Latch ····· LE 3

Open ···· R/G 2

D (2³) D (5

V (ff

0 0 1

0 0 10 0 0 9

0 0 8

0 0

0 0 6

0 0

0 0

0 0 3

0 0 2

0 0

Note: 1. The latch terminal on ±1. Display Units is provided only on Dynamic Output Models.

2. The terminal numbers of the Unit Display Unit are different from the terminal numbers of the connector.

Characteristics

Insulation resistance	100 $M\Omega$ min. at 500 VDC (between each terminal and mounting panel)		
Dielectric strength	500 VAC at 50/60 Hz for 1 minute (between each terminal and mounting panel)		
Noise immunity (See note 2.)	Power terminal: ±500 V Input terminal: ±500 V (normal mode) ±1,500 V (common mode)		
Vibration resistance	Destruction: 10 to 55 Hz, 0.75-mm double amplitude		
Shock resistance	Destruction: 300 m/s ²		
Degree of protection	IEC IP40 (portion on panel surface)		
Compatible connector	OMRON NRT-C/NRT-CN/NRT-CP		

Note: 1. The above values are initial values.

2. Impulse conditions Rise time: 1 ns + 10% max. Pulse width: 100 ms, 1 µs Polarity: Positive, negative, asynchronous to power frequency, 100-Hz repeat frequency.

Terminal Functions

Ter-	Name	Function				
minal sym-		Decimal/Hexaded	imal Display Unit	Display Unit		
bol		Models with Zero Suppression				
V	Power supply	Positive power supply	input terminal			
RBO	Control output	Zero-suppress output (See note 1.)				
RBI	Control input	Zero-suppress output (See note 1.)	Blanking input (Turns OFF all the displays including decimal point.)			
BI	Control input			Blanking input (Turns OFF all the displays including decimal point.)		
A B C D	Data inputs	A (2 ⁰) B (2 ¹) C (2 ²) D (2 ³) A (2 ²) D (2 ³) A				
1 + -	Data inputs			Applicable to 1. Display Unit only For each input terminal, the input of a signal causes a display to light.		
DP	Data inputs	The decimal point lights.				
LE	Control input	Latch input The immediately preceding display condition is retained.				
R/G	Control input	Color selection input (See note 2.) Set low for green display and high for red display.				
G	Power supply	0-V power-supply (grou	0-V power-supply (ground) input terminal (GND)			

Note: 1. Refer to the input code table for RBO and RBI control.2. Applicable to the M7E-01DRGN2 and -01DRGN2-B only.

■ Input Codes

Models with Positive or Negative Logic

1. Display Unit

Positive Logic (M7E-01BRP2/M7E-01BGP2)

		In	Display			
Connector pin No.	9	7	6	8	4	conditions
Terminal symbol	BI	+	-	1	DP	
Input signals	L	L	L	L	L	Blank
	L	Н	L	L	L	+
	L	L	Н	L	L	-
	L	L	L	н	L	1
	L	L	L	L	н	
	Н	*	*	*	*	Blank (See note.)

Note: 1. BI takes precedence over any input signal.

2. Inputting + and - simultaneously enables to display ±.

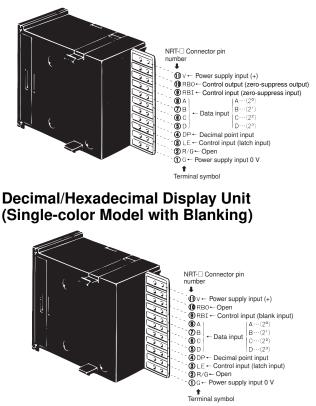
* Either high or low.

Unit Display Unit

This display lights when voltage is applied to the power supply terminals (V and G).

V-G terminals	Display
Open circuit	Blank
Voltage applied	Lit

Decimal/Hexadecimal Display Unit (Single-color Models with Zero Suppression)



		In	Display			
Connector pin No.	9	7	6	8	4	conditions
Terminal symbol	BI	+	-	1	DP	
Input signals	Н	Н	Н	Н	Н	Blank
	Н	L	Н	Н	Н	+
	Н	Н	L	Н	Н	-
	Н	Н	Н	L	Н	1
	Н	Н	Н	Н	L	•
	L	*	*	*	*	Blank (See note.)

Note: BI takes precedence over any input signal.

* Either high or low.

Decimal/Hexadecimal Display Unit

Models with Zero Suppression

Positive logic (M7E-01DRP2/M7E-01DGP2/M7E-01HRP2/ M7E-01HGP2)

				Inpu	It			Out- put	Display	condition	
Connector pin No.	3	5	6	7	8	4	9	10			
Terminal number	3	5	6	7	8	4	9	10			
Terminal symbol	LE	D	С	В	Α	DP	RBI	RBO	Decimal	Hexadeci- mal	
Input	L	Ц	L	Ц	Ц	L	Ц	L		0	
signals	L	Ц	L	Ц	н	L	*	L		1	
	L	L	L	Н	L	L	*	L		2	
	L	L	L	Н	Н	L	*	L		3	
	L	Ц	Н	Ц	Ц	L	*	L		ч	
	L	Ц	Н	Ц	н	L	*	L		5	
	L	L	Н	Н	L	L	*	L	δ		
	L	Ц	Н	н	н	L	*	L		7	
	L	т	L	Ц	Ц	L	*	L		8	
	L	н	L	Ц	н	L	*	L		9	
	L	Н	L	Н	L	L	*	L	-	8	
	L	Н	L	Н	Н	L	*	L	Blank	Ь	
	L	н	Н	L	L	L	*	L	Blank	٢	
	L	H	Н	L	Η	L	*	L	Blank	d	
	L	Н	Н	Н	L	L	*	L	Blank	Ε	
	L	Н	Н	Н	Н	L	*	L	Blank	۶	
	L	*	*	*	*	Н	*	L		•	
	*	L	L	L	Г	L	Ξ	Н	Blank (S	ee note 1.)	
	Н	*	*	*	*	*	*	*	Retains the display conditions of A through D and DP terminals before LE goes high. RBI is not related.		

Note: 1. The display will go blank when the data input is "0" and the DP is OFF.

- * Either high or low
 - 2. If the input terminals are open when the power supply is turned ON, the voltage between the input terminals will not be stable, the LE terminal may go high, and the M7E may show unexpected displays. When you turn ON the power supply, we recommend that you either set the LE terminal to low or input a signal to the specified terminals from the host.

Negative logic (M7E-01DRN2/M7E-01DGN2/M7E-01DRGN2/M7E-01HRN2/M7E-01HGN2)

				Inpu	t			Out- put	Display	Display condition			
Connector pin No.	3	5	6	7	8	4	9	10					
Terminal number	3	5	6	7	8	4	9	10					
Terminal symbol	LE	D	С	В	A	DP	RBI	RBO	Decimal	Hexadec- imal			
Input	Н	Н	Н	Н	Н	Н	Н	Н		0			
signals	Н	Н	Н	Η	L	Н	*	н		1			
	Н	Н	Н	L	Н	Н	*	Н		2			
	Н	Н	Н	L	L	Н	*	н		3			
	Н	Н	L	Η	Н	Н	*	н		ч			
	Н	Н	L	Η	L	Н	*	Н		5			
	Н	Н	L	L	Н	Н	*	Н		6			
	Н	Н	L	L	L	Н	*	Н		7			
	Н	L	Н	Η	Н	Н	*	Н		8			
	Н	L	Н	Н	L	Н	*	Н		9			
	Н	L	Н	L	Н	Н	*	Н	-	8			
	Н	L	Н	Г	L	Н	*	Н	Blank	ь			
	Н	L	L	Н	Н	Н	*	Н	Blank	٢			
	Н	L	L	Н	L	Н	*	Н	Blank	d			
	Н	L	L	Г	Н	Н	*	Н	Blank	ε			
	Н	L	L	L	L	Н	*	Н	Blank	۶			
	Н	*	*	*	*	L	*	Н		•			
	*	Н	Н	Η	Н	Н	L	L	Blank (S	See note.)			
	L	*	*	*	*	*	*	*	conditions through D R/G termi LE goes I	Retains the display conditions of A through D, DP and R/G terminals before LE goes low. RBI is not related.			

Note: The display will go blank when the data input is "0" and the DP is OFF.

* Either high or low

Models with Blanking

Positive logic (M7E-01DRP2-B/M7E-01DGP2-B/M7E-01HRP2-B/M7E-01HGP2-B)

			I	nput	Display co	ndition					
Connector pin No.	3	9	5	6	7	8	4				
Terminal number	3	9	5	6	7	8	4				
Terminal symbol	LE	RBI	D	С	в	Α	DP	Decimal	Hexa- decimal		
Input	L	L	L	L	L	L	L	0			
signals	L	L	L	L	L	Н	L	1			
	L	L	L	L	Н	L	L	2			
	L	L	L	L	Н	Н	L	3			
	L	L	Г	н	L	L	L	ч			
	L	L	Г	н	L	Н	L	5			
	L	L	L	Н	Н	L	L	6			
	L	L	Г	н	Н	Н	L	7			
	L	L	н	Ц	L	L	L	8			
	L	L	н	Ц	L	Н	L	9			
	L	L	н	Ц	Н	L	L	-	8		
	L	_	н	Ц	Н	Н	L	Blank	Ь		
	L	L	Н	Н	L	L	L	Blank	Ľ		
	L	L	Н	Н	L	Н	L	Blank	d		
	L	L	Н	Н	Н	L	L	Blank	Ε		
	L	L	Н	Н	Н	Н	L	Blank	۶		
	*	L	*	*	*	*	Н	•			
	*	Н	*	*	*	*	*	Blank (See note.)			
	Н	L	*	*	*	*	*	Retains the display conditions of A through D terminals before LE goes high. DP is not related.			

Negative logic (M7E-01DRN2-B/M7E-01DGN2-B/M7E-01DRGN2-B/M7E-01HRN2-B/M7E-01HGN2-B)

			I	nput	Display co	ndition						
Connector pin No.	3	9	5	6	7	8	4					
Terminal number	3	9	5	6	7	8	4					
Terminal symbol	LE	RBI	D	С	В	A	DP	Decimal	Hexa- decimal			
nput	Н	Н	Н	Н	Н	Н	н	0				
signals	Н	Н	Н	Н	Н	L	Н	1				
	Н	Н	Н	Н	L	Н	Н	2				
	Н	Н	Н	Н	L	L	Н	3				
	Н	H	Н	L	Η	Н	н	ч				
	Н	H	Н	L	Η	L	н	5				
	Н	Н	Н	L	Г	Н	Н	5				
	Н	Н	Н	L	L	L	Н	7				
	Н	H	L	Н	Η	Н	н	8				
	Н	Н	L	Н	Н	L	Н	9				
	Н	Н	L	Н	L	Н	Н	-	8			
	Н	Н	L	Н	L	L	Н	Blank	Ь			
	Н	Н	L	L	Н	Н	Н	Blank	٢			
	Н	Н	L	L	Н	L	Н	Blank	d			
	Н	Н	L	L	L	Н	Н	Blank	ε			
	Н	Н	L	L	Г	L	Н	Blank	۶			
	*	Н	*	*	*	*	L					
	*	L	*	*	*	*	*	Blank (See note.)				
	L	Т	*	*	*	*	*	Blank (See note.) Retains the display conditions of A through D, and R/G terminals before LE goes low. DP is not related.				

Note: RBI takes precedence over any input signal.

* Either high or low

Note: RBI takes precedence over any input signal.

* Either high or low

Models with Dynamic Outputs

<u>±1. Display Unit</u>

(M7E-01BRD2/M7E-01BGD2)

			Inp	out			Display condition
Connector pin No.	3	9	7	6	8	4	
Terminal symbol	LE	BI	+	-	1	DP	
Input	L	Н	L	L	L	Н	Blank
signals	L	Н	Н	L	L	Н	+
	L	Н	L	Н	L	Н	-
	L	Н	L	L	Н	Н	t
	*	Н	*	*	*	L	
	*	L	*	*	*	*	Blank (See note.)
	Н	Т	*	*	*	*	Retains the display conditions of +, -, and 1 before LE goes high. DP is not related.

Note: BI takes precedence over any input signal.

* Either high or low

Decimal Display Unit

Models with Zero Suppression (M7E-01DRD2/M7E-01DGD2)

				Inpu	it			Out- put	Display condition
Connector pin No.	3	5	6	7	8	4	9	10	
Terminal number	3	5	6	7	8	4	9	10	
Terminal symbol	LE	D	С	в	A	DP	RBI	RBO	
Input	L	L	L	L	L	Н	L	L	G (See note 1.)
signals	L	L	L	L	Н	Н	*	L	1
	L	L	L	Н	L	Н	*	L	2
	L	L	L	Н	Н	Н	*	L	3
	Г	Ц	Н	Ц	Ц	Н	*	L	Ч
	Г	Ц	Н	Ц	т	Н	*	L	5
	L	L	Н	Н	L	Н	*	L	5
	L	L	Н	Н	Н	Н	*	L	7
	Г	т	L	Ц	Ц	Н	*	L	8
	L	Н	L	L	н	Н	*	L	9
	L	Н	L	Н	L	Н	*	L	-
	L	Н	L	Н	Н	Н	*	L	Blank
	L	Н	Н	L	L	Н	*	L	Blank
	L	Н	Н	L	Н	Н	*	L	Blank
	L	Н	Н	Н	L	Н	*	L	Blank
	L	Н	Н	Н	н	Н	*	L	Blank
	L	*	*	*	*	L	*	L	•
	*	L	L	L	L	Н	Н	Н	Blank (See note 2.)
	I	*	*	*	*	*	*	*	Retains the display conditions of A through D, and DP terminals before LE goes high. RBI is not related.

Note: 1. Input low for RBI when data "0" is displayed. RBI will go high in open mode and the zero suppression will function.

2. The display will go blank when the data input is "0" and the DP is OFF.

* Either high or low

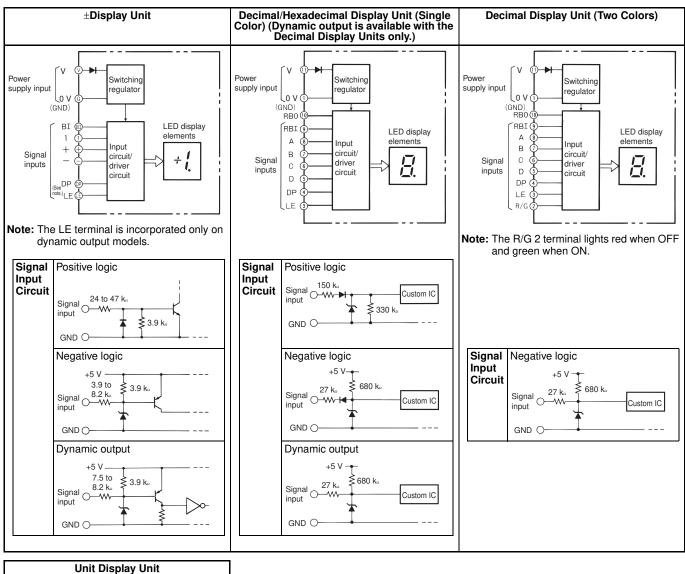
Models with Blanking (M7E-01DRD2-B/M7E-01DGD2-B)

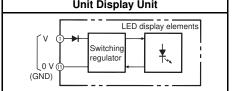
				Input				Display
Connector pin No.	3	9	5	6	7	8	4	condition
Terminal number	3	9	5	6	7	8	4	
Terminal symbol	LE	RBI	D	c	В	A	DP	
Input	L	Н	L	L	L	L	Н	0
signals	L	Н	L	L	L	Н	Н	1
	L	Н	L	L	Η	L	н	2
	L	Н	L	L	Н	Н	Н	3
	L	Н	L	Н	L	L	Н	ч
	L	Н	L	Н	L	Н	Н	5
	L	Н	L	Н	Н	L	Н	5
	L	Н	L	Н	Н	Н	Н	7
	L	Н	Н	L	L	L	Н	8
	L	Н	Н	L	L	Н	Н	9
	L	Н	Н	L	Н	L	Н	-
	L	Н	Н	L	Н	Н	Н	Blank
	L	Н	Н	Н	L	L	Н	Blank
	L	Н	Н	Н	L	Н	Н	Blank
	L	Н	Н	Н	Н	L	Н	Blank
	L	Н	Н	Н	Н	Н	Н	Blank
	*	Н	*	*	*	*	L	•
	*	L	*	*	*	*	*	Blank (See note.)
	Н	Η	*	*	*	*	*	Retains the display conditions of A through D terminals before LE goes high. DP is not related.

 $\label{eq:Note: RBI takes precedence over any input signal.$

* Either high or low

Block Diagram Note: Circled numbers are the board terminal numbers.





Note: The terminal numbers of the Unit Display Unit are different from the terminal numbers of the connector. Refer to *Terminal Arrangements and Functions* on page 3 for details.

External Connections

Refer to the Terminal Arrangement on page 3 and the Block Diagram on page 8 for external connections for each unit.

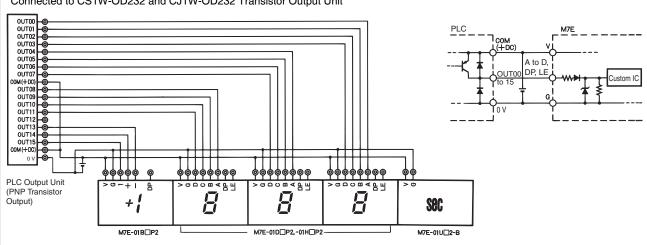
Example of connection to a PLC.

- Refer to the PLC operation manual before connecting the PLC.
- The number of wires can be reduced by using a PLC with dynamic outputs.

_Static Output Unit _

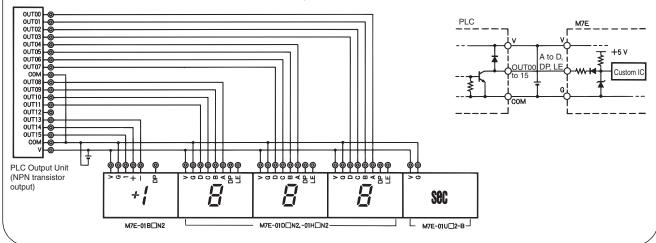
1. M7E-01 P2 Positive Logic Model Use a PNP Transistor Output Unit for the PLC Output Unit.

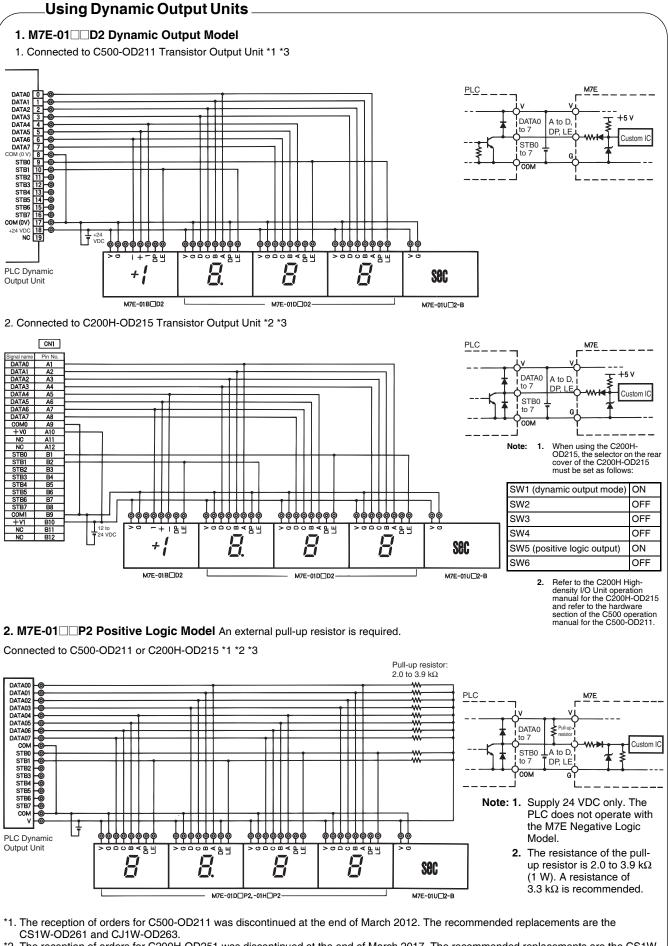
Connected to CS1W-OD232 and CJ1W-OD232 Transistor Output Unit



2. M7E-01 N2 Negative Logic Model Use an NPN Transistor Output Unit for the PLC Output Unit.

Connected to CS1W-OD261 and CJ1W-OD231 Transistor Output Unit

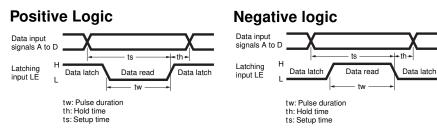




*2. The reception of orders for C200H-OD251 was discontinued at the end of March 2017. The recommended replacements are the CS1W-OD231 and CJ1W-OD231.

*3. The above recommended replacements are not Dynamic Output Units. Therefore, ladder programming will be required to use them as replacements.

■ Operation Timing (Input Signal Timing)



Pulse duration (tw)	1.5 ms min.
Hold time (th)	0.75 ms min.
Setup time (ts)	2.25 ms min.

■ Operation Chart

• The following example shows the relationship between each input terminal signal and the display condition for a Negative-logic Decimal Display Unit with Blanking.

Terminal displayed			0	1	2	3	4	5	6	7	8	9		Description
Input signals	A (2 ⁰)	H L		1		1		1					r	Inputs the data signal as BCD (or binary code).
	B (21)	H L					J							
	C (2 ²)	H L					1							
	D (2 ³)	H L									1		r	
	DP	H L				1								Low when the decimal point lights.
	LE	H L												Low when all the display is to be retained. (High is maintained until the signal goes low.)
Display o	ondition		[]	- /		+ <u>/+ _7.</u>	· '-'	-5	5-5-	7	8	9		
Remarks	;			Th by	e " /" display is the LE signal.	retained		The '	"5" display is r e LE signal.	etained				

• Using the latch input (LE) terminal for each Unit, the data input terminals (A to D) can be used in common yet still enable display on each Unit (example of a 3-digit dynamic-output model with positive logic).

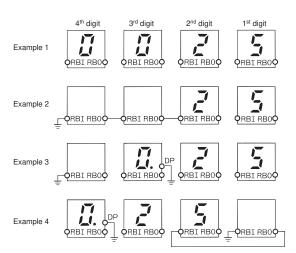
Data			0 (power: ON)	5	7	6	1	
sigr (A te	als DD)			\bigcirc	\frown	\frown		Data input signals
Latch	3 rd	Н		Data read			Data read	latch input signal
input sig- nals	digit (LE3)	L	Data latch	\sim	Data	latch		(third digit)
nais	2 nd	н			Data read			latch input signal
	digit (LE2)	L		Data latch		Data latch		(second digit)
	1 st	Н				Data read		latch input signal
	digit (LE1)	L		Data latch			Data latch	(first digit)
Display condition	n			3 rd -digit display change	2 nd -digit display change	1 st -digit display change	3 rd -digit display change	A numeric value is displayed one digit at a time via data
		ł						signals A to D.

Example of Zero Suppression Usage: Description Using Negative Logic Model

The zero suppression function operates when the display is ${\it I\!\!I}, {\rm RBI}$ is low and the decimal point is not lit.

- Example 1: The RBI input and RBO output of each digit are open when zero suppression is not being used.
- Example 2: Wired as shown to display only 2 for the rightmost digit when zero suppression is being used.
- Example 3: Zeros are suppressed only for the digits on the left of the digit where the decimal is lit when both zero suppression and a decimal point are being used.
- Example 4: Zeros are suppressed to the right of the first digit below the decimal point when both zero suppression and a decimal point are being used. If the first-to-fourth-digit values are all 0 and the decimal point is lit at the fourth digit, **GG** will be displayed. (There is no data in \Box .)

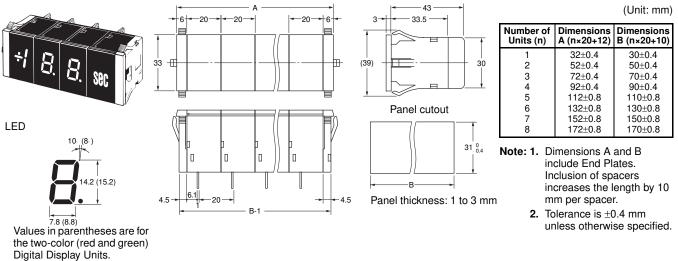
Note: Use RBO output for the RBI input connection only.



Dimensions

Note: All units are in millimeters unless otherwise indicated.

M7E-01



■ Accessories (Order Separately)

End Plate Spacer M7E-012M(-1) M7E-012PA(-1) 33.5 Left End **Right End** (39) (39) -33 33 (39) 33 30 33.5 33.5 Ħ -30 (4.3)(4.3) 4.5 30 . 4.5 4.5 Note: Tolerance is ± 0.4 mm unless otherwise specified.

Connector

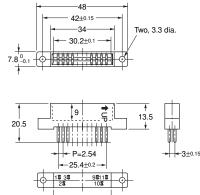
NRT-C Soldered Terminal

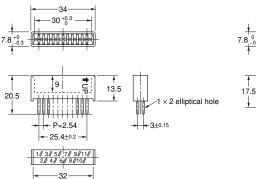
NRT-CN Soldered Terminal

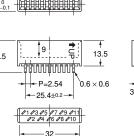
NRT-CP PCB Terminal

- 30.2±0.1

- 25.4±0.2 ·







Face Plate

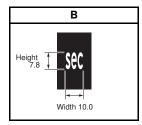
- The required face plate is used with the Unit Display Unit, which incorporates a surface-lighting LED.
- The following face plates are available. When ordering the M7E-01U 2- 18, add the suffix according to your requirement.
- Custom face plates can be made.

Symbol	Α	В	С	D	E	F	G	Н	J	JC1	Κ	v	Z1
Display contents	Blank display	sec	min	h	g	kg	mm	cm	m	m/min	°C	rpm	%

Character Dimensions

Height	-	7.8	11.0	9.7	10.5	13.8	7.5	7.5	7.5	12.5	9.2	10.5	9.0
Width	-	10.0	10.0	5.0	5.0	10.0	10.5	10.0	8.5	12.0	9.5	11.0	9.0

Example of Dimensions



ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

In the interest of product improvement, specifications are subject to change without notice.

(Unit: mm)

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