






Display unit(D5Y/D5W, D1SC, D1SA, D1AA series)

■ **Ordering information**

D	5	W	-	M	X	
						*
						12-24VDC
						X 110/220VAC 50/60Hz(Option)
						M Multi-input mode
						Y DIN W72×H36mm
						W DIN W96×H48mm
						5 5 digit(99999)
						D Display Unit

*D5Y series does not have AC power supply.

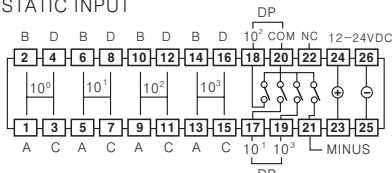
■ **Specifications**

Model	D5Y-M	D5W-M	D5W-MX
Appearances & Dimensions	 [W72×H36×L91mm]	 [W96×H48×L99.6mm]	
Digit size	W8×H14.1mm		
Power supply	12-24VDC ±10%	12-24VDC ±10%	110/220VAC 50/60Hz(Option)
Display character	0-9, Decimal, - Symbol(When it is serial input)		
Max. response frequency	Max. 5kHz(Except for STATIC input type)		
Input method	BCD ⇔ Static, Dynamic, Serial(4/ 5/ 16/ 20/ 25Bit)type [by inner DIP switch]		
Input logic	Selectable positive or negative logic [Internal DIP switch(SW6)]		
Input level	High : 5-24VDC, Low : 0-1.2VDC		
Input resistance	22kΩ		
Display FND	Red LED(7 Segment)	Red LED(7 Segment)	Green LED(7 Segment)
Model	D1SC-N	D1SA-RN	* D1SA-GN
Appearances & Dimensions	 [W72×H96×L25.7mm]	 [W20×N+12×H33×L56.5mm]	 [W20×N+12×H33×L56.5mm]
Digit size	W11×H20mm		
Power supply	12-24VDC ±10%		
Display character	• Decimal number:0-9, Decimal point • Hexa-decimal number:0-F, Decimal point		0-9, A to Z, Decimal point, 24 kinds of symbols
Max. response frequency	Max. 3kHz(Except for STATIC input type)		
Input method	BCD Code Parallel:Parallel 4bit binary data, Latch, Zero blank, Decimal point Serial:Serial 4bit or 5bit(Decimal point), Clock, Zero blank, Latch, Decimal point(When not selecting serial DOT)		BCD Code Parallel:Parallel 6bit binary data, Latch, Decimal point Serial:Serial 6bit or 7bit(Decimal point), Clock, Latch, Decimal point(When not selecting serial DOT)
Output	Data out [Serial DATA input case], ZERO BLANK OUT		
Input logic	Selectable positive (PNP) or negative (NPN) by inner switch(SW1)	Selectable positive (PNP) or negative(NPN) by inner soldering	
Input level	HI:4.5-24VDC, LOW:0-1.2VDC		
Input resistance	12kΩ	20kΩ	

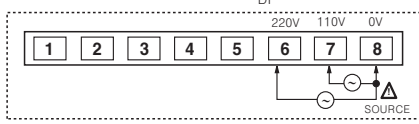
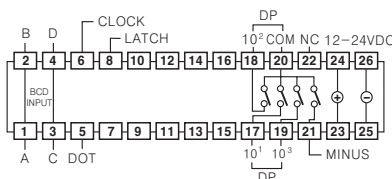
*Green LED type is option.

■ **Connections(D5Y/D5W series)**

● **STATIC INPUT**

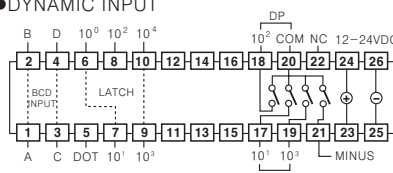


● **4/5BIT SERIAL INPUT**

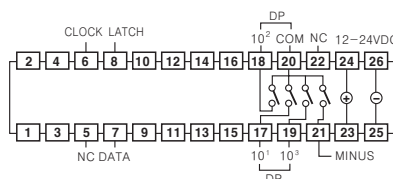


*This power terminal is for AC power for D5W type.(Option)

● **DYNAMIC INPUT**



● **SERIAL INPUT**



- * In case of static input, 5 digits type is not available because of external terminal of input signal.
- * The minus signal cannot be displayed because the display range is from 0 to 99999 when using 5 digits for dynamic, 4/5bit serial and serial input.
- * The input signal of external terminals (pin #17, 18, 19) and minus signal terminal (Pin #21) is displayed when it is connected to com (#20 pin) regardless input logic.

Counter
Timer
Temp. controller
Power controller
Temp./ Humidity transducer
Thermo couples & RTD
Panel meter
Tacho/ Speed/ Pulse meter
Display unit
Serial converter module
Graphic panel
Sensor controller/ Switching power supply
Proximity sensor
Photo electric sensor
Pressure sensor
Rotary encoder
Stepping motor & Driver & Controller