

# Selection Guide


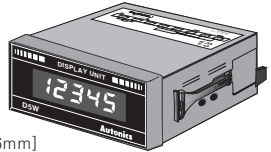

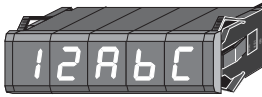
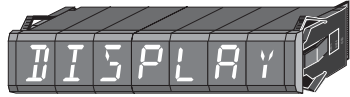
## DISPLAY UNIT

### Ordering information

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

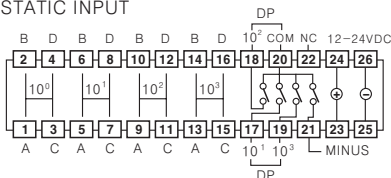
\*D5Y series does not have AC power supply.

### Specifications

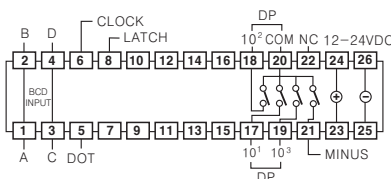
Model	D5Y-M	D5W-M	D5W-MX		
Appearances & Dimensions	 [W72×H36×L91mm]	 [W96×H48×L99.6mm]			
Digit size	W8×H14.1mm				
Power supply	12-24VDC ±10%	12-24VDC ±10%	110/220VAC 50/60Hz ±10%		
Display character	0-9, Decimal point				
Max. clock speed	Max. 100Hz~5kHz, in case of duty ratio(ON:OFF) 1:1				
Input method	BCD input ⇨ Static 100ms, 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	HI:5-24VDC, LOW:0-2VDC	HI:4.5-24VDC, LOW:0-1.2VDC			
Input resistance	22kΩ	12kΩ			
Display FND	Red LED(7 Segment)	Red LED(7 Segment)	Green LED(7 Segment)	Red LED(16 Segment)	Green LED(16 Segment)
Model	<b>D1SC-N</b>	<b>D1SA-RN</b>	<b>D1SA-GN</b>	<b>D1AA-RN</b>	<b>D1AA-GN</b>
Appearances & Dimensions	 [W72×H96×L25.7mm]	 [W20×N+12×H33×L56.5mm]		 [W20×N+12×H33×L56.5mm]	
Digit size	W31.9×H56.9mm	W11×H20mm			
Power supply	12-24VDC ±10%				
Display character	Decimal code:0-9, decimal point, Hexa-decimal code:0-F, decimal point	0-9, A to Z, decimal point, 24 kinds of symbols			
Max. response frequency	Max. 3kHz [In case of duty ratio(ON:OFF) 1:1]	Max. 3kHz [But, Duty rate(ON:OFF) 1:1 only]			
Input method	BCD input ⇨ Selectable Parallel or Serial mode[by back DIP switch(SW2)]	BCD input ⇨ Parallel : Parallel 4 bit binary data, Zero blank, Latch, Decimal point Serial : Serial 4 bit or 5 bit (Including decimal point), Clock, Zero blank, Latch, Decimal point (without serial DOT)		BCD input ⇨ Parallel : Parallel 6 bit binary data, Latch, Decimal point Serial : Serial 6 bit or 7 bit (including decimal point), Data, Clock, Latch, Decimal point (without serial DOT)	
Output	Data out(In case of serial input), Zero blank out				
Input logic	Selectable positive or negative logic[by back DIP switch(SW1)]	Selectable positive or negative logic by soldering on PCB			
Input level	HI:4.5-24VDC, LOW:0-1.2VDC Max.				
Input resistance	12kΩ	20kΩ			

### Connections(D5Y/D5W series)

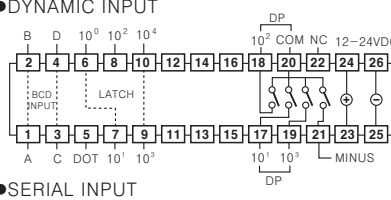
#### STATIC INPUT



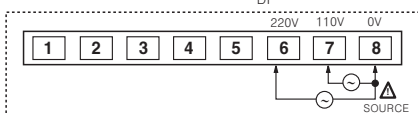
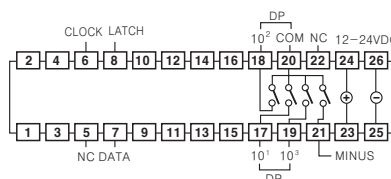
#### 4/5BIT SERIAL INPUT



#### DYNAMIC INPUT



#### SERIAL INPUT



\*This power terminal is for AC power for D5W type.(Sold separately)

- \*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.