

Panel Mount 5-digit Display Unit



D5Y / D5W Series CATALOG

For your safety, read and follow the considerations written in the instruction manual, other manuals and Autonics website.

The specifications, dimensions, etc. are subject to change without notice for product improvement. Some models may be discontinued without notice.

Features

- Various input specifications
- - Static Parallel input, Dynamic Parallel input, 4/5-bit Serial input, 16/20/25-bit Serial input method
- Decimal point, minus sign display selection function
 - Display type by serial input, external DP terminal and Minus terminal
- Positive/Negative logic input selection function
- Display digit selection function
 - 4-digit (-9999 to 9999), 5-digit (0 to 99999)
- Zero blanking function selection function
- Selectable reversion function of latch signal

Ordering Information

This is only for reference, the actual product does not support all combinations. For selecting the specified model, follow the Autonics website.

D 5 ① - M ②

① Size

Y: DIN W 72 × H 36 mm
W: DIN W 96 × H 48 mm

② Power supply

No mark: 12 - 24 VDC≐
X: 110 / 220 VAC~ 50 / 60 Hz (W size)

Product Components

- Product × 1
- Bracket (for D5Y) × 2
- Instruction manual × 1

Specifications

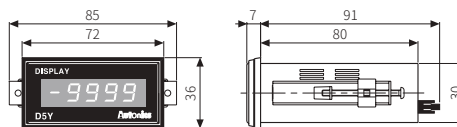
Model	D5Y-M	D5W-M	D5W-MX
Power supply	12 - 24 VDC≡		110 / 220 VAC～ 50 / 60 Hz
Allowable voltage range	90 to 110 % of power supply		
Current consumption	1.1 W		2 VA
Size (W×H)	DIN 72 × 36 mm	DIN 96 × 48 mm	
Display method	7-segment LED Display		
Display digit / display range	4-digit / -9999 to 9999 5-digit ⁰¹⁾ / 0 to 99999		
Max. response CLOCK	100 Hz to 5 kHz ⁰¹⁾		
Input level	High: 5 - 24 VDC≡, Low: 0 - 1.2 VDC≡		
Input logic	Positive logic (PNP), negative logic (NPN)		
Input method	Static, Dynamic, 4 / 5-bit serial, Serial (16 / 20 / 25-bit)		
Insulation resistance	100 MΩ (500 VDC≡ megger)		
Dielectric strength	2000 VAC～ 50 / 60 Hz for 1 min		
Noise immunity	±1 kV the square wave noise (pulse width: 1 μs) by the noise simulator		
Vibration	0.75 mm double amplitude at frequency of 10 to 55 Hz (for 1 min) in each of X, Y, Z directions for 1 hour		
Vibration (malfunction)	0.5 mm double amplitude at frequency of 10 to 55 Hz (for 1 min) in each of X, Y, Z directions for 10 min		
Shock	300 m / s ² (≈ 30 G) in X, Y, Z directions for 3 times		
Shock (malfunction)	100 m / s ² (≈ 10 G) in X, Y, Z directions for 3 times		
Ambient temperature	-10 to 50 °C, storage: -25 to 65 °C (no freezing or condensation)		
Ambient humidity	35 to 85 %RH, storage: 35 to 85 %RH (no freezing or condensation)		
Approval	ERC		
Weight	≈ 75 g	≈ 165 g	≈ 267 g

01) Except for Static input method

Dimensions

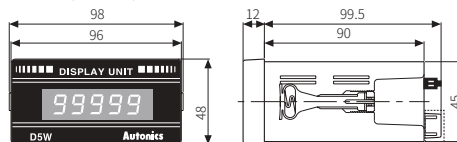
- Unit: mm, For the detailed drawings, follow the Autonics website.

■ D5Y

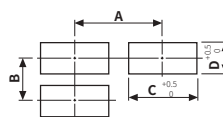


■ D5W

- Only for AC power model.



■ Panel cut-out



Model	A	B	C	D
D5Y	≥ 91	≥ 40	67	31
D5W	≥ 112	≥ 50	67	45.5