

Accessories (Optional)

Name		Part No.	
Spacer Unit	Black	DD9Z-FY1-B	
End Plate (pair)	Black	DD9Z-W-B	
Connector	Solder Terminal	DMC-1	
	PC Board Terminal	DMC-2	
Retentive/One-way Insertion Connector	Solder Terminal	DD9Z-CN1	
Connector Stopper		DD9Z-ST1	
Mother Board for decimal/hex/extra decimal display unit	Dynamic	4-digit	DD9Z-MB1-4
		2-digit	DD9Z-MB1-2
	Static	4-digit	DD9Z-MB2-4
		2-digit	DD9Z-MB2-2
Mother Board Connector	Type B	DD9Z-JE1B□	
	Type C	DD9Z-JE1C□	
Coupling Spacer for IDEC DG Series Digital Switches	Right Side	Black	DD9Z-FG1R-B
	Left Side	Black	DD9Z-FG1L-B

Cable Length Code

Specify a cable length code in place of □ in the Part No. of mother board cable types A, B, and C. These cables can be used for both dynamic and static type mother boards.

Code	01	02	03	05	10
Cable Length (mm)	100	200	300	500	1000
Code	15	20	30	40	50
Cable Length (mm)	1500	2000	3000	4000	5000

Specifications

Power Voltage	12 to 24V DC ±10%	
Current Draw	Decimal/Hex/Extra decimal	40 mA max. (red) 40 mA max. (green)
Data Input Level	L: 0 to 2V H: 9 to 30V	
Display Character (see Function Tables)	<ul style="list-style-type: none"> Decimal display unit 7-segment 1-color (red or green) LED: 0 to 9, decimal point Extra decimal display unit 7-segment 1-color (red or green) LED: 0 to 9, -, =, =, decimal point Hexadecimal display unit 7-segment 1-color (red or green) LED: 0 to 9, A to F, decimal point 	
Character Height	• Decimal/Hex/Extra Decimal display units: 14.2 mm	
Input	<ul style="list-style-type: none"> Decimal/Hex/Extra Decimal display units: <Standard> Binary, Latch, BL, LT, DP <Zero-suppress> Binary, Latch, BL, LT, DP, RBI 	
Output	<ul style="list-style-type: none"> Decimal/Hex/Extra Decimal display units: <Zero-suppress> RBO output 	
Input Logic	Positive or negative	
No. of Digits	8 digits max.	
Unit Combination	Snap fit	
Panel Mounting	Snap fit	
Dielectric Strength	• Decimal/Hex/Extra decimal display units Between live and dead parts : 1500V DC, 1 minute	
Insulation Resistance	Between live and dead parts : 100 MΩ min. (500V DC megger)	
Vibration Resistance (damage limits)	10 to 55 Hz, amplitude 0.25 mm	
Shock Resistance (damage limits)	490 m/s ²	
Noise Resistance (operating extremes)	<ul style="list-style-type: none"> Decimal/Hex/Extra decimal display unit Power terminal (normal/common modes): ±1000V Input terminal (normal/common modes): ±1000V Output terminal (normal/common modes): ±500V (Impulse condition: Pulse width 100 ns, 1 μs) 	
Operating Temperature	-10 to +55°C (no freezing)	
Storage Temperature	-25 to +80°C (no freezing)	
Operating Humidity	35 to 85% RH (no condensation)	
Power Inrush Current	• Decimal/Hex/Extra decimal display unit Approx. 0.3A (Power voltage: 24V)	
Degree of Protection	IP40 (IEC60529)	
Weight (Approx.)	<ul style="list-style-type: none"> Display unit: 16g End plates: 4.5g (pair) 	