



1999

DE-735D DC Voltage/Current Meter
DE-735A AC Voltage/Current Meter

Features

- Measuring DC V, DC A, AC V, AC A.
- 4~20mA, 1~5V Measurement
- Low Cost
- DIN Case 72 x36mm

Specifications

Display : 3 1/2(1999) digits, 0.56" (14.2mm) height LED

Conversion Rate : 2.5/sec. (DC), 1/sec. (AC)

Span Adjustment : ±10%

Polarity Display : "-" symbol is displayed automatically

Over Range Indication : " 1 " or " -1 "

Accuracy : DC ±0.1% F.S. ±1 digit

(23 ±5°C) AC ±0.25% F.S. ±1 digit

Operating Temp. / Humidity : 0~50°C / Below 80% R.H.
 (No Condensation)

Storage Temp. / Humidity : -10~60°C / Below 70% R.H.
 (No Condensation)

Power Supply : AC 115/230V ±10%, 50/60Hz
 DC 24V ±20%

Power Consumption : Approx. 2VA

Weight : Approx. 200g

Dielectric Strength : Isolation between input & output
 AC 1500V/1min

Insulation Resistance : More than 100MΩ between
 terminals at 500V DC

Dimension : 72(W) x36(H) x117(D)mm

Panel Cut-Out : 68(W) x33(H)mm

Voltage Measurement

Order Code	Range	Input Impedance	Input Protection
V1	0~199.9mV	100MΩ	100V
V2	0~1.999V	1MΩ	250V
V3	0~19.99V	1MΩ	500V
V4	0~199.9V	1MΩ	750V
V5	0~600.0V	1MΩ	750V

Current Measurement

Order Code	Range	Input Impedance	Input Protection
A1	0~199.9uA	1KΩ	100mA
A2	0~1.999mA	100Ω	300mA
A3	0~19.99mA	10Ω	500mA
A4	0~199.9mA	1Ω	1A
A5	0~1.999A	0.1Ω	5A

Analog Input Measurement

Order Code	Range	Input Impedance	Input Protection
11	1~5V (DC)	1MΩ	300V
21	4~20mA (DC)	10Ω	200mA

Order Code

DE-735D
DE-735A

Range

V1~V5

A1~A5

11, 21

00 : Option

Power Supply

1 : AC 115/230V ±10% , 50/60Hz

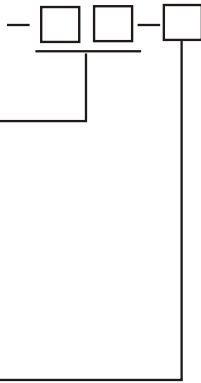
Y : Option (DC 24V ±20%)

Code Number

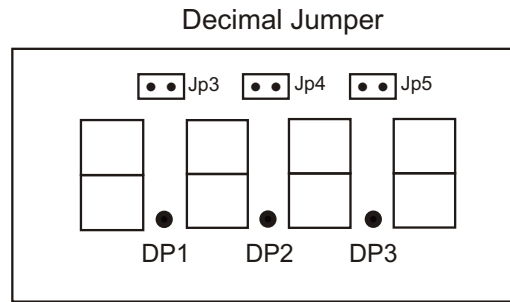
Example : DE - 735A - A5 - 1

Measurement : AC 0~1.999A

Power Supply : AC 115/230V ±10%, 50/60Hz



Front Panel

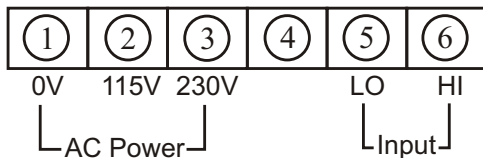


※ **Decimal Select** : Short 5 → 1XX . X

Short 4 → 1X . XX

Short 3 → 1 . XXX

Connection Diagram



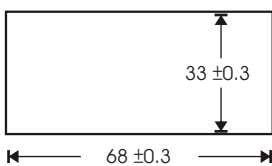
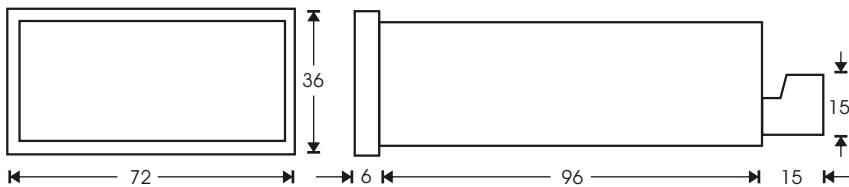
After Panel



SPAN Span full scale Adj ±10%

ZERO Zero offset Adj ±5%

Dimension



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DER EE

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ISO 9001

Appearance and specification may be revised if needed without notice in prior.