



RoHS

### ■ FEATURES

- Accuracy 0.1% F.S. ±1 digit
- Programmable rate -19999 to 99999 digit
- Self-power, measuring DCA/DCV
- Dimension small (24x48x48.5mm) and High stability
- Discrete terminal, connector easy
- CE EMC certification

### 1. MODEL: MA24-L

NO	Input Type	NO	DCV	NO	DCV	NO	DCA	NO	DCA
A	DC	11	0~50mV	15	0~54V	21	0~20.000uA	25	0~200.00mA
		12	0~5V	16	0~110V	22	0~200.00uA	26	0~2.000A
		13	0~10V	17	0~600V	23	0~2.0000mA	27	0~5.000A
		14	0~36V	19	SPECIFIED	24	0~20.000mA	29	SPECIFIED

### 2. SPECIFICATION

- Aux. power supply : None
- Measuring accuracy (range): 0.1% F.S. ±1 digit (1~100% F.S.) (23±5°C)
- Input resistance : >100Mohm (<2V range)  
>2Mohm (<2V range)  
< 0.25VA (current ranges)
- Maximum input : < 1000Vrms (>DC1000V)  
< 150Vrms (<DC100V)  
< max. 2 x rated (DCA)
- ADC resolution : 15.7 bits
- Sampling time : 2.5 cycles/sec.
- Readout range : -19999~99999 digit adjustable
- Zero (offset) range : -999~999 digit adjustable
- Span (scale) range : -999~999 digit adjustable
- Over input indication : " doFL " or "-doFL"
- Polarity display : When input is negative "-" display
- Display : 7-segment LCD character high 8.6mm (0.338")
- Temp. coefficient : 50ppm/°C (0~50°C)
- Battery life : 7 year min. with continuous input at 25°C
- Parameter setting : Touch switches
- Memory mode : Non-volatile E<sup>2</sup> PROM memory
- Case material : ABS
- Dielectric strength : 2KVac/1 min. (input/case)
- Operating condition : 0~50°C (20 to 90% RH non-condensed)
- Storage condition : 0~70°C (20 to 90% RH non-condensed)
- Outside dimension : 24x48x48.5mm
- CE EMC Certification : EN 55022:1998/A1:2000 Class A  
EN 61000-3-2:2000  
EN 61000-3-3:1995/A1:2001  
EN 55024:1998/A1:2001

### 3. OUTSIDE DIMENSION AND CONNECTION DIAGRAM

