

FEATURES

- Rectangle windows technice with soft tint.
- Wide range power supply and low power consumption.
- Antimagnetic, aseismatic, intuitionistic, striking device.
- Embedded structure meter so that can be installed easily .
- Power supply can choose from 5VDC, 12VDC, 24VDC and 86-264VAC.



Connector type : A



Connector type : B

[Http://www.barmeter.com](http://www.barmeter.com)

DESCRIPTIONS

- Input Mode: Current, Voltage, Rheostat
- Max. Input Over Capability: 2x Input value
- Input Resistance Via For Volt Meter: >500KΩ
- Resistance Via For Current Meter: <50Ω
- Measuring Accuracy:

| | |
|---------------------|----------------------|
| 1. Current, Voltage | ±0.5% F.S. ±1Segment |
| 2. Rheostat | ±1.0% F.S. ±1Segment |
- Effective Beam Number: 2x51 Segments

• Segment pitch: 1.5 mm

• Bargraph Width: 5.0 mm

• Zero and Full Adjust Ratio: ±10~20%

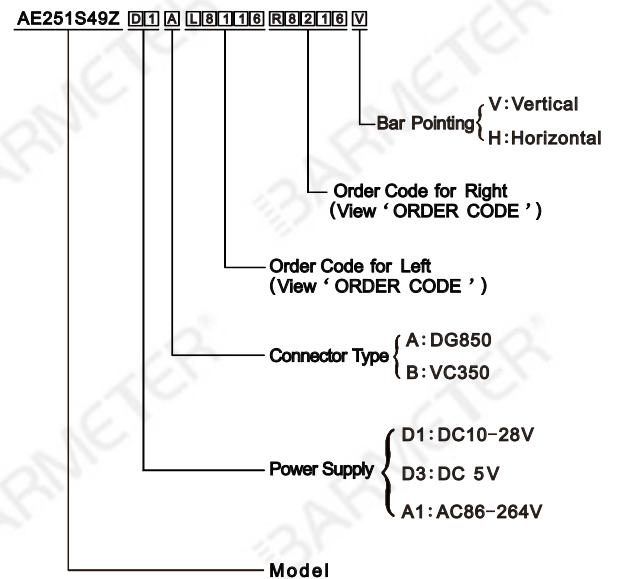
• Power Supply and Range: DC10~28V
DC5V±10%
AC86-264V

• Power Consumption: ≤2x0.4W(F.S.)

• Environment: -30~70℃ & <85%RH

• Insulating Intension: DC1000V 1min

MODEL AND ORDERING CODE



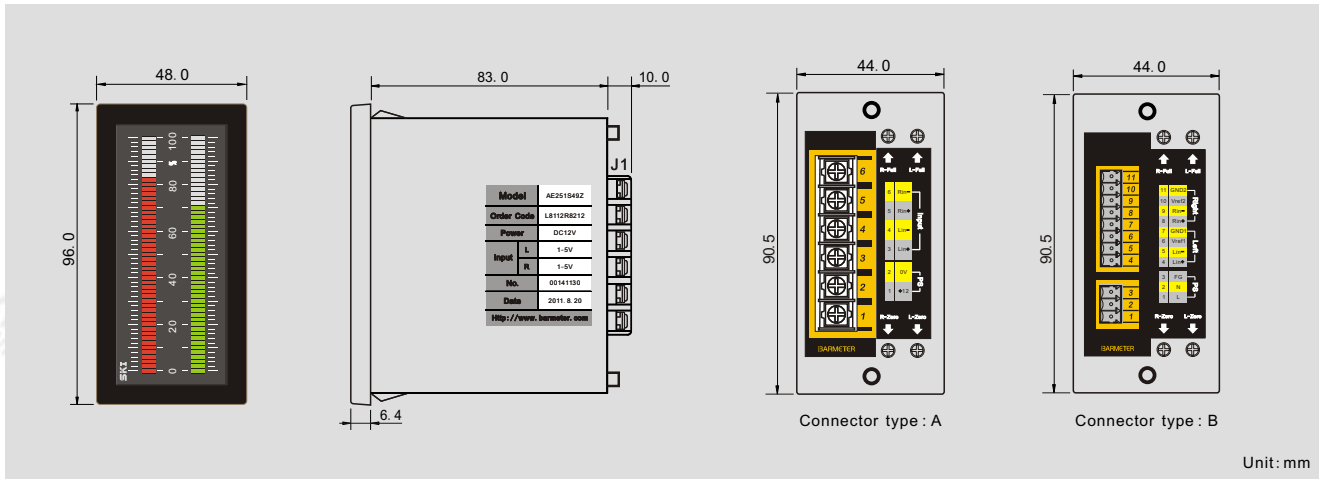
ORDER CODE

| Bar color | 0~5V | 1~5V | 0~10mA | 4~20mA | 0~10V | Rheostat 2~10KΩ |
|--------------|-------|-------|--------|--------|-------|-----------------|
| Left Red | L8111 | L8112 | L8113 | L8114 | L8115 | L8116 |
| Right Red | R8111 | R8112 | R8113 | R8114 | R8115 | R8116 |
| Left Green | L8211 | L8212 | L8213 | L8214 | L8215 | L8216 |
| Right Green | R8211 | R8212 | R8213 | R8214 | R8215 | R8216 |
| Left R(G)* | L8311 | L8312 | L8313 | L8314 | L8315 | L8316 |
| Right R(G)* | R8311 | R8312 | R8313 | R8314 | R8315 | R8316 |
| Left G(R)* | L8411 | L8412 | L8413 | L8414 | L8415 | L8416 |
| Right G(R)* | R8411 | R8412 | R8413 | R8414 | R8415 | R8416 |
| Left Yellow | L8511 | L8512 | L8513 | L8514 | L8515 | L8516 |
| Right Yellow | R8511 | R8512 | R8513 | R8514 | R8515 | R8516 |

* Contiguous 9 red segments and 1 green segment cling together

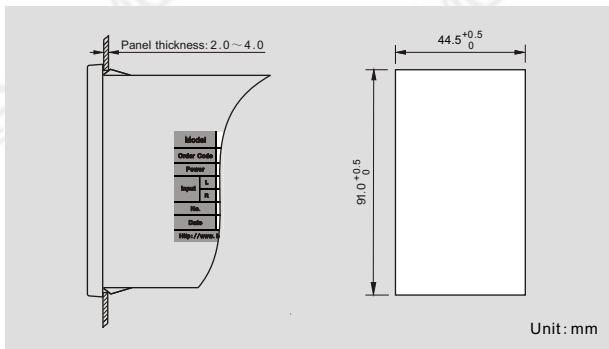
* Contiguous 9 green segments and 1 red segment cling together

■ DIMENSION



Unit: mm

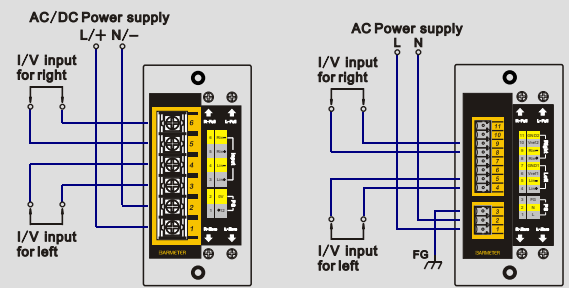
PANEL CUTOUT



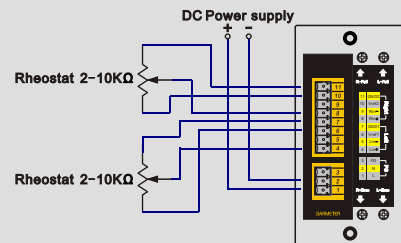
Unit: mm

■ THE APPLICATION OF SIGNAL INPUT

• The application of voltage and current input



• The application of rheostat input



■ CONNECTION DIAGRAM

Type A

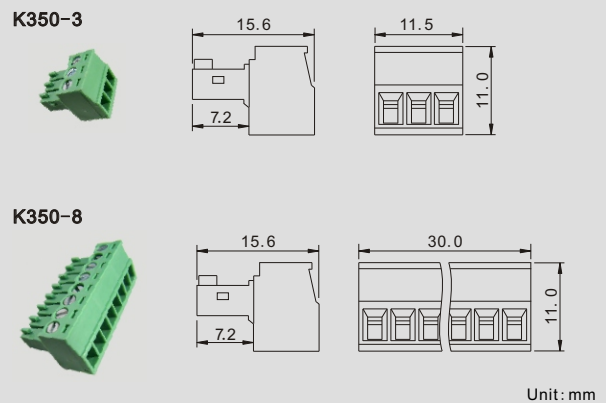
| No. | Symbol | I/O | Definition |
|-----|---------|-----|---------------------------------|
| 1 | PS+ / L | I | DC Power Positive or AC Power L |
| 2 | PS- / N | I | DC Power Negative or AC Power N |
| 3 | LIN(+) | I | Left Input High |
| 4 | LIN(-) | I | Left Input Low |
| 5 | RIN(+) | I | Right Input High |
| 6 | RIN(-) | I | Right Input Low |

Type B

| No. | Symbol | I/O | Definition |
|-----|---------|-----|---------------------------------|
| 1 | PS+ / L | I | DC Power Positive or AC Power L |
| 2 | PS- / N | I | DC Power Negative or AC Power N |
| 3 | FG | I | Ground |
| 4 | LIN(+) | I | Left Input High |
| 5 | LIN(-) | I | Left Input Low |
| 6 | Vref1 | O | Left Vref Output |
| 7 | GND1 | O | Left Internal Ground |
| 8 | RIN(+) | I | Right Input High |
| 9 | RIN(-) | I | Right Input Low |
| 10 | Vref2 | O | Right Vref Output |
| 11 | GND2 | O | Right Internal Ground |

■ ACCESSORY

• CONNECTOR (When the connector choose type B)



Unit: mm