

- DE-S944A** TRMS AC V/A Meter (4-sets)
- DE-S944D** DC V/A, Analog Meter (4-sets)
- DE-S942A** TRMS AC V/A Meter (2-sets)
- DE-S942D** DC V/A, Analog Meter (2-sets)
- DE-S942C** RTD Temperature Meter (2-sets)
- DE-S941A** TRMS AC V/A Meter (1-sets)
- DE-S941D** DC V/A, Analog Meter (1-sets)

Order Code

Model — — —

Range

A1~A6 V1~V4

11, 21 C1~C4

Y : Option

Power Supply

1 : AC 115/230V±10%, 50/60Hz

Y : Option. (DC 24V, 48V±10%)

AC/DC Voltage/Current Measurement Item

Code	Range (DE-S94x)	Input Impedance	Input Protection
A1	0~500.0uA	100Ω	50mA
A2	0~5.000mA	10Ω	150mA
A3	0~50.00mA	1Ω	500mA
A4	0~500.0mA	0.1Ω	3A
A5	0~5.000A	0.05Ω	10A
A6	0~10.00A	0.01Ω	15A
V1	0~5.000V	1MΩ	300V
V2	0~50.00V		300V
V3	0~500.0V		600V
V4	0~500.0mV		300V
11	DC 1~5V		±300V
21	DC 4~20mA	10Ω	±200mA

RTD Temperature Measurement Item

Code	Range	Sensor
C1	-100.0~100.0°C	PT-100 DIN---standard (JIS---option)
C2	0~100.0°C	
C3	0~200.0°C	
C4	0~400.0°C	

Features

- Relay output time delay 0~99sec.
- True RMS V/A
- Rate free setting
- 4~20mA, 1~5V measurement
- Direct setting function
- DIN case 96 x 48mm

Specifications

Display : Red LED 0.4" high

Green LED 0.3" high

Max. Display : 4 digits (5000)

Polarity Display : "—" symbol is displayed automatically

Over range Indication : "o.L"

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

Decimal Point : Settable to any digit position by front sheet switch

External Control : Hold

Accuracy : ±0.2% FS.

Operating Temp. : 0~60°C/ below 80%R.H.

Storage Temp. : -10~70°C/ below 70% R.H.

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

Option : DC 24V, 48V±20%

Power Consumption : Approx. 5VA

Dielectric Strength : AC 1500V/1min (Input/Power)

Insulation Resistance : More than 100MΩ at 500VDC

Dimensions : 96(W) x 48(H) x 112.5(D)mm

Panel Cut-Out : 91.4(W) x 44(H)mm

得益工業儀器有限公司
DER EE
ELECTRICAL INSTRUMENT CO., LTD.

台灣 新北市中和區中山路二段351號7F
7F, No.351, Sec. 2, Chung Shan Rd., Chung Ho Dist.,
New Taipei City 23504, Taiwan
TEL:886-2-2226-6789(REP) FAX:886-2-2226-7979
E-mail:deree@deree.com.tw



www.deree.com.tw

Specifications and appearance may be revised if needed without any prior notice.
Any further product info, please contact us.

Comparison section

Control system : Microcomputer

Setting range : -9999 to +9999

Relay contact capacity :

Model : DE-S944

AC 120V, 0.5A resistive load

DC 30V, 1A resistive load

Model : DE-S942 (Hi, Go, Lo)

AC 120V, 0.5A resistive load

DC 30V, 1A resistive load

Model : DE-S942(Hi, Lo), DE-S941(Hi)

AC 240V, 4A resistive load

DC 30V, 5A resistive load

Comparative condition :

Model : DE-S944

Indication > HH set point → HH LED on.

HH set point ≥ Indication > HI set point → HI LED on.

HI set point ≥ Indication > LO set point → GO LED on.

LO set point ≥ Indication > LL set point → LO LED on.

LL set point ≥ Indication → LL LED on.

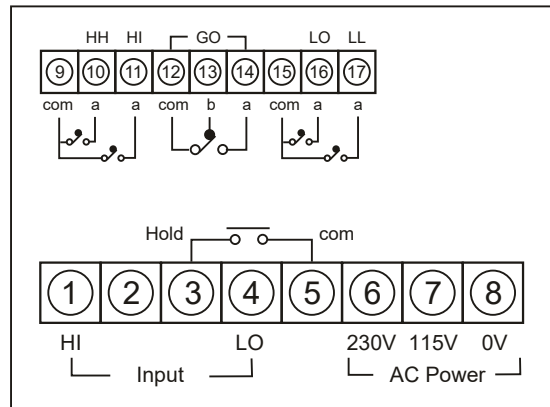
Model : DE-S942

Indication > HI set point → HI LED on.

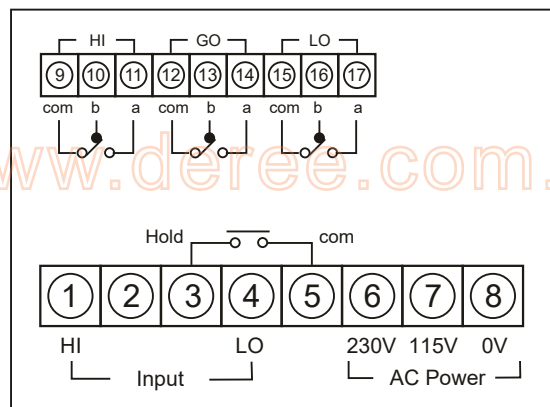
LO set point > Indication → LO LED on.

Connection Diagram

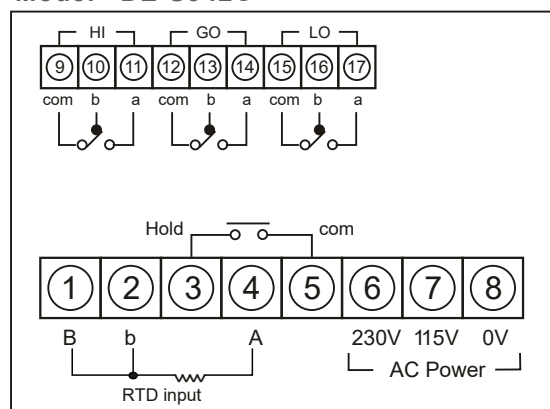
Model : DE-S944



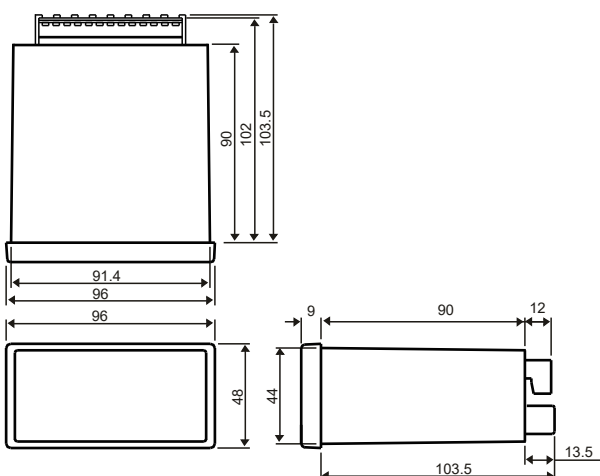
Model : DE-S942



Model : DE-S942C



Dimensions



得益工業儀器有限公司
DER EE
ELECTRICAL INSTRUMENT CO., LTD.

台灣 新北市中和區中山路二段351號7F
7F, No.351, Sec. 2, Chung Shan Rd., Chung Ho Dist.,
New Taipei City 23504, Taiwan
TEL:886-2-2226-6789(REP) FAX:886-2-2226-7979
E-mail:deree@deree.com.tw



www.deree.com.tw

Specifications and appearance may be revised if needed without any prior notice.
Any further product info, please contact us.