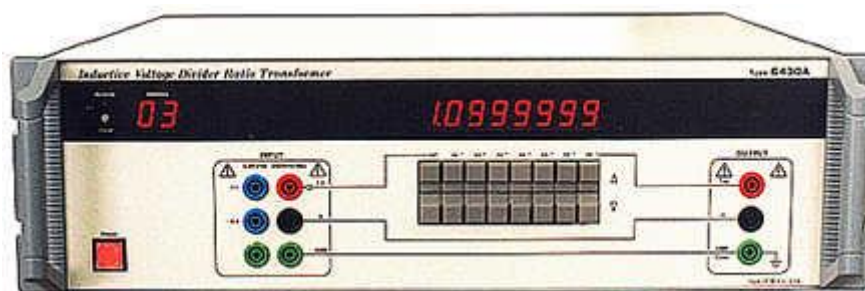


# Decade Transformer(Inductive Voltage Divider) TYPE 6430A/6435A



## Features

- Wide available application having sufficient characteristic as a ratio standard.
- High input impedance, low output impedance.
- Wide frequencies and low ratio error.
- Remotely controllable via standard IEEE-488 interface.
- Long term stability over wide range of environmental conditions due to simple structure and minimum variable factors.

## Specifications

| Description/Model       | 6430A<br>(High Accuracy Type)                                  | 6435A<br>(High Voltage Type)                                   |
|-------------------------|--|--|
| Ratio Range             | From -0.0100000 to 1.0999999                                   | from -0.010000 to 1.099999                                     |
| Resolution              | 0.1ppm   | 1ppm   |
| Frequency Range         | 50Hz to 10kHz  | 40Hz to 1kHz   |
| Ratio Accuracy          | 0.5 ppm(at 1kHz, referred to input)                            | 1ppm(at 60Hz, referred to input)                               |
| Maximum Input Voltage*1 | 0.35V rms/Hz   | 5.0V rms/Hz  |
| Input Impedance         | Above 100kΩ(at 1kHz)   | Above 50kΩ(at 60kHz)   |
| Output Impedance        | Below 5Ω   | Below 20Ω  |
| Output Current          | 1A max   | 1A max   |
| GPIB Interface          | Standard Equipment<br>SH1,AH1,T6,L4,SR1,RL2, PPO,DCO,DT0,CO,E2 | Standard Equipment<br>SH1,AH1,T6,L4,SR1,RL2, PPO,DCO,DT0,CO,E2 |
| Dimensions(W/H/D)       | 450 / 130 / 400 (mm)   | 450 / 130 / 400 (mm)   |

\*1 Voltage 350 V rms MAX

- Specifications are subject to change without notice due to improvement
- SunJEM will design products to meet your individual requirements.
- Please feel free to consult with us for products other than ready-made ones.