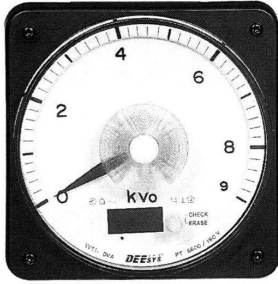# PANEL BOARD MAXIMUM DEMAND METER(V$_0$)

$C\epsilon$

Feature

The V$_0$ meter is a electronic type for demand V$_0$. which is displayed by 3 digit FND window on the lower part of the meter with mechanical type indicatior for real time V$_0$ value. Comparing with mechanical type. the Electronic V$_0$ meter no slip error against inertia moment of indicating needle set.

Application

The V$_0$ meter is application for detecting zero sequence voltage on the distribution line which has small ground current. As soon as one phase is grounded by fault. zero phase sequence voltage is generated, For the purpose, the meter would be connected with Open–Delta circuit of 3 phase PT secondary.
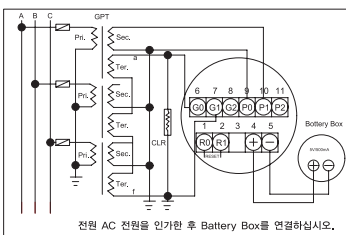
Description

1. To connect a meter as shown below
2. To connect the meter with external rechargeable battery
3. To enerzise source PT
4. The wide range analog indicator will indicate real time Vo voltage. If any on the line. The indicating value will move according to real time line situation.
5. The demand value on the Display with 3 digit FND located lower part of the front plate of the meter, is shown a fixed

peak vaule. The value is stored in a EEPROM in the meter. Whenever new peak vaule is generated, the vaule is renewed instead of the old data.
6. The Display is errassed by pressing reset button on the right side of the Display.
7. Demand display is designed to be indicated to be indicated for higher than 10Volt.
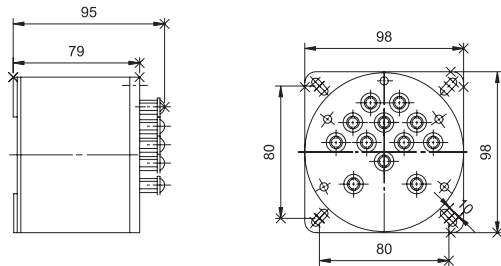
Specification

Item	Model	Rating(A)	Full Scall	Accuracy(%)	Aux.Power(AC)	Freq.(Hz)	Burden(VA)	Weight(Kg)
Vo Meter	W11 DVA	110/190	150/259	Pointer:1.5 at FS Digit:3.0 at FS	110V/220V	60	0.5	1.0

External connection diagram

G$_0$ G$_1$: AC 110V
G$_0$ G$_2$: AC 190V
P$_0$ P$_1$: AC 110V
P$_0$ P$_2$: AC 190V

전원 AC 전원을 인가한 후 Battery Box를 연결하십시오.

Dimension for External Power supply Box

Dimension for Meter