



SD-96 Series  
Moving Coil Type



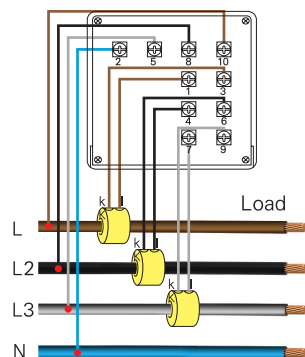
SD-96KW

#### Specifications

|                          |                                                       |
|--------------------------|-------------------------------------------------------|
| Reference standard       | : EN/IEC 60051                                        |
| Case-dimensions          | : DIN 43700                                           |
| Scales and pointer       | : DIN 43802                                           |
| Magnetic influence       | : DIN 43780                                           |
| Safety                   | : IEC 1010-1                                          |
| Housing                  | : Self-extinguishing polymer ABS according to UL94V-0 |
| Protection for housing   | : IP40 as standard                                    |
| Protection for terminals | : IP20 with back cover                                |
| Accuracy class           | : 1.5                                                 |
| Operating frequency      | : 45~65Hz                                             |
| Dielectric test voltage  | : 2KV/ 50Hz/ 1minute                                  |
| Overload AC voltage      | : x1.2 continuous(x2 for 5 seconds)                   |
| AC Current               | : x1.2 continuous(x10 for 5 seconds)                  |
| <b>Power consumption</b> |                                                       |
| Voltage                  | : ≤1.8VA for 500V                                     |
| Current                  | : ≤0.7VA for 5A                                       |
| Active power factor      | : cosφ -0.5 cos...1...0.5 ind                         |
| Reference temperature    | : 23°C ± 2°C                                          |
| Operating temperature    | : -25°C to 40°C                                       |
| Storage temperature      | : -40°C to 70°C                                       |
| Relative humidity        | : ≤85%                                                |

#### กิโลวัตต์มิเตอร์ (Active Power Meter) Moving Coil Type

| รุ่น<br>(Model) | Measuring<br>Range | Connection throuh<br>current transformers | Connection<br>Input Voltage | Accuracy<br>Class |
|-----------------|--------------------|-------------------------------------------|-----------------------------|-------------------|
| SD-96KW         | 0-160KW            | 250/5A (3)                                | 380V                        | 1.5               |

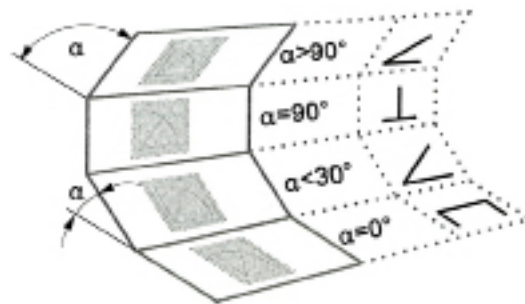


#### CONNECTION DIAGRAMS

ACTIVE POWER METER

3P 4W UNBALANCED LOAD

CONNECTION THRU CURRENT TRANSFORMERS



Markings concerning the working position

#### DIMENSION

