

## Current Transformer (25.8kV)



- 옥내용 (For Indoor)
- Cable or Bus-bar 관통형 (Cable or Bus-bar Through Type)
- 일반 계기 및 보호 계전기용 (For Metering & Protection)
- Epoxy Mold로 절연특성 강화  
(Insulation : Epoxy Vacuum Molding)

### ■ For Metering

| Type                             | RE 6 □ A                    |                  |
|----------------------------------|-----------------------------|------------------|
| Standard                         | KS C 1706                   | IEC 61869-2      |
| Max. Voltage                     | 25.8 kV                     | 24 kV            |
| Insulation Level                 | 25.8 / 50 / 125 kV ( 20 B ) | 24 / 50 / 125 kV |
| Short time Current Max, kA       | 40 In ~ 40 kA / 1 sec.      |                  |
| Rated Secondary Current          | 5 or 1 A                    |                  |
| Rated Burden                     | 15 ~ 40 VA                  |                  |
| Accuracy Class                   | 1.0                         |                  |
| Rated Continuous Thermal Current | 1.0 In                      | 1.2 In           |
| Frequency                        | 60 Hz (Others on request)   |                  |

### ■ For Protection

| Type                             | RE 6 □ RA                 |                  |
|----------------------------------|---------------------------|------------------|
| Standard                         | JEC 1201                  | IEC 61869-2      |
| Max. Voltage                     | 23 kV                     | 24 kV            |
| Insulation Level                 | 23 / 50 / 125 kV          | 24 / 50 / 125 kV |
| Short time Current Max, kA       | 40 In ~ 40 kA / 1 sec.    |                  |
| Rated Secondary Current          | 5 or 1 A                  |                  |
| Rated Burden                     | 15 ~ 40 VA                |                  |
| Accuracy Class                   | 1P                        | 5P, 10P          |
| Over Current Factor              | n > 10 or 20              | n > 10 or 20     |
| Rated Continuous Thermal Current | 1.0 In                    | 1.2 In           |
| Frequency                        | 60 Hz (Others on request) |                  |

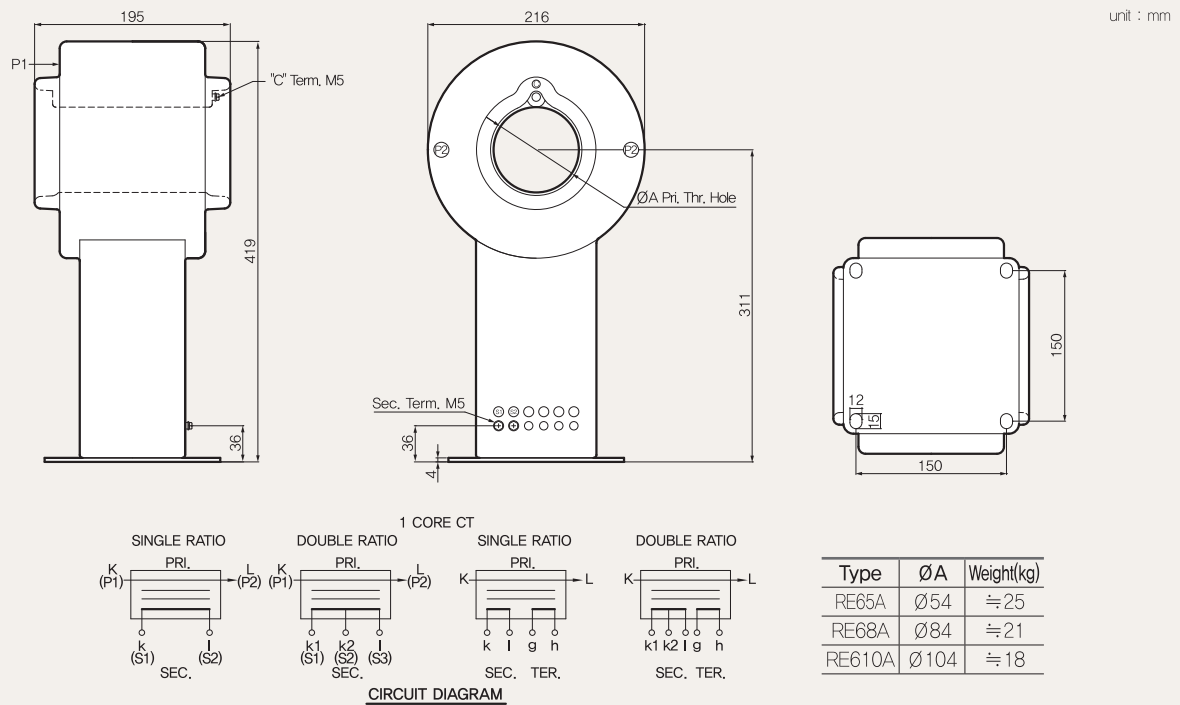
※ IEEE C 57.13 규격에 의한 제품의 생산이 가능하며, 계급, 부담, 과전류 정수 등의 사양변경에 따라 다양한 생산도 가능합니다.

Can manufacture the products based on IEEE C 57.13 standards, and also Can manufacture the various products by change of specification, such as the Accuracy class, Burden and Over-current factor.

※ 단시간 과전류값은 2차측에 정격 부담의 25% 부담을 접속한 상태에서의 보증치입니다.

Short time current being subject to 25% rated burden connection at secondary side for all ratios.

## Dimension & Drawing



※ 1차 관통 도체가 나도체일 경우에 상단의 "C" 단자와 1차 관통 도체를 연결하십시오.

The "C" terminal is connected with the primary bus-bar (high Voltage Conductor), in case of the primary bus-bar is the bare conductor

## Current Transformer (25.8kV)

## ■ Specification

## ■ RE65A Series

| Service    | Type     | Current Ratio (A)                | KS C 1706 |        | JEC 1201 |        |       | IEC 61869-2 |        |       | Remark                        |
|------------|----------|----------------------------------|-----------|--------|----------|--------|-------|-------------|--------|-------|-------------------------------|
|            |          |                                  | Class     | Burden | Class    | Burden | n >   | Class       | Burden | n >   |                               |
| Metering   | RE65A    | 150 ~ 1000 / 5                   | 0.5       | 15     | —        | —      | —     | 0.5         | 15     | —     | Single Ratio                  |
|            | RE65DA   | 300,150 ~ 2000,1000 / 5          | 1.0       | 40     | —        | —      | —     | 1.0         | 30     | —     | Double Ratio                  |
| Protection | RE65RA   | 150 ~ 1000 / 5                   | —         | —      | 1P       | 15     | 10    | 5P/10P      | 15     | 10    | Single Ratio                  |
|            |          | 300 ~ 1000 / 5                   | —         | —      | 1P       | 15     | 20    | 5P/10P      | 15     | 20    |                               |
|            |          |                                  | —         | —      | 1P       | 40     | 10    | 5P/10P      | 30     | 10    |                               |
|            |          | 600 ~ 1000 / 5                   | —         | —      | 1P       | 40     | 20    | 5P/10P      | 30     | 20    |                               |
|            | RE65DRA  | 240,120 ~ 2000,1000 / 5          | —         | —      | 1P       | 15     | 10/5  | 5P/10P      | 15     | 10/5  | Double Ratio                  |
|            |          | 300,150 ~ 2000,1000 / 5          | —         | —      | 1P       | 15     | 20/10 | 5P/10P      | 15     | 20/10 |                               |
|            |          |                                  |           |        | 1P       | 40     | 10/5  | 5P/10P      | 30     | 10/5  |                               |
|            |          | 600, 300 ~ 2000,1000 / 5         | —         | —      | 1P       | 40     | 20/10 | 5P/10P      | 30     | 20/10 |                               |
|            | RE65RAT  | 400 ~ 600 / 5<br>100 / 5         | —         | —      | 1P/5G    | 40/15  | 10    | —           | —      | —     | 3' ry Winding<br>Single Ratio |
|            | RE65DRAT | 400,200 ~ 600,300 / 5<br>100 / 5 | —         | —      | 1P/5G    | 40/15  | 10/5  | —           | —      | —     | 3' ry Winding<br>Double Ratio |

## ■ RE68A Series

| Service    | Type     | Current Ratio (A)                 | KS C 1706 |        | JEC 1201 |        |      | IEC 61869-2 |        |      | Remark                        |
|------------|----------|-----------------------------------|-----------|--------|----------|--------|------|-------------|--------|------|-------------------------------|
|            |          |                                   | Class     | Burden | Class    | Burden | n >  | Class       | Burden | n >  |                               |
| Metering   | RE68A    | 250 ~ 4000 / 5                    | 0.5       | 15     | —        | —      | —    | 0.5         | 15     | —    | Single Ratio                  |
|            | RE68DA   | 500,250 ~ 4000,2000 / 5           | 1.0       | 40     | —        | —      | —    | 1.0         | 30     | —    | Double Ratio                  |
| Protection | RE68RA   | 250 ~ 4000 / 5                    | —         | —      | 1P       | 15     | 10   | 5P/10P      | 15     | 10   | Single Ratio                  |
|            |          | 750 ~ 4000 / 5                    | —         | —      | 1P       | 15     | 20   | 5P/10P      | 15     | 20   |                               |
|            |          |                                   | —         | —      | 1P       | 40     | 10   | 5P/10P      | 30     | 10   |                               |
|            | RE68DRA  | 500,250 ~ 4000,2000 / 5           | —         | —      | 1P       | 15     | 10/5 | 5P/10P      | 15     | 10/5 | Double Ratio                  |
|            |          | 800,400 ~ 4000,2000 / 5           | —         | —      | 1P       | 40     | 10/5 | 5P/10P      | 30     | 10/5 |                               |
|            | RE68RAT  | 750 ~ 1000 / 5<br>100 / 5         | —         | —      | 1P/5G    | 40/15  | 10   | —           | —      | —    | 3' ry Winding<br>Single Ratio |
|            | RE68DRAT | 800,400 ~ 1000,500 / 5<br>100 / 5 | —         | —      | 1P/5G    | 40/15  | 10/5 | —           | —      | —    | 3' ry Winding<br>Double Ratio |

## ■ RE610A Series

| Service    | Type      | Current Ratio (A)                   | KS C 1706 |        | JEC 1201 |        |      | IEC 61869-2 |        |      | Remark                       |
|------------|-----------|-------------------------------------|-----------|--------|----------|--------|------|-------------|--------|------|------------------------------|
|            |           |                                     | Class     | Burden | Class    | Burden | n >  | Class       | Burden | n >  |                              |
| Metering   | RE610A    | 400 ~ 4000 / 5                      | 0.5       | 15     | —        | —      | —    | 0.5         | 15     | —    | Single Ratio                 |
|            | RE610DA   | 800,400 ~ 4000,2000 / 5             | 1.0       | 40     | —        | —      | —    | 1.0         | 30     | —    | Double Ratio                 |
| Protection | RE610RA   | 400 ~ 4000 / 5                      | —         | —      | 1P       | 15     | 10   | 5P/10P      | 15     | 10   | Single Ratio                 |
|            |           | 1200 ~ 4000 / 5                     | —         | —      | 1P       | 15     | 20   | 5P/10P      | 15     | 20   |                              |
|            |           |                                     | —         | —      | 1P       | 40     | 10   | 5P/10P      | 30     | 10   |                              |
|            | RE610DRA  | 800,400 ~ 4000,2000 / 5             | —         | —      | 1P       | 15     | 10/5 | 5P/10P      | 15     | 10/5 | Double Ratio                 |
|            |           | 1200,600 ~ 4000,2000 / 5            | —         | —      | 1P       | 40     | 10/5 | 5P/10P      | 30     | 10/5 |                              |
|            | RE610RAT  | 1200 ~ 2000 / 5<br>100 / 5          | —         | —      | 1P/5G    | 40/15  | 10   | —           | —      | —    | 3'ry Winding<br>Single Ratio |
|            | RE610DRAT | 1200,600 ~ 2000,1000 / 5<br>100 / 5 | —         | —      | 1P/5G    | 40/15  | 10/5 | —           | —      | —    | 3'ry Winding<br>Double Ratio |