

Current Transformer(CT,)

1. CT

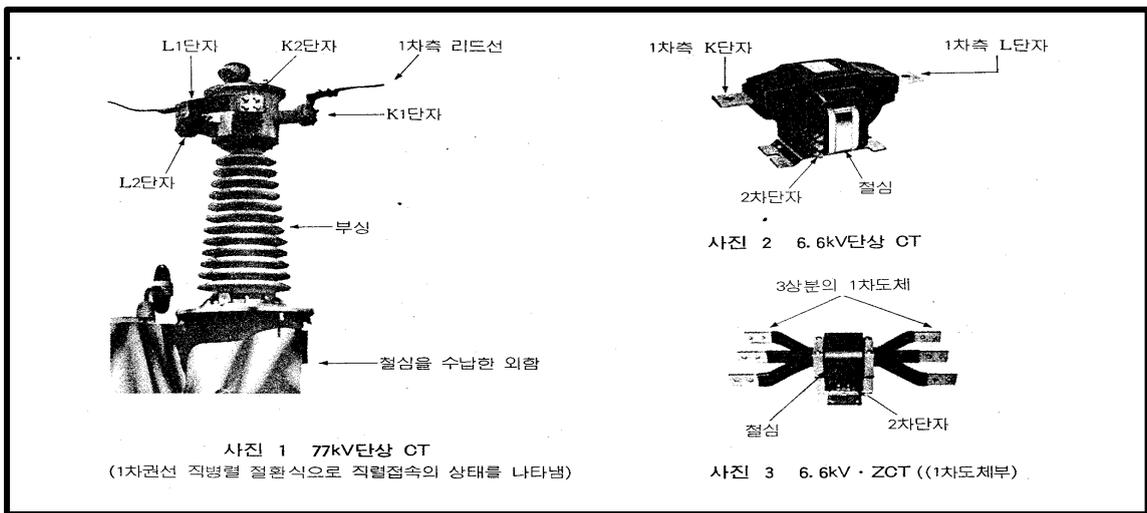
23kV 6.6kV
 1A , 5A
 CT(Current Transformer)
 가 400A , 1 가 400A
 가 5A , 1
 가 가 , 800,
 400/5A .

2. CT

1) (1)
 2 1 1
 1 가
 가

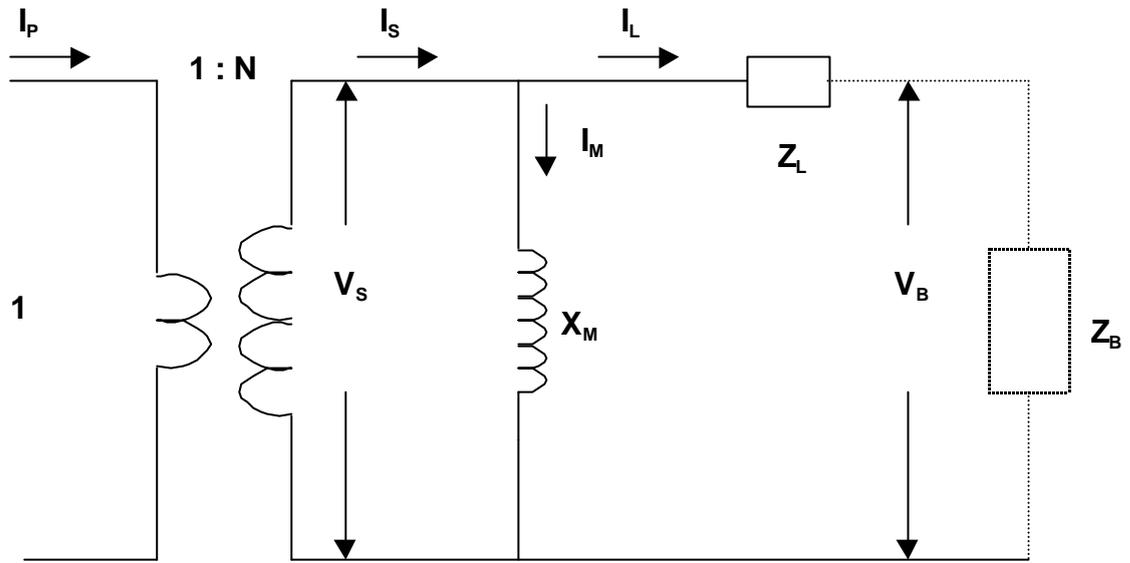
2) (2)
 1 , 2 1
 (Turn) 2

3) (3)
 2 , 가
 1 가
 가



3. CT 가

1) CT 가



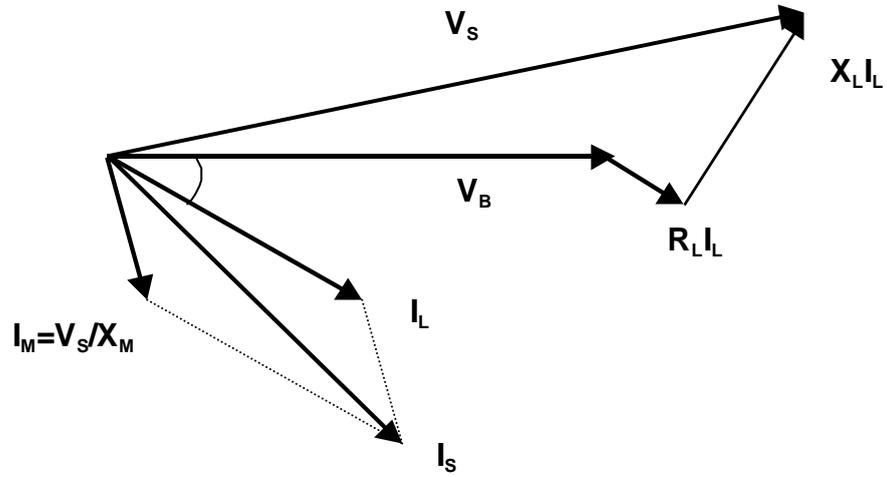
[CT 가]

$$I_S = \frac{I_P}{N} = I_M + I_L$$

$$I_P = N \cdot (I_M + I_L)$$

$$I_M = \frac{V_S}{X_M}$$

$$V_S = V + I_L \cdot Z_L$$



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가 CT() 1
 (I_p)가 CT (I_s) CT 2
 I_s (I_M)
 (I_L)가 I_s I_L
 가 CT 가
 CT 2
 2 가 가

2) CT

가

. CT

$$e = \frac{Kn - K}{K} \times 100[\%]$$

:

Kn : (1 ÷ 2 = N)

K :

CT
 가 CT 가 , 가 .