

저전압 계전기 (Under Voltage Relay)

GVU-C (상시개로형 : Normally Open Contact)

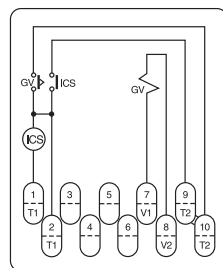


정정치 이하의 전압으로 떨어지면 일정시간 후 주접점을 닫고 차단기를 Trip시킵니다.
Trip회로는 DC이며, 교류 회로의 이상전압 강하 검출에 적합합니다

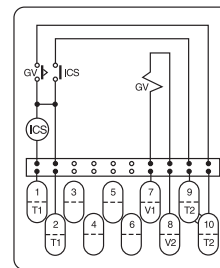
When voltage drops below a given value, the main contact is closed after time delay and a circuit breaker is tripped.
This relay needs DC power source for tripping and it is suitable for detection of abnormal voltage drop in AC circuit.

- DIMENSION Refer to page 239

■ 내부결선 (Internal Connection)



Non-drawout Type



Drawout Type

■ 주요사양 (Specification)

Type	Rating(V)	Tap	ICS Unit(DC)	Figure	Weight(kg)
GVU - C1	110V	60, 65, 70, 75, 80V	1.0A	Non-Drawout (비인출형)	≒3.1
GVU - C169		60, 65, 70, 75, 80, 85, 90V			
GVU - C2	220V	120, 130, 140, 150, 160V			
GVU - C269		160, 165, 170, 175, 180, 185, 190V			
GVU - CD1	110V	60, 65, 70, 75, 80V	0.5 / 2.0A	Drawout (인출형)	≒4.0
GVU - CD169		60, 65, 70, 75, 80, 85, 90V			
GVU - CD2	220V	120, 130, 140, 150, 160V			
GVU - CD269		160, 165, 170, 175, 180, 185, 190V			

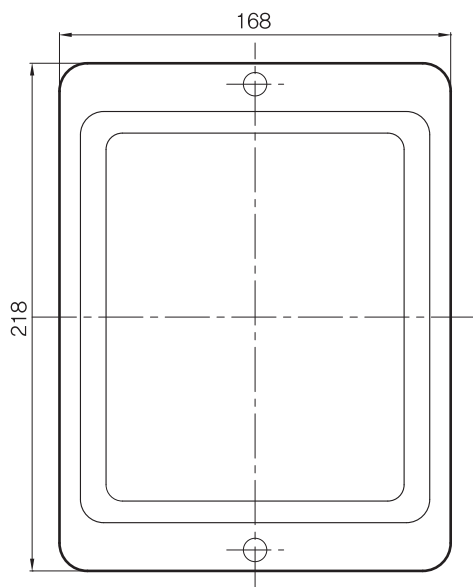
■ Option(ICS Unit)

Frequency	60Hz(standard) 50Hz(option)
Color of case	Munsell No N 1.5

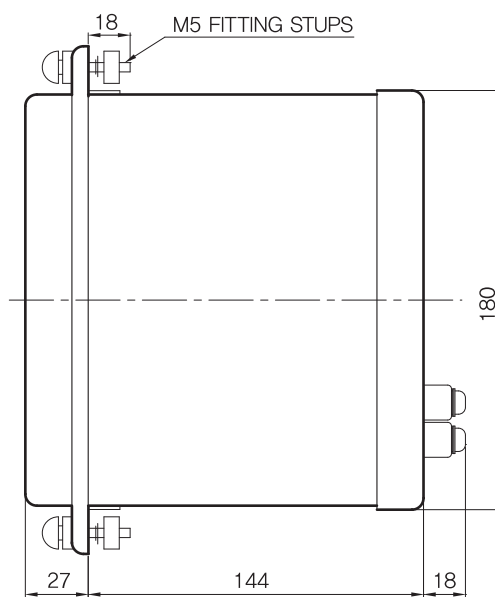
Type of ICS coil	Rating
DC current coil	0.2 / 2.0A, 0.5 / 2.0A, 1.0A
DC voltage coil	24V, 110V, 125V
AC current coil	0.5A, 1.0A, 2.0A
AC voltage coil	110V, 220V

■ 외형치수 (Dimension)

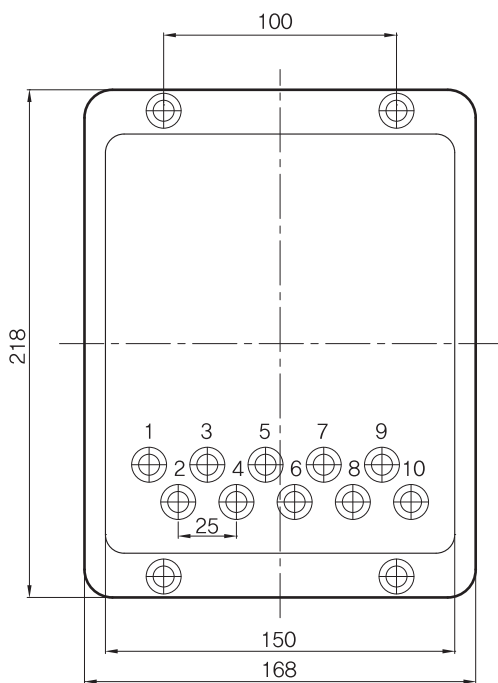
■ 정면도



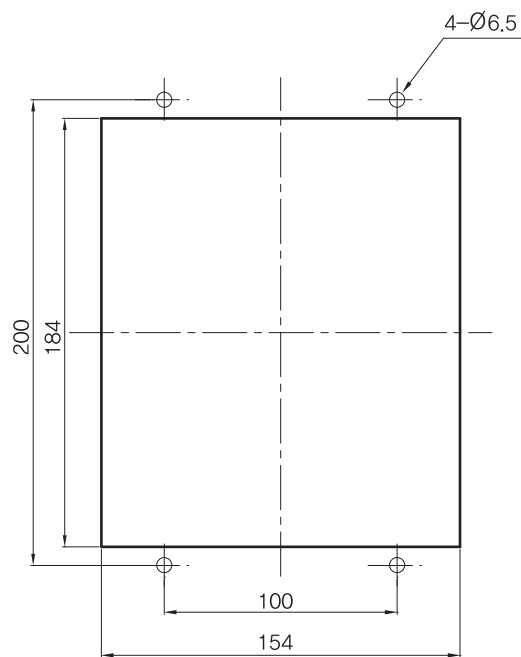
■ 측면도



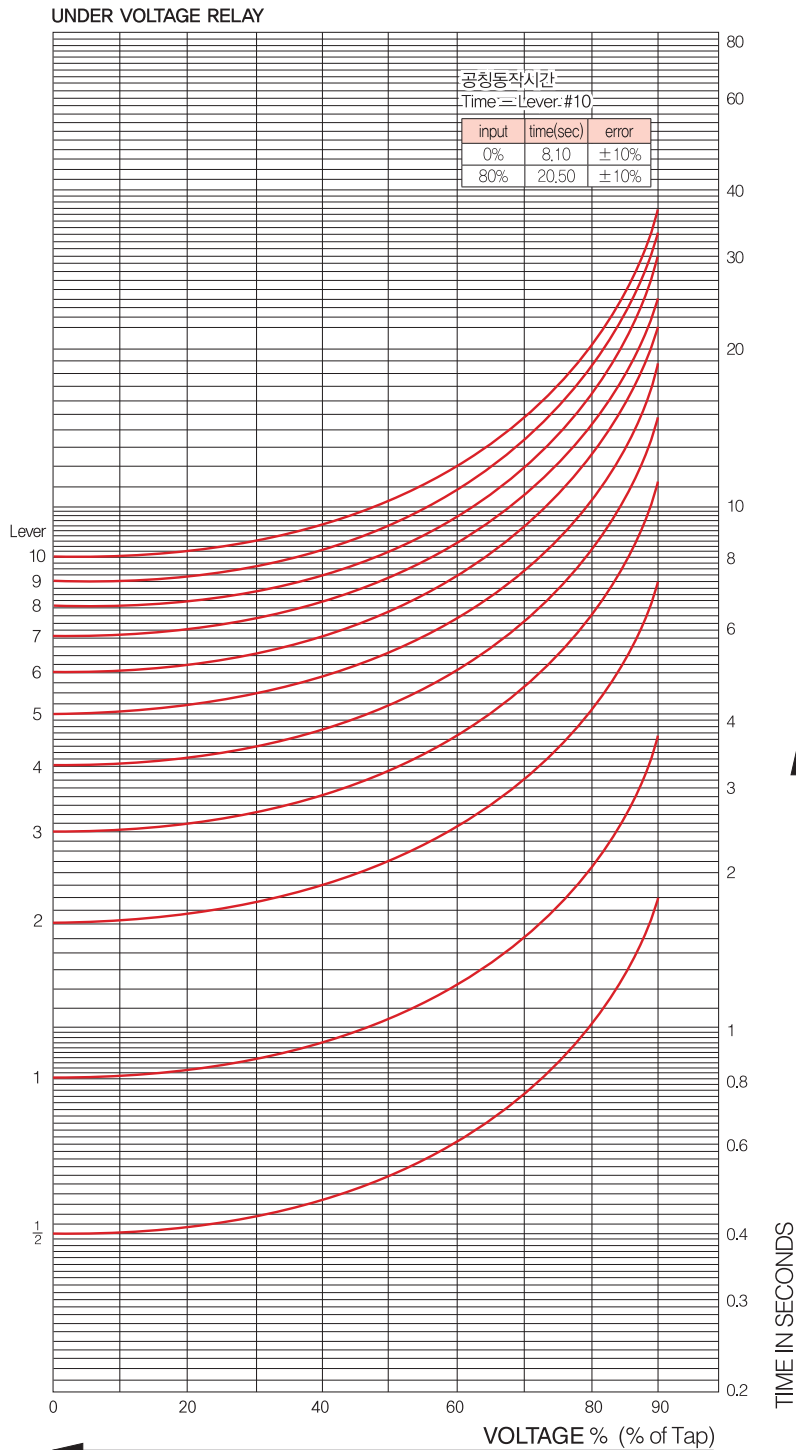
■ 후면도



■ Panel 가공치수



■ 동작특성곡선 (Operation Characteristics Curves)



■ 시한정정 Lever에 따른 오차 계산식

$n \leq 10$ 일 경우

$$\varepsilon = \frac{T_n - \frac{n}{10} T_{10}}{T_{10}} \times 100(\%)$$

T_{10} : 기준 동작시간 정정에서의 공칭 동작시간

T_n : 동작시간정정 n 에서의 실측 동작시간

$$\text{단, } n = \frac{\text{동작시간정정}}{\text{기준동작시간정정}} \times 10$$