

CONDENSER 보호용 과전압 계전기 (Over Voltage Relay for Capacitor Protection) GVOC-C (상시개로형 : Condenser 보호용)



콘덴서 내부에 고장이 발생하면 중성점 전압검출 방식과 전압 차동검출 방식으로 차단기를 동작시킵니다.

This relay makes the circuit breaker operate, when capacitor internal fault occurred. There are two kind of fault detection method, neutral voltage detection and differential voltage detection.

- DIMENSION Refer to page 239

■ 주요사양 (Specification)

Type	Rating(V)	Tap	ICS Unit(DC)	Figure	Weight(kg)
GVOC - C5	110V	5.5, 7.5, 10, 12.5, 15, 17.5, 20V	1.0A	Non-Drawout (비인출형)	≒4.0
GVOC - CD5	110V		0.5 / 2.0A	Drawout (인출형)	≒5.0

■ 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

■ 정정기능 (Setting Function)

■ 동작치 정정(Operating Value Setting)

본 계전기의 상부에 위치한 전압설정 Tap의 위치를 변경하여 설정하려는 Tap에 정정합니다.

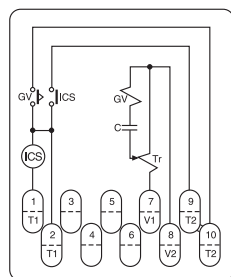
When you set the operating voltage value of the relay, you can change the value by movement of the 'ap' location.

■ 한시 정정(Time Lever Setting)

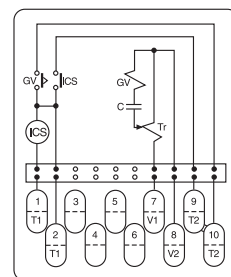
유도원판기구 상부에 위치한 Time lever를 Time-Voltage 특성표를 참조하여 본 계전기의 동작시간을 설정해야 하며, 출하시 Time lever는 10의 위치에 있습니다.

You must decide the operation time before setting the time lever above the rotary disk. The time lever has initialized at 10 level, when the relay is shipped.

■ 내부결선 (Internal Connection)



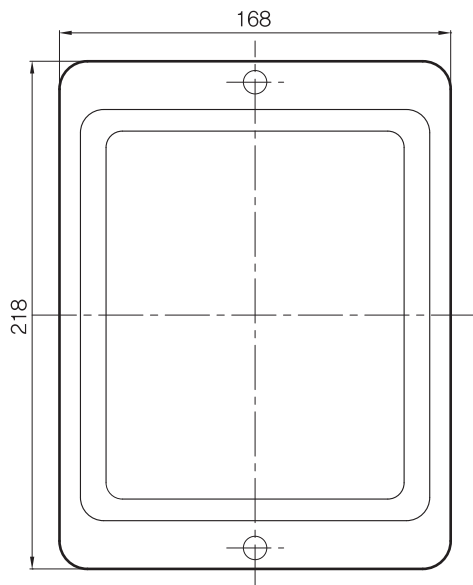
Non-drawout Type



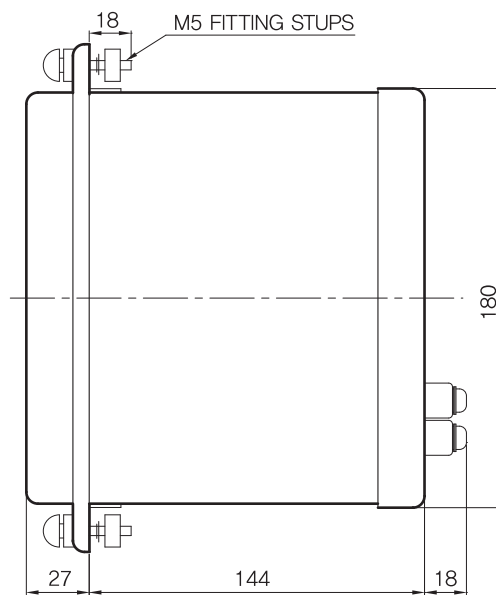
Drawout Type

■ 외형치수 (Dimension)

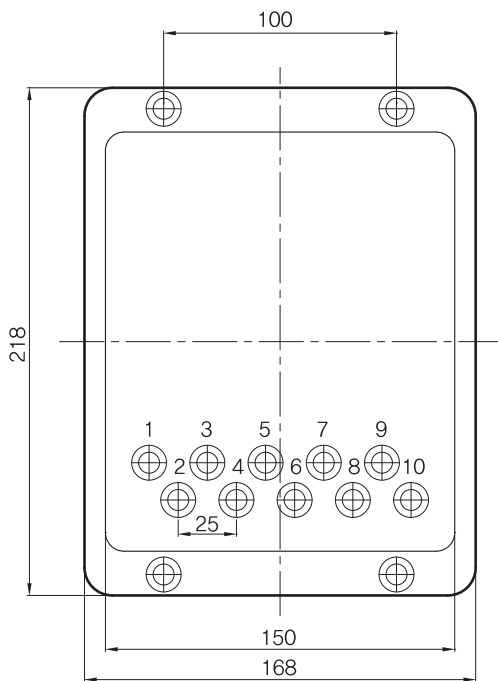
▣ 정면도



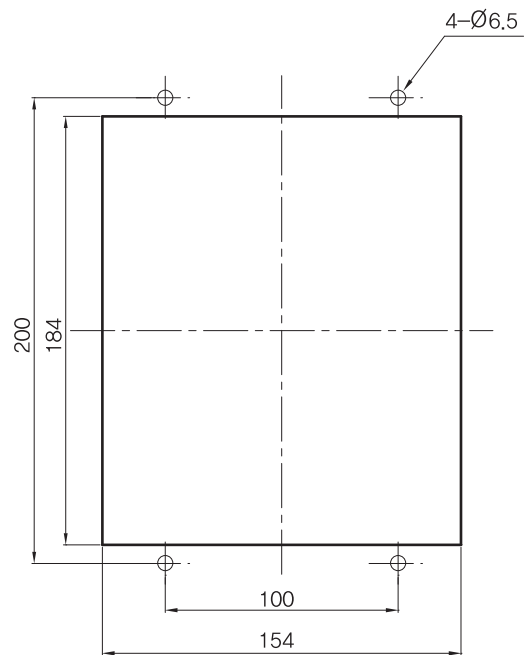
▣ 측면도



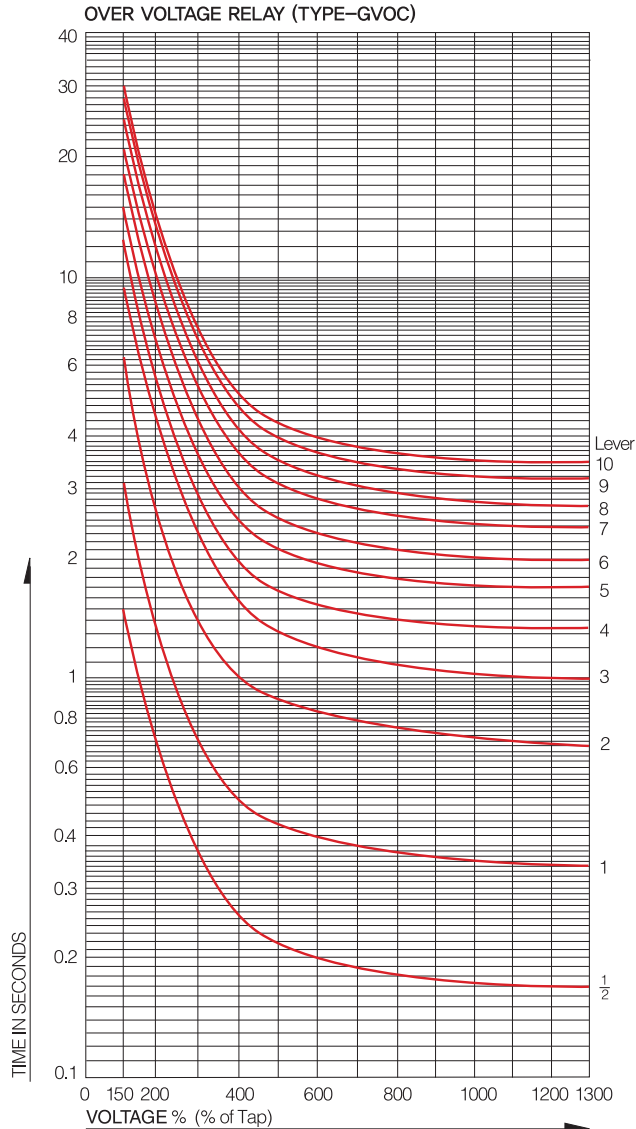
▣ 후면도



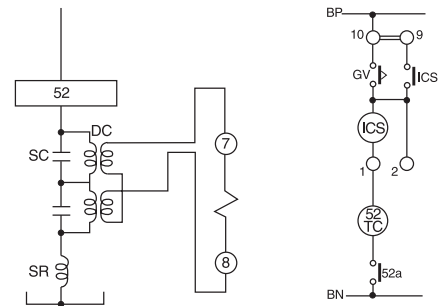
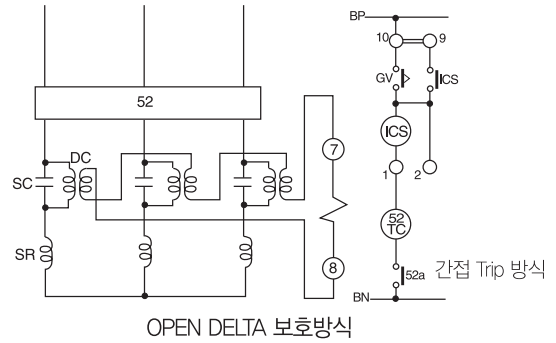
▣ Panel 가공치수



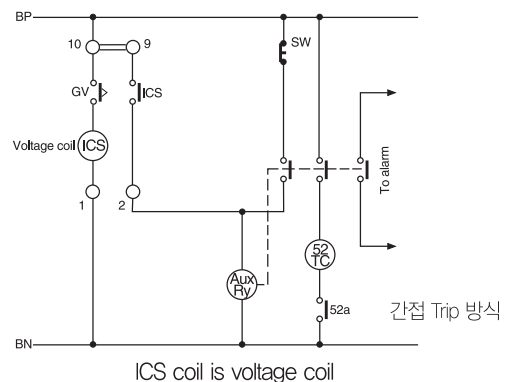
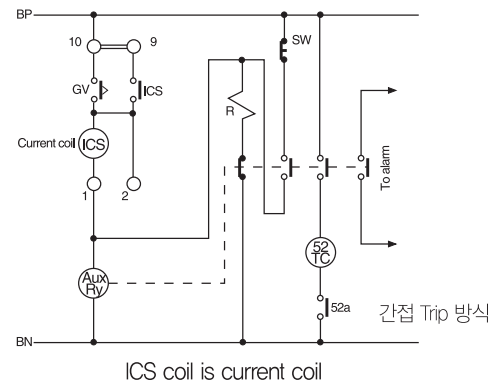
■ 동작특성곡선 (Operation Characteristics Curves)



■ 외부결선 (External Connection)



SR : 직열리액터 SC : 콘덴서 DC : 방전 Coil



주) Aux. Relay를 외부에 부착하여 TC를 Trip시킬 경우, Aux. Relay의 동작시간을 참고
 바라며, Aux. Relay의 정격은 Aux Power(BP-BN)의 정격에 맞도록 선택 하십시오.
 - R값 선정은 Aux. Power가 DC110V일 경우
 예) ICS코일 DC 1.0A는 50Ω / 30W 이상, DC 0.5A는 100Ω / 30W 이상을 권장합니다.