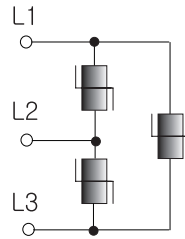


Surge Protective Device (SPD)

서지킬러 Surge killer



<Circuit>

Model	WYG10102T
Nominal voltage	AC380V
Varistor	20D102
Max. continuous operating voltage	AC625V / DC825V
Weight	0.1kg

● 서지킬러의 용도

-과전압이나 유도전파에 의한 급격한 펄스를 막는 부품이며 주로 제품의 입력 측 신호를 받는 측에 사용한다.

적용범위는 다음과 같다

- 각종 반도체 (다이오드, 싸이리스터, 트랜지스터, IC 등)의 과전압으로부터 보호
- 릴레이 과전압 방지 및 접점 보호
- 계측기, 제어기기, 통신, 방송기기 등의 유도전파에 의한 서지보호
- 가전제품, 음향기기 등의 유도전파의 의한 개폐서지 보호

● 특징

1. 응답성이 뛰어나며 급격한 펄스 전압도 흡수 가능합니다.
2. 제한 전압 특성이 우수합니다.
3. 서지흡수 능력이 큼니다 .
4. 전압, 전류 특성이 대칭으로 되어 있을 뿐 아니라 +극 또는 -극성 서지를 같은 성능으로 흡수합니다.
5. 정격전력이 크고 신뢰성이 높습니다.

● Use of a surge killer

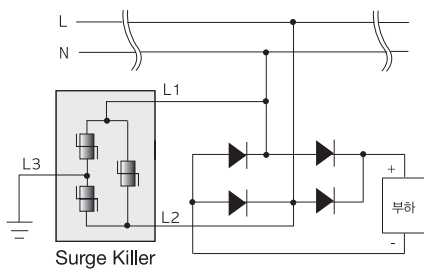
-This is a component to prevent a sudden pulse due to overvoltage or guided electromagnetic wave, which is mainly used at the input side of a product, i.e. at the signal receiving part of a product. Its scope of application is as follows:

- Protection of various semiconductors(diode, thyristor, transistor, IC, etc.) from overvoltage.
- Protection of relays and contacts from overvoltage.
- Protection of meters, controllers, communication/broadcasting devices, etc. from a surge due to guided waves.
- Protection of home appliances, audio device, etc. from a opening/closing surge due to guided waves.

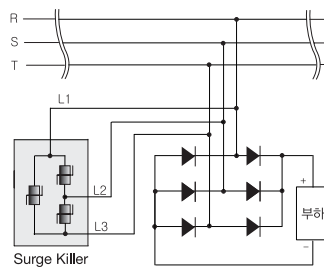
● Feature

1. Has an outstanding response property and can absorb even a sudden pulse voltage.
2. Has a limited voltage characteristic.
3. Has a large surge absorption ability.
4. Is symmetrical in voltage and current characteristics and absorbs the + or - polarity surge in the same performance.
5. Has a large rated power and has high reliability.

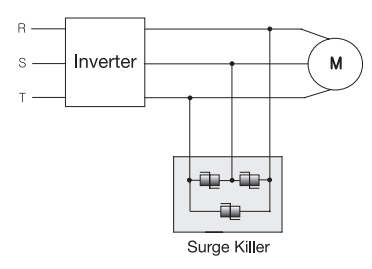
● 사용 예 (Use example)



AC 1Ø circuit

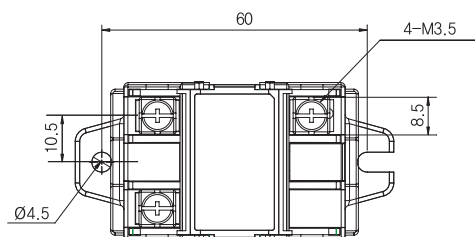
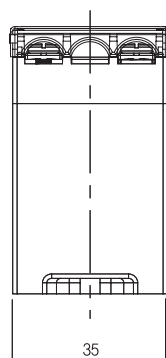
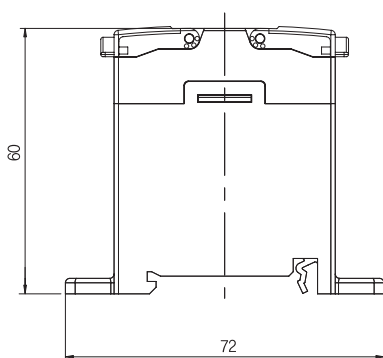


AC 3Ø circuit



Inverter output

● Dimension



※ Case color : Blue