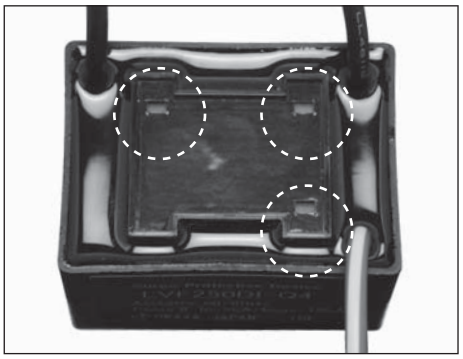
Features

- Compliant to the standard specification of the Ministry of Land, Infrastructure, Transport and Tourism
- SPD with a fail safe function to prevent short-circuit (separation of circuit and element is visually confirmable)
- Quick response for surge
- JIS5381-I : Nominal 8/20μs-5,000A
  Max. 8/20μs-10,000A
- Impulse test category: Class II (Type II)
- Every pathway consists of same elements. Between line and line/between lines and ground can protect as the same level.

- *Indicator of disconnector status*



Status
Green: Normal
No Green: Abnormal

Applications

- Road traffic and related equipment
- Power conditioner for solar photovoltaic system etc.

- Model numbering system

L V F □ □ □ D I – □ 4

- L V F: Series name
- □ □ □: Rated Voltage
- D I: DI
- □: Q = 1 Phase, U = 3 Phase
- 4: PVC wire type

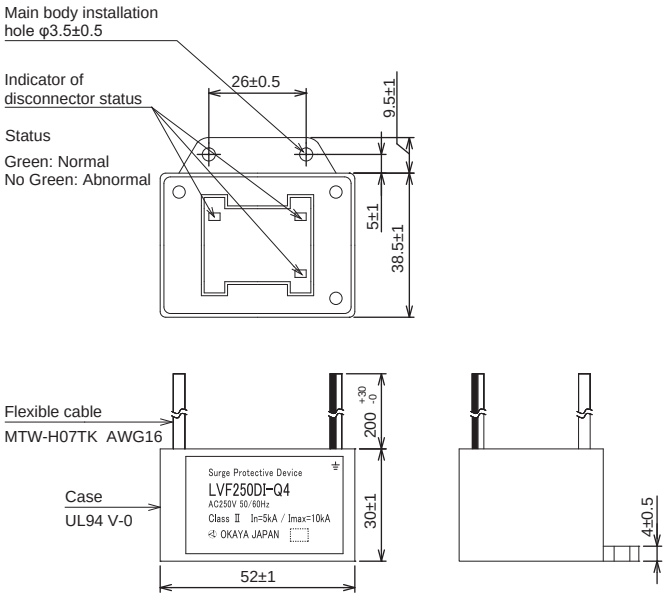
Electrical Specifications

Model Number	Rated Voltage 50/60Hz		DC Operating Voltage (V) ±25%	Voltage Protection Level (V)	Nominal Discharge Current 8/20μs (A)	Max. Discharge Current 8/20μs (A)	Impulse Life Test 8/20μs-1,000A
LVF150DI-Q4	SinglePhase	AC150V	450	1,200	5,000	10,000	Approx. 500 times
LVF250DI-Q4	SinglePhase	AC250V	700	1,500			
LVF250DI-U4	ThreePhase						
LVF300DI-Q4	SinglePhase	AC300V	1,000	2,000			
LVF300DI-U4	ThreePhase						
LVF480DI-Q4	SinglePhase	AC480V	1,400	2,500			
LVF480DI-U4	ThreePhase						

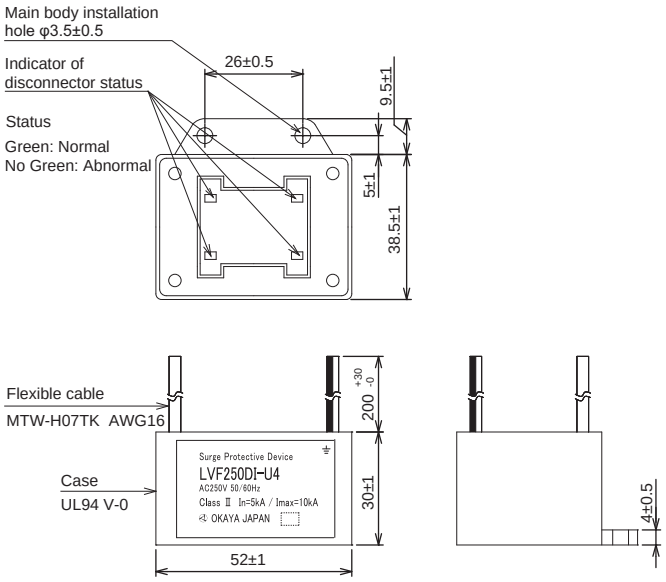
Operating Temperature: -40~+70°C

● *Dimensions*

LVF-□□□DI-Q4 series (Single-Phase)



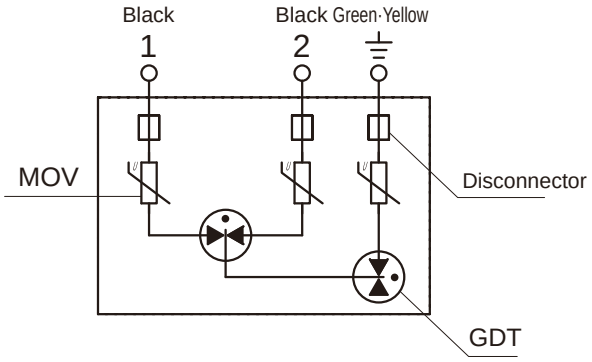
LVF-□□□DI-U4 series (Three-Phase)



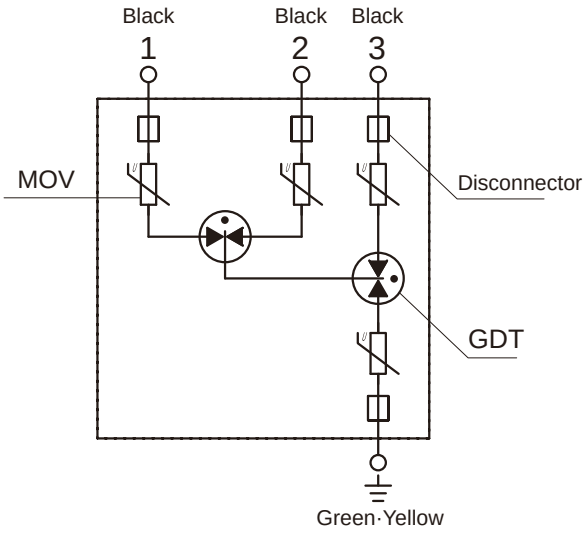
Unit: mm

● *Circuit*

LVF-□□□DI-Q4 series



LVF-□□□DI-U4 series



Flexible wires in black color can connect to each phase without any specific control.