



# DC HIGH VOLTAGE EV RELAY

# EVRI0



EVRI0

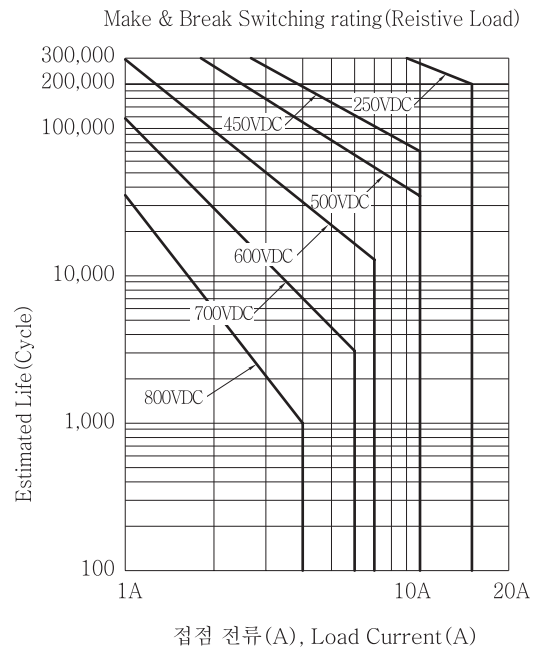
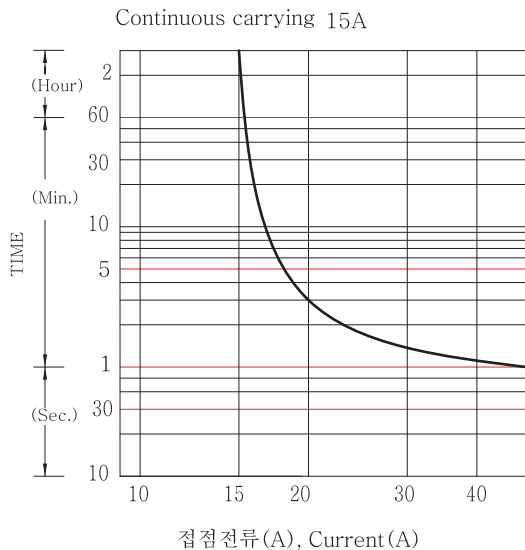
## ▶ 성능 (Characteristics)

Initial insulation resistance		Min. 100M $\Omega$ 500V DC
Expected life	Mechanical (Min.)	
	Electric (L/R $\leq$ 1ms)	450V DC 10A
		250V DC 15A
Initial breakdown voltage	Between open contacts	2500V AC 60 Sec. 10mA
	Between contacts & coil	2500V AC 60 Sec. 10mA
Operate time (at 20 $^{\circ}$ C)		Max. 20ms
Release time (at 20 $^{\circ}$ C)		Max. 5ms
Shock resistance	Functional	Min 196 % {20G}, (10 $\mu$ s)
	Destructive	Min 490 % {50G}
Vibration resistance	Functional	43 % {4.4G} 10 to 200Hz, (10 $\mu$ s)
	Destructive	43 % {4.4G} 10 to 200Hz
Conditions for operation transport and storage	Ambient temperature	-40 $^{\circ}$ C to +85 $^{\circ}$ C
	Humidity	5 to 85% R.H.
Unit weight		65g

## ▶ 특성곡선 (Reference data)

- 온도상승곡선
- 통전시간의 최대치 Max, Current capacity  
Max, Continuous thermal current rating (amperes)

- 전기적 수명 곡선  
(Estimated Switching Ratings)



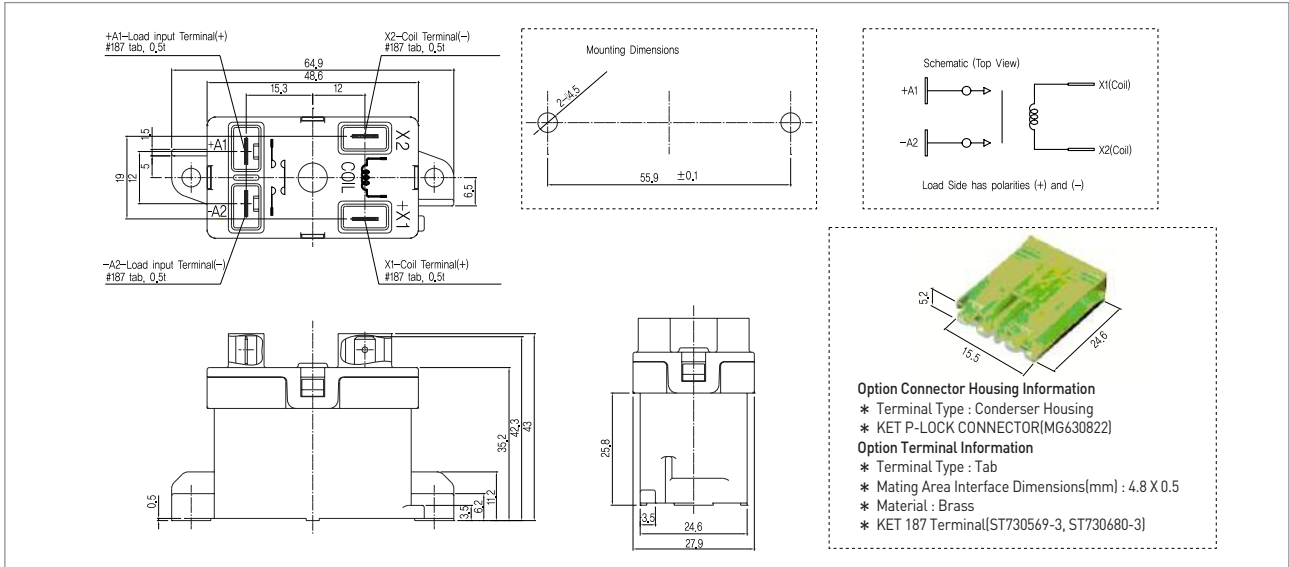
# DC HIGH VOLTAGE EV RELAY

# EVRI0



## ▶ 외형치수도 (Dimension in mm)

공차 (Tolerance) : 10mm 이하 ±0.3, 10~50mm ±0.6, 50mm 이상 ±1.0



## ▶ 회로 (Circuit)

