

HIGH VOLTAGE DC RELAY

EVR-400



EVR400

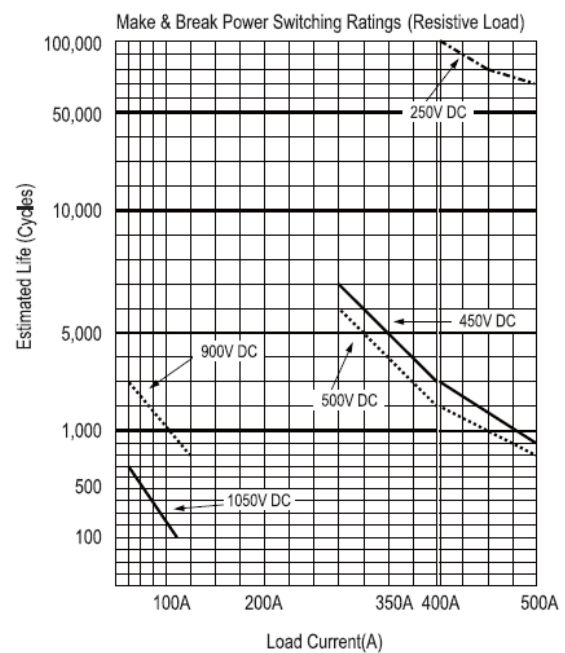
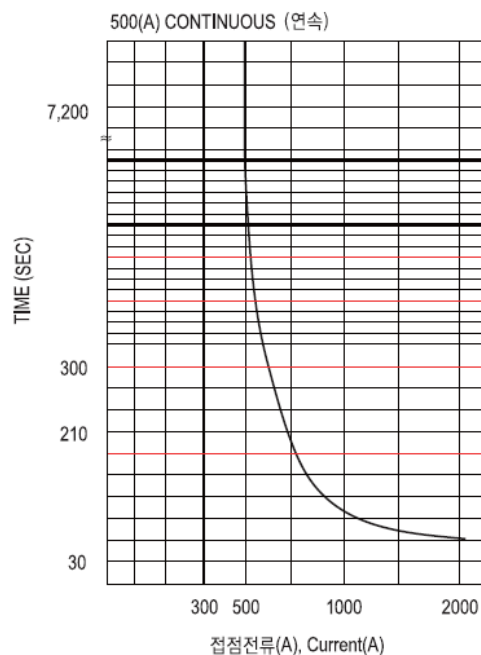
▶ 성능 (Characteristics)

Expected life	Mechanical (Min.)		10 ⁶
	Electric (L/R≤1ms)	450V DC 400A	3×10 ⁵
		250V DC 400A	10 ⁵
Initial insulation resistance			Min. 100MΩ 500V DC
Initial breakdown voltage	Between open contacts		3500V AC 1Min. 5mA
	Between contacts & coil		3500V AC 1Min. 5mA
Operate time (at 20℃)			Max. 20ms
Release time (at 20℃)			Max. 10ms
Shock resistance	Functional		Min 490 % {50G}
	Destructive		Min 147 % {20G}
Vibration resistance	Functional		100 % {20G} 80 to 2000Hz
	Destructive		100 % {20G} 80 to 2000Hz
Conditions for operation transport and storage	Ambient temperature		-40℃ to +85℃
	Humidity		5 to 85% R.H.
Unit weight			610g

▶ 특성곡선 (Reference data)

● 온도상승곡선

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



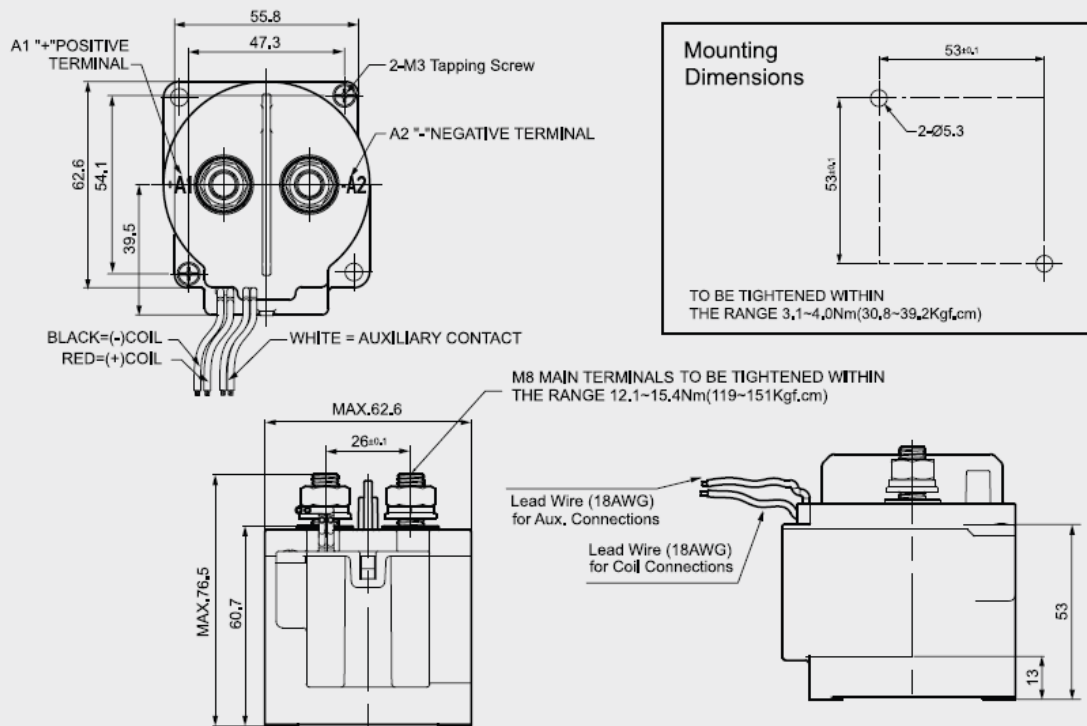
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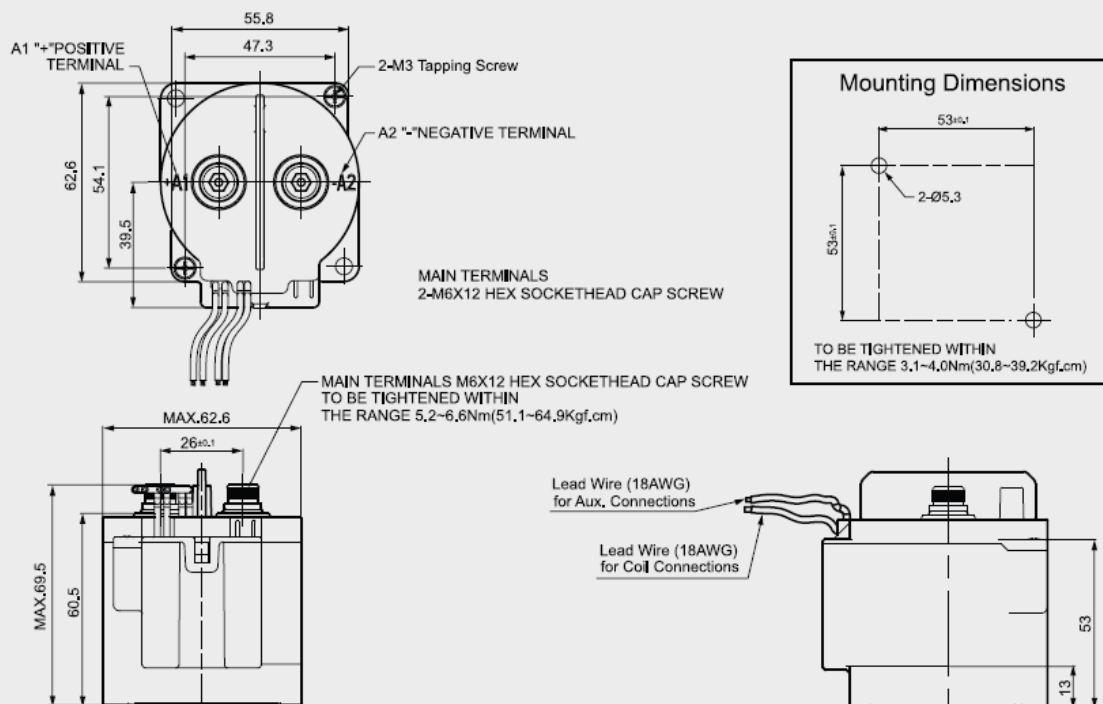


▶ 외형치수도 (Dimension in mm)

(Basic Type)



(Bolt on Type)





Hybrid, Electric & Fuel cell vehicles

DC HIGH VOLTAGE EV RELAY

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