

DC HIGH VOLTAGE Bi-directional SWITCHING RELAY

EVHD1000

(Double Switching Device)



- ▶ **응용분야 (Application)** : Charging System, Battery Energy Storage System, Solar System, etc. Bi-directional switching systems and AC systems.

▶ **코일정격 (Magnet coil ratings)**

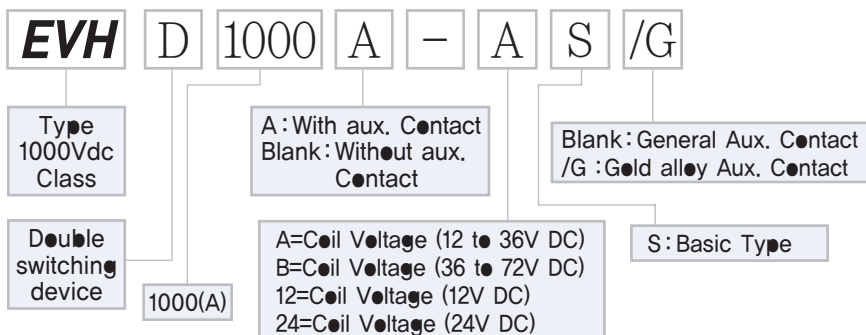
Nominal voltage(V)	Item	Inrush Coil current 100ms (Max.)	Holding Coil current (A)	Pick-up voltage (V)Max.	Drop-out voltage (V)Min.	Holding voltage (V)Min.	Max. voltage (V)Max.
B	60	2.8A	0.13A	32VDC	18VDC	22VDC	60VDC
	48	2.5A	0.20A				
	36	2.0A	0.25A				
A	36	4.2A	0.32A	9VDC	6VDC	7.5VDC	36VDC
	24	4.0A	0.45A				
	12	3.8A	0.70A				
12		3.8A	0.7A	9VDC	6VDC	7.5VDC	18VDC
24		2.2A	0.35A	18VDC	12VDC	13.5VDC	32VDC

Notes : 1. Nominal current and coil resistance are measured at +20°C. 2. Differences of coil resistance are ±10%. 3. Performance characteristic coil temperature is measured at +20°C.

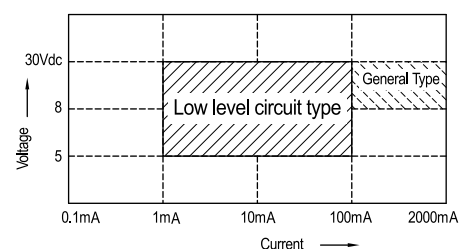
▶ **접점정격 (Contact ratings)**

Item	Type	1Pole Resistive load (L/R≤1ms)
		EVHD1000
Continuous current (wire size 325mm ² ×2)		1000A
Max. switching current		750VDC 800A
		500VDC 1000A
		1500VDC 200A
Max. switching Voltages		1500VDC / 1,000VAC
Contact Rating switching voltages		12~1500V DC / 1,000VAC
Voltage drop across contacts per 100A		20mV Max
Min. permissible load		12VDC 0.5A
Description		S,P On/Off (a)
Contact Arrangement, auxiliary contacts		1Form A (SPST-NO.)
General Aux. Contact Current, Max.		2A 30VDC / 3A 125VAC
General Aux. Contact Current, Min.		100mA 8VDC
Gold alloy Aux. Contact Max.		0.1A 30VDC / 0.1A 30VAC
Gold alloy Aux. Contact Min.		1mA 5VDC / 1mA 5VAC

▶ **주문방법 (Ordering information)**



Permissible load of Aux. contact



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▶ 외형치수도 (Dimension in mm)

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

