DK series

Features

DK for type

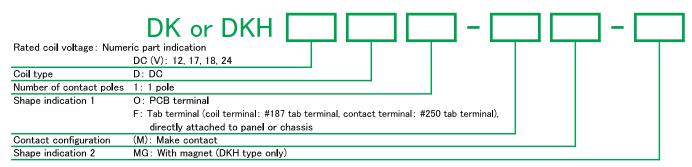
- O Power relay specialized for controlling high-voltage equipment. O There are two types, direct mounting on case (panel or chassis) type and PCB mounting type. O For handling high-voltage, the contact circuit is equipped with a #250 tab terminal so that an insulated receptacle can be used. O Ideal for switching the capacity of high-voltage capacitors corresponding to 50Hz/60Hz power frequency of microwave ovens. O High insulation design Between coil and contact: AC5000V 1min

Between open contact : AC5000V 1min

DKH for type O Compatible with maximum DC500V 30A cutoff

DKH-MG for type O No mounting polarity on the contact side. (Compatible with charging/discharging.)

■ Model numbering system



Safety standards

Electrical Appliances and	Conformable
Materials Safety Act	Gomoniane

Coil ratings

AC /DC		Item	Rated current (mA)	Coil resistance (Ω)	Operate vo l tage (V)	(V)	Maximum voltage (V)	Hold voltage (V)	Power consumption	
		Voltage			Ratio to rated voltage				(W)	
		12	75	160	(Applied time 0.3 to 1s) DKH type only				0.9 (Applied coil	
	DC	17	51.5	330		※① 150% to 250% (Applied time)	10% min.	110%	※② 55% to 70%	voltage 100%)
		18	50	360		10% 111111.	110%	(DKH type only)	0.27 (Applied coil	
		24	37.5	640	double voltage operation.				voltage 55%, DKH type only)	

Notes:

- 1. Rated current and coil resistance are values at coil temperature of 20°C, tolerance is $\pm 10\%$.
- 2. Operate voltage and release voltage are values at coil temperature of 20°C.
- 3. Maximum voltage is the maximum value of the allowable voltage fluctuation range of the relay coil operating power supply with the ambient temperature at 20°C.
- 4. For the DKH type, be sure to use the holding voltage of 2 after double voltage operation of 1.
- 5. For the DKH type, please use a varistors to absorb surges from the coil.

Please note that if a diode is used, the release time will be longer and the performance will not be guaranteed.

XBarista selection guideline

Varistor voltage: 1.5 times or more of coil rated voltage.

Please note that setting the varistor voltage high will affect the surge absorption effect.

DEC is a professional manufacturer of relays