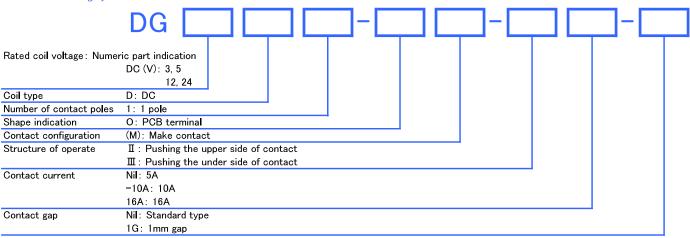
DG series

Features

- O General purpose miniature power relay boasting high reliability and achievement.
- O PCB type.
- O Small size, easy to use 1a relay.
- O Ideal for TV power supply, audio power supply, etc.
- O Conforms to the various safety standards.
- O We prepare contact current 5A and high capacity type 10A and 16A.
- $\ensuremath{\mathsf{O}}$ We prepare contact gap 1mm products suitable for interlock of copiers etc.

■ Model numbering system



■ Safety standards

	Contact rating							
	DG1U-II	DG1U-Ⅲ	DG1U-Ⅲ 16A					
UL/cUL	5A 125/250VAC 5A 30VDC TV-5, TV-8 120/250VAC	5A 125/250VAC 5A 30VDC TV-5 120/250VAC, 10A 250VAC	16A 277VAC					
SEMKO	3/120A, 8/120A 8/60A, 4/135A 250VAC	10A 250VAC						
TUV	5A 8A 250VAC 5A 8A 30VDC	5A 250VAC 10A 250VAC	16A 250VAC					
CQC	5A 250VAC	10A 250VAC	16A 250VAC					

Electrical Appliances and	Comformable
Materials Safety Act	Conformable

Coil ratings

Item		Power consumption 0.25W		Power consumption 0.53W		Operate voltage	Release voltage	Maximum voltage	
	iteiii	Rated current	Coil resistance	Rated current	Coil resistance	(V)	(V)	(V)	Power consumption
AC/DC	Voltage	(mA)	(Ω)	(mA)	(Ω)	Ratio to rated voltage			
DC ·	3	_	_	176.5	17	80% max.	5% min.	110%	0.25W 0.53W
	5	50	100	106	47				
	12	20.8	576	44	275				
	24	10.4	2300	22	1100				

● 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.