DH series

■ Features

○ It is a general purpose power relay of 1-pole 10A, 16A, 2-poles 5A boasting high reliability and achievement.
○ PCB type and tab terminal type are prepared.
○ Small size, easy to use 1-pole and 2-poles relay.
○ DH2TU is ideal for audio speaker protection etc.

■ Model numbering system

DH □ □ □ — □ □ — □

| Rated coil voltage: Numeric part indication DC (V): 5, 12, 24 |
Coil type	D: DC
Number of contact poles	1: 1 pole / 2: 2 poles
Shape indication	O: PCB terminals / F: Flange-mounting type (#187 tab terminal)
Contact configuration	(M): Make contacts / T(M): Crossbar twin contacts (GS alloy) / Nil: Transfer contacts
Notes	Ⅱ: Seal type / 16A: High-capacity, 1-pole, 16A type

■ Safety standards

	Contact rating (1-pole)				Contact rating (2-poles)	
	DH1U	DH1U-Ⅱ	DH1U-16A	DH1FU	DH2U	DH2TU
UL/cUL	10A 250V AC 8A 265V AC 10A 30V DC 1/3hp 265V AC TV-8/120VAC	16A 250V AC 8A 265V AC 1/3hp 265V AC	16A 250V AC	10A 277V AC	5A 265V AC 5A 250V AC 3A 30V DC 1/12hp 265V AC TV-3/120VAC	3A 120V AC 3A 30V DC
VDE	10A (cosφ=1) 7.5A (cosφ=0.4) 250V AC	16A (cosφ=1) 12A (cosφ=0.4) 250V AC		10A (cosφ=1) 250V AC		
TUV	5A (cosφ=1) 250V AC 3A (cosφ=0.4) 250V AC 5A (L/R=0ms) 30V DC 5A (L/R=7ms) 30V DC		16A 250V AC			
CQC		16A 250V AC				

Electrical Appliances and Materials Safety Act	Conformable

■ Coil ratings

Item AC/DC　　Voltage		Rated current (mA)	Coil resistance (Ω)	Operate voltage (V)	Release voltage (V)	Maximum voltage (V)	Power consumption (W)
				Ratio to rated voltage			
DC	5	106	47	80% max.	10% min.	110%	0.53
	12	44	275				
	24	22	1100				

● Notes: 1. Rated current and coil resistance are values at coil temperature of 20℃, tolerance is ±10%.
　　　　　2. Operate voltage and release voltage are values at coil temperature of 20℃.
　　　　　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℃.