

Features

- High sensitivity and slim type
- Micro size and high capacity
- Saving space on PC Board
- Very strong on surge
- UL, CSA, TUV, SEMKO, TV-5



Typical Applications

- Electrical home appliance(Refrigerator, TV, Air-conditioner, Boiler, Microwave oven, etc.)
- Office machines(Facsimile, Copy-machine, etc.)

Ordering Information

DY3MA	12
Model	Coil voltage (VCD)
Miniature High-Power Relay	5, 6, 9, 12, 18, 24, 48

Coil Ratings

Item Nominal Voltage(VDC)	Coil Resistance ($\Omega \pm 10\%$)	Nominal Current (mA)	Pick-up voltage	Drop-out voltage	Max. voltage	Coil power dissipation
			% of nominal voltage			
5	45	111.1	80 Max.	7 Min.	120 Max.	Approx 0.55W
6	65	92.3				
9	145	62.1				
12	260	46.2				
18	590	30.5				
24	1,050	22.9				
48	4,190	11.5				

Contact Ratings

Item	Load	Resistive load ($\cos \phi = 1$)	Inductive load ($\cos \phi = 0.4$, $L/R = 7\text{ms}$)
Rated load		10A 250VAC, 10A 30VDC	5A 250VAC, 5A 30VDC
Carrying current		10A	
Max. voltage		250VAC, 30VDC	
Max. switching current		10A	5A
Max. switching capacity		2,500VA, 300W	1,250VA, 150W
Min. permissible load(ref. value)		5VDC 1A	