

7.5 Digital Output Module Specification

7.5.1 8 point relay output module

Model		Relay output module		
Specification		XBE-RY08A		
Output point	8 point			
Insulation method	Relay insulation			
Rated load voltage / Current	DC24V 2A (Resistive load) / AC220V 2A (COSΨ = 1), 5A/COM			
Min. load voltage/Current	DC5V / 1 mA			
Max. load voltage/Current	AC250V, DC125V			
Off leakage current	0.1 mA (AC220V, 60 Hz)			
Max. On/Off frequency	3,600 times/hr			
Surge absorber	None			
Service life	Mechanical	20 millions times or more		
	Electrical	Rated load voltage / current 100,000 times or more		
		AC200V / 1.5A, AC240V / 1A (COSΨ = 0.7) 100,000 times or more		
		AC200V / 1A, AC240V / 0.5A (COSΨ = 0.35) 100,000 times or more		
	DC24V / 1A, DC100V / 0.1A (L / R = 7 ms) 100,000 times or more			
Response time	Off → On	10 ms or less		
	On → Off	12 ms or less		
Common method	8 point / COM			
Proper cable size	Stranded cable 0.3~0.75 mm ² (External diameter 2.8 mm or less)			
Current consumption	230 mA (when all point On)			
Operation indicator	Output On, LED On			
External connection method	9 point terminal block connector			
Weight	80g			
Circuit configuration		No.	Contact	Type
		TB1	0	
		TB2	1	
		TB3	2	
		TB4	3	
		TB5	4	
		TB6	5	
		TB7	6	
		TB8	7	
		TB9	COM	