

7.5.3 16 point relay output module

Specification		Model	Relay output module		
			XBE-RY16A		
Output point		16 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		420 mA (when all point On)			
Operation indicator		Output On, LED On			
External connection method		9 point terminal block connector x 2 ea			
Weight		130g			
Circuit configuration			No.	Contact	Type
<p>The diagram shows an internal circuit with a DC5V source connected to a relay (RY). The relay's contacts are connected to a terminal block with terminals TB1, TB8, and TB9. TB1 is connected to one contact, TB8 to the other, and TB9 to the common terminal. The terminal block is connected to an AC source.</p>			TB1	0	
			TB2	1	
			TB3	2	
			TB4	3	
			TB5	4	
			TB6	5	
			TB7	6	
			TB8	7	
			TB9	COM	
			TB1	8	
			TB2	9	
			TB3	A	
			TB4	B	
			TB5	C	
			TB6	D	
			TB7	E	
			TB8	F	
			TB9	COM	