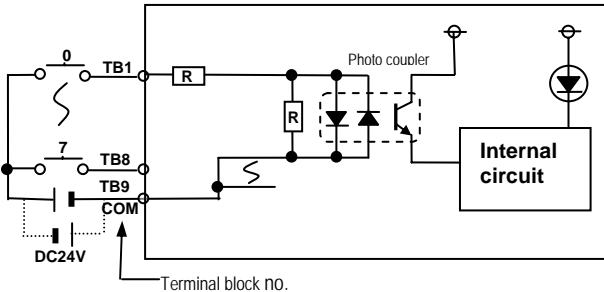


Chapter 7 Input/Output Specifications

7.4.2 16 point DC24V input module (Sink/Source type)

Model		DC input module		
		XBE-DC16A	XBE-DC16B	
Specification		XBE-DC16A	XBE-DC16B	
Input point		16 point		
Insulation method		Photo coupler insulation		
Rated input voltage		DC24V	DC12/24V	
Rated input current		About 4 mA	About 4/8 mA	
Operation voltage range		DC20.4~28.8V (ripple rate < 5%)	DC9.5~30V (ripple rate < 5%)	
On Voltage/Current		DC19V or higher / 3 mA or higher	DC9V or higher / 3 mA or higher	
Off Voltage/Current		DC6V or less / 1 mA or less	DC5V or less / 1 mA or less	
Input resistance		About 5.6 kΩ	About 2.7 kΩ	
Response time	Off → On	1/3/5/10/20/70/100 ms (set by CPU parameter) Default: 3 ms		
	On → Off			
Insulation pressure		AC560Vrms / 3Cycle (altitude 2000m)		
Insulation resistance		10 MΩ or more by Megohmmeter		
Common method		16 point / COM		
Proper cable size		Stranded cable 0.3~0.75 mm ² (External diameter 2.8 mm or less)		
Current consumption		40 mA (when all point On)		
Operation indicator		Input On, LED On		
External connection method		8 pin terminal block connector + 10 pin terminal block connector		
Weight		53 g		
Circuit configuration		No.	Contact	Type
		TB1	0	
		TB2	1	TB1
		TB3	2	TB2
		TB4	3	TB3
		TB5	4	TB4
		TB6	5	TB5
		TB7	6	TB6
		TB8	7	TB7
		TB1	8	TB8
		TB2	9	TB1
		TB3	A	TB2
		TB4	B	TB3
		TB5	C	TB4
		TB6	D	TB5
		TB7	E	TB6
		TB8	F	TB7
		TB9	COM	TB8
TB10	COM	TB9		
		TB10		