

XGB Programmable Logic Controller DC Input / Relay Output Expansion Unit

General Specifications - DC Input

Item	XBE-DR16A
Input Points	8 Point
Insulation Method	Photo coupler
Rated Input Voltage	DC 24V
Rated Input Current	4mA
Operation Voltage Range	DC 20.4-28.8V (ripple rate -5%)
On Voltage / On Current	DC 19V or more / 3mA or more
Off Voltage / Off Current	DC 6V or less / 1mA or less
Input Resistance	5.6kΩ
Response Time	OFF → ON
	ON → OFF
	1/3/5/10/20/70/100ms (setting by CPU parameter) Initial value: 3ms
Common Method	8 Point / COM
Weight	81g

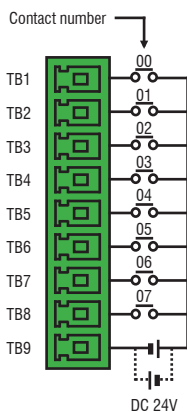
General Specifications - Relay Output

Input Points	8 Point	
Insulation Method	Relay insulation	
Rated Load Voltage / Current	24V 2A (R load) / 220V 2A (COSφ = 1), 5A / COM	
Min. Load Voltage / Current	DC 5V / 1mA	
Max. Load Voltage	AC 250V, DC 125V	
Off Leakage Current	0.1mA (AC 220V, 60Hz)	
Max. On / Off Frequency	3600 times / hr	
Service Life	Mechanical	
		20 million times or more
	Electrical	Rated load voltage / current 10,000 times
		AC 200V / 1.5A, AC 240V / 1A (COSφ = 0.7)
AC 200V / 1A, AC 240V / 0.5A (COSφ = 0.35)		
	DC 24V / 1A, DC 100V / 0.1A (L/R = 7ms)	
Response Time	OFF → ON	
	ON → OFF	
	10ms or less	
	12ms or less	
Common Method	8 points / COM	
Internal Current Consumption	250mA	
External Connection Method	9 pin terminal block connector / 8 point	



Wiring

8 Point DC Input



8 Point Relay Output

