

## Slim type

### Input specification

Item	XBM-DR16S	XBM-DN16S	XBM-DN32S
Input point	8 points	8 points	16 points
Rated input voltage	DC 24V		
Rated input current	4mA (00 ~ 03: 7mA)		
Operation voltage range	DC 20.4 ~ 28.8V (Ripple rate < 5%)		
Response time	Off → On	1/3/5/10/20/70/100ms	
	On → Off	(Set by CPU parameter) Default : 3ms	
Common method	8 points/COM		16 points/COM

### Relay output specification

Item	XBM-DR16S	
Output point	8 points	
Insulation method	Relay insulation	
Rated load voltage / current	DC 24V 2A (Resistive load)/AC 220V 2A (COS $\phi$ = 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	3,600 times/hr	
Service life	Mechanical	20 millions times or more
	Electrical	Rated load voltage/Current 100,000 times or more
		AC 200V/1.5A, AC 240V/1A (COS $\phi$ = 0.7) 100,000 times or more
		AC 200V/1A, AC 240V/0.5A (COS $\phi$ = 0.35) 100,000 times or more
DC 24V/1A, DC 100V/0.1A (L / R = 7ms) 100,000 times or more		
Response time	Off → On	10ms or less
	On → Off	12ms or less
Common method	8 points / COM	

### Transistor output specification

Item	XBM-DN16S	XBM-DN32S
Output point	8 point	16 point
Insulation method	Photo coupler insulation	
Rated load voltage	DC 12 /24V	
Load voltage range	DC 10.2 ~ 26.4V	
Max. load voltage	0.2A/1 point (P20 ~ 23: 0.1A/Point)	
Max. inrush current	4A/10ms or less	
Max. voltage drop (On)	DC 0.4V or less	
Response time	Off → On	1ms or less
	On → Off	1ms or less (Rated load, Resistive load)
Common method	8 point / COM	16 point / COM
External power supply	Voltage	DC 12/24V $\pm$ 10% (Ripple voltage 4 Vp-p or less)
	Current	25mA or less (DC 24V connection)
External connection method	20pin connector	