

Chapter 7 Input/Output Specifications

7.5.5 16 point transistor output module (Sink type)

Model		Transistor output module		
Specification		XBE-TN16A		
Output 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, 2A / 1COM		
Off leakage current		0.1 mA or less		
Max. inrush current		4A / 10 ms or less		
Max. voltage drop (On)		DC 0.4V or less		
Surge absorber		Zener Diode		
Response time	Off → On	1 ms or less		
	On → Off	1 ms or less (Rated load, resistive load)		
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		60 mA (when all point On)		
External power supply	Voltage	DC12/24V ± 10% (ripple voltage 4 Vp-p or less)		
	Current	10 mA or less (DC24V connection)		
Operation indicator		Output On, LED On		
External connection method		8 pin terminal block connector + 10 pin terminal block connector		
Weight		54 g		
Circuit configuration				
		No.	Contact	Type
		TB01	0	
		TB02	1	
		TB03	2	
		TB04	3	
		TB05	4	
		TB06	5	
		TB07	6	
		TB08	7	
		TB01	8	
		TB02	9	
		TB03	A	
		TB04	B	
		TB05	C	
		TB06	D	
		TB07	E	
TB08	F			
TB09	DC12 / 24V	TB09		
TB10	COM	TB10		