

## Chapter 7 Input/Output Specifications

### 7.5.8 16 point transistor output module (Source type)

Model		Transistor output module			
		XBE-TP16A			
Specification					
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		0.5A / 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 <sup>2</sup> (external diameter 2.8 mm or less)			
Current consumption		60 mA (When all outputs are on)			
External power	Voltage	DC12/24V ± 10% (ripple voltage 4 Vp-p or less)			
	Current	10 mA or less (connecting DC24V)			
Operation indicator		LED On when output On			
External connection method		8 pin terminal block connector + 10 pin terminal block connector			
Weight		40g			
Circuit configuration					
		No.	Contact	Type	
		TB01	0	TB01	
		TB02	1	TB02	
		TB03	2	TB03	
		TB04	3	TB04	
		TB05	4	TB05	
		TB06	5	TB06	
		TB07	6	TB07	
		TB08	7	TB08	
		TB01	8	TB01	
		TB02	9	TB02	
		TB03	A	TB03	
		TB04	B	TB04	
		TB05	C	TB05	
		TB06	D	TB06	
		TB07	E	TB07	
		TB08	F	TB08	
TB09	COM	TB09			
TB10	0V	TB10			