

Chapter 7 Input/Output Specifications

7.5.6 32 point transistor output module (Sink type)

Specification		Model	Transistor output module						
			XBE-TN32A						
Output point		32 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		0.7A / 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		32 point / COM							
Proper cable size		0.3 mm ²							
Current consumption		120 mA (when all point On)							
External power supply	Voltage	DC12/24V ± 10% (ripple voltage 4 Vp-p or less)							
	Current	20 mA or less (DC24V connection)							
Operation indicator		Output On, LED On							
External connection method		40 pin connector							
Weight		60g							
Circuit configuration					No.	Conta ct	No.	Conta ct	Type
					B20	00	A20	10	
					B19	01	A19	11	
					B18	02	A18	12	
					B17	03	A17	13	
					B16	04	A16	14	
					B15	05	A15	15	
					B14	06	A14	16	
					B13	07	A13	17	
					B12	08	A12	18	
					B11	09	A11	19	
					B10	0A	A10	1A	
					B09	0B	A09	1B	
					B08	0C	A08	1C	
					B07	0D	A07	1D	
					B06	0E	A06	1E	
					B05	0F	A05	1F	
B04	NC	A04	NC						
B03	NC	A03	NC						
B02	DC12/24V	A02	COM						
B01		A01							