

Features

- 8, 16, 32, 64 points I/O module
- Operation monitoring by LED display
- Easy maintenance: Terminal block type, one-touch installation of module



Input module specifications

Item	DC input						AC input				
Type	XGI-D21A	XGI-D22A	XGI-D22B	XGI-D24A	XGI-D24B	XGI-D28A	XGI-D28B	XGI-A12A	XGI-A21A	XGI-A21C	
Input point	8	16		32			64	16	8	8	
Rated input voltage	DC24V						AC100-120V		Free voltage	DC100/240V	
Rated input current	4mA						8mA		17mA	17mA	
ON voltage/current	19V or more / 3mA or less						AC80V or more / 5mA or less		AC130V or more / 10mA or less	AC80V or more / 5mA or less	
OFF voltage/current	DC11V or more / 1.7mA or less						AC80V or more / 5mA or less		AC60V or more / 2mA or less	AC30V or more / 1mA or less	
Response	Off→On	1ms/5ms/10ms/20ms/70ms (set by CPU parameter) Initial value: 3ms						15mA or less			
	On→Off	1ms/5ms/10ms/20ms/70ms (set by CPU parameter) Initial value: 3ms						25mA or less			
Common (COM)	8 points/COM	16 points/COM		32 points/COM				16 points/COM	8 points/COM	1 points/COM	
Insulation method	Photocoupler						Photocoupler				
Current consumption (mA)	20	30		50		60		30	20	20	
Weight (Kg)	0.1	0.12		0.1		0.15		0.13	0.13	0.13	

Output module specifications

Item	Relay			Transistor				Triac				
Type	XGQ-RY1A	XGQ-RY2A	XGQ-RY2B	XGQ-TR1C	XGQ-TR2A	XGQ-TR2B	XGQ-TR4A	XGQ-TR4B	XGQ-TR8A	XGQ-TR8B	XGQ-SS2A	
Output point	8	16		8	16		32		64		16	
Rated input voltage	DC12/24V, AC110/220V			DC12/24V								AC110/220V
Rated input current	1 Point	2A		2A	0.5A		0.1A		0.6A			
	Common	5A		0.1A	4A		2A		4A			
Response time	Off→On	10ms or less		3ms or less	1ms or less				1ms or less			
	On→Off	12ms or less		10ms or less	1ms or less				0.5cycle +1ms or less			
Common (COM)	1 point/COM	16 points/COM		1 points/COM	32 points/COM				16 points/COM			
Insulation method	Relay			Photocoupler								
Current consumption (mA)	260	500		100	70		130		230		300	
Weight (Kg)	0.13	0.17	0.19	0.11	0.11		0.1		0.15		0.2	
Surge killer	-		Varistor	Zener diode							Varistor	
External power supply	-			DC12/24V		DC				-		

Note) B1, B2 of 32, 62 points terminal (connector) are shorted inside of the product.