

AU High Performance Digital Input Module

Product Features

- Input photoelectric isolation
- Filter is configurable
- Bus and channel isolation technology is reliable
- 150us fast response

Size of Product

Order data				
model	AU 8 point input		AU 16 point input	
product picture				
Product overview	8-bit input, 24VDC, 150us fast response		16 bit input, 24VDC, 300us fast response	
technical specifications				
number of order	AU1008	AU1088	AU1809	AU1889
Number of input points	8		16	
The bus consumes 5VDC current	<50mA			
The power supply voltage of the electronic device	---		Through power contacts	
Cable length (shielded)	最长500m			
Cable length (unshielded)	最长300m			
Backplane bus	LVDS backplane bus			
input voltage				
●Quota value	24VDC			
● "0" signal	Maximum 5VDC, 1mA			
● "1" signal	Minimum 15VDC, 2.5mA			
Input delay				
●From 0 to 1, minimum	150us			
●From 1 to 0, minimum	150us			
input characteristics	Source-specific	Leakage pattern	Source-specific	Leakage pattern
Allow static current	1mA			
Insulation test voltage	500VDC			
insulate				
●Between channel and bus	have			
●interchannel	have			

Size of Product

Order data				
model	AU 8 point input		AU 16 point input	
number of order	AU1008	AU1088	AU1809	AU1889
insulate				
Display instructions	Green LED is displayed on each channel			
System power diagnostics and warnings	support			
work environment	Working environment temperature: -20~60°C, relative humidity: 5%~90% (no condensation)			
Size (length x width x height)	12*100*68			

Order Information

specifications	number of order
AU1008 digital module, LVDS backplane bus, 8 inputs, supports PNP input, 24VDC, 150us fast response, supports input filter Settings, module diagnostic function	AU1008
AU1088 digital module, LVDS backplane bus, 8 inputs, supports NPN input, 24VDC, 150us fast response, support input filter Settings, module diagnostic function	AU1088
AU1809 digital quantity module, LVDS backplane bus, 16 inputs, supports PNP input, 24VDC, 150us fast response, support input filter Settings, module diagnostic function	AU1809
AU1889 digital quantity module, LVDS backplane bus, 16 inputs, support NPN input, 24VDC, 150us fast response, support input filter Settings, module diagnostic function	AU1889

AU High Performance Digital Output Module

Product Features

- Output photo-isolation
- Overvoltage and short circuit protection
- Bus and channel isolation technology is reliable
- 150us fast response

Size of Product

Order data				
model	AU 8 point output		AU 16 point output	
product picture				
Product overview	8 bit transistor output, 24VDC, 150us fast response		16 transistor output, 24VDC, 300us fast response	
technical specifications				
number of order	AU2008	AU2088	AU2809	AU2889
Output type	PNP type solid MOSFET	NPN type solid state MOSFET	PNP type solid MOSFET	NPN type solid state MOSFET
Number of output points	8		16	
The bus consumes 5VDC current	<50mA			
The power supply voltage of the electronic device	---		Through power contacts	
Cable length (shielded)	最长500m			
Cable length (unshielded)	最长150m			
Backplane bus	LVDS backplane bus			
Output short circuit protection	Yes, electronic			
leakage current	<1mA			
Maximum lamp load	5W			
Output current "I"	0. 5A			
Overcurrent protection threshold	1. 5A, 5ms			
Mechanical life of contacts	---			
Terminal electrical life (rated load)	---			
switching frequency				
●Resistive load, maximum	1KHZ			
●Sensory load, maximum	0. 5HZ			
●Light load, maximum	10HZ			
●Mechanical load, maximum	---			
Insulation test voltage	500VDC			

size of product

Order data				
model	AU 8 point output		AU 16 point output	
number of order	AU2008	AU2088	AU2809	AU2889
insulate				
● Between channel and bus	have			
● interchannel	have			
Display instructions	Green LED is displayed on each channel			
System power diagnostics and warnings	support			
work environment	Working environment temperature: -20~60°C, relative humidity: 5%~90% (no condensation)			
Size (length x width x height)	12*100*68			

Order data

specifications	number of order
AU2008 digital signal module, LVDS backplane bus, 8 outputs, PNP transistor, rated 24VDC/0.5 A, total per module not exceeding 10A, module diagnostic function	AU2008
AU2088 digital signal module, LVDS backplane bus, 8 outputs, NPN transistor, rated 0VDC (±3 V)/0.5A, total per module not exceeding 10A, module diagnostic function	AU2088
AU2809 digital signal module, LVDS backplane bus, 16 outputs, PNP transistor, rated 24VDC/0.5 A, total per module not exceeding 10A, module diagnostic function	AU2809
AU20889 digital signal module, LVDS backplane bus, 16 outputs, NPN transistor, rated 0VDC (±3V)/0.5A, total per module not exceeding 10A, module diagnostic function	AU2889