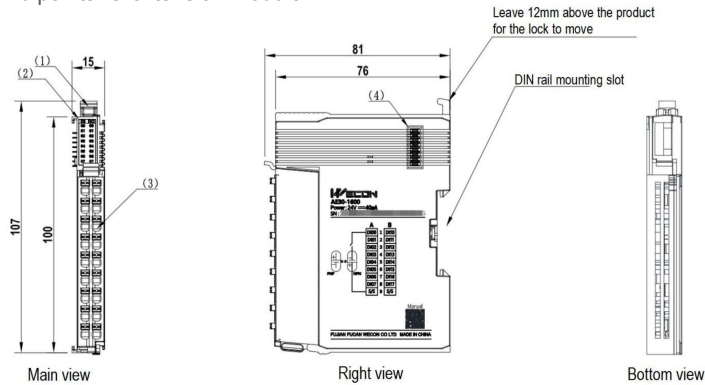


Type	Model	Description	Size
16 points IO extension module	AE30-0808N	8-channel switch input, support NPN and PNP 8-channel transistor output, support NPN	107*15*81mm
	AE30-1600	16-channel switch input, support NPN or PNP	
	AE30-0016N	16-channel transistor output, support NPN	

Installation

16 points IO extension module



(1) DIN rail clip; (2) I/O indicator; (3) I/O terminal; (4) Right expansion interface

Input Specification

Item	Digital Input
Input Circuit Composition	NPN connection: S/S connect to 24V; PNP connection: S/S connect to 0V.
Input Signal Voltage	DC24V±10%
Input Signal Current	3.4mA/DC24V (The input current with standard 24V)
Input ON Current	2.7mA above
Input OFF Current	Below 1.5mA
Input Response Time	Approx. 0.2ms
Input Signal Form	Contact input, support NPN, PNP input.
Circuit Insulation	Integrated chip capacitor isolation
Action Display	LED turn ON when trigger input signal

Output Specification

Common IO modules

Item	Transistor Output
Output Circuit Composition	NPN connection
External Power Supply	DC 5 to 30V

Circuit Insulation		Integrated chip capacitor isolation
Action Display		LED turn ON when trigger output signal
Maximum load	Resistance Load	16-point module: 0.4A/point, 3.2A/module
	Inductive Load	16-point module: DC24V 9.6W/point, 24W/module
	Lamp Load	16-point module: DC24V 0.9W/point, 1.8W/module
Open Circuit Leakage Current		Below 1μA/DC30V
Minimum Load		--
Response Time	OFF → ON	Approx. 0.2ms
	ON → OFF	Approx. 0.2ms