



## PLC with Digital Input / Digital Output and Analog Input / Analog Output

Integrated with logic control, analog input & output in one unit.  
 Digital input : 9 points ( NPN type optical couple to isolate).  
 Digital output : 10 points ( relay ).  
 Analog input : 8 points ( 0 ~ 10 voltage ).  
 Analog output : 2 points ( 0 ~ 10 voltage or 4 ~ 20mA).  
 Support 3 channels AB phase input.  
 Support 4 channels high speed count (20KHZ).  
 Simple configuration, compact appearance .  
 High cost performance, save more space .

### PRODUCTS STANDARS

#### 1. General Specifications.

Input voltage	AC100V~240V
Voltage range	AC90V~265V
Rated frequency	50/60Hz
Power consumption	Less than 12W (TYP2.0W)
Permit instantaneous power off	Less than 20ms
Power for sensor	24VDC±10% , max 400mA
Voltage endurance	AC1000V-10MA 1 minute (between signal and groud)
Insulated resistance	DC500V-约10MΩ (between signal and groud)



## 2. Function Specifications.

Item	Analog input ( AD )		Analog output ( DA )	
	Voltage input		Voltage output	Current output
Analog input range	0~10V		-	
Max input range	DC±18V		-	
Analog output range	-		DC0~10V ( External load resistance 2KΩ~1MΩ )	DC4~20mA (External load resistance is less than 500Ω )
Digital input range	-		8bits ( 0~256 )	
Digital output range	12 bits ( 0~4095 )		-	
Resolving capability	1/4095(12Bit); Converted data are stored with hex form in PLC (12Bit)		1/256(8Bit); Converted data are stored with hex form in PLC ( 8Bit )	
Integrated accuracy	0.8%			
Convert speed	15ms/1 channel		2ms/1 channel	
Power for analog	DC24V±10%,100mA			
Installation	Fixed with M3 screws or installed directly in DIN46277(35mm width) guide rail			
External dimensions	139×110×93.3 ( cm )			