SMALL SIZE BIG UTILITY EVERYTHING IS POSSIBLE





FAB Giant



Selection Guide...

AF Modules >>>

	AF - 10 main modules				
	Туре	Type Power supply		Output	
	AF - 10MR - A	R - A AC100 - 240V 6 points AC digital input 4 p		4 points relay output	
- THE A	AF - 10MR - D	DC12-24V	6 points DC input (with analog)	4 points relay output	
	AF - 10MR - E	AC/DC12-24V	6 points DC input (with analog)	4 points relay output	
	AF - 10MT - D	DC12-24V	6 points DC input (with analog)	4 points transistor (NPN) output	
	AF-10MT-GD	DC12-24V	6 points DC input (with analog)	4 points transistor (PNP) output	

	AF - 20 main modules				
	Туре	Type Power supply Input		Output	
ST BE	AF - 20MR - A	AF - 20MR - A AC100 - 240V 12 points AC digital input		8 points relay output	
	AF - 20MR - D	DC12-24V	12 points DC input (with analog)	8 points relay output	
	AF - 20MR - E	AC/DC12-24V	12 points DC input (with analog)	8 points relay output	
	AF - 20MT - D	DC12-24V	12 points DC input (with analog)	8 points transistor (NPN) output	
	AF-20MT-GD	DC12-24V	12 points DC input (with analog)	8 points transistor (PNP) output	

Andrew Andrew	Text panel				
	Type Power supply		Display	Communication interface	
	SH300	DC12-24V	4.3"STN(12 Characters * 4 Rows)	RS232/RS422/RS485	
	SH200	DC12-24V	4.3"STN(12 Characters * 4 Rows)	R\$232	

	Telephone voice module				
	Туре	Power supply	Property		
the state of the s	AF-MUL-A	AC110-220V	T I I I I I I I I I I		
	AF-MUL-D	DC12-24V	Telephone remote control, automatic dialing alarm and voice broadcasting		
	AF - AUDRecording line				

	Switching power supply					
	Туре	Output voltage	Output current	Туре	Output voltage	Output current
	SP-05AS	DC5V	6A	SP-12AL	DC12V	6A
	SP-12AS	DC12V	ЗA	SP-24AL	DC12V	ЗA
	SP-24AS	DC24V	1.5A	SP - 48AS	DC48V	0.75A
	SP-05AL	DC12V	10A	SP - 48AL	DC48V	1.5A

Selection Guide...

Technical parameters >>

Technical par	ameters 🤌	and a second					
Type Parameters	AF - 10MR - A AF - 20MR - A	AF - 10MR - E AF - 20MR - E	AF - 10MT - E AF - 20MT - E	AF - 10MR - D AF - 20MR - D	AF - 10MT - D AF - 20MT - D	AF - 10MT - GD AF - 20MT - GD	
Power supply							
Rated voltage	AC100-240V	AC/DC12-24V	DC12/24V	DC12/24V	DC12/24V	DC12/24V	
Permitted voltage range	AC85 - 260V	AC/DC10-28V	DC10-28V	DC10-28V	DC10-28V	DC10-28V	
Power consumption	3W/ 5W	3W/ 5W	1.5W/2W	3W/ 5W	1.5w/2W	1.5w/2W	
Input part							
Digital input	Yes	Yes	Yes	Yes	Yes	Yes	
Analog input	NO	NO	NO	Yes	Yes	Yes	
Input voltage for Signal 0	AC0 - 40V	AC0-5V DC0-5V	DC0-5V	DC0-5V	DC0-5V	DC0-5V	
Input voltage for Signal 1	AC80-240V	AC10-24V DC10-24V	DC10-24V	DC10-24V	DC10-24V	DC10-24V	
Analog voltage	/	/	/	DC0-10V	DC0-10V	DC0-10V	
Input current for	< 0.1mA	< 0.2mA	< 0.4mA	< 0.4mA	< 0.4mA	< 0.4mA	
Signal 0 Input current for	0.5mA	1mA	1mA	1mA	1mA	1mA	
Signal 1 Output part	0.0111/1					1110 (
						T : ((D)	
Output type	Relay AC0-240V	Relay AC0-240V	Transistor (NPN)	Relay AC0-240V	Transistor (NPN)	Transistor (PNP	
Output voltage	DC0-30V	DC0 - 30V	DC0-80V	DC0-30V	DC0-80V	DC0-80V	
Output current	Resistance 10A Induction 2A	Resistance 10A Induction 2A	2A	Resistance 10A Induction 2A	2A	2A	
Switching frequency							
Machine		10Hz					
Resistor load/Lamp lo	bad	2Hz					
Inductive load		0.5Hz					
Environmental param	eter						
Working temperature		0 ~55					
Storage temperature		-40 ~70					
Transport temperatur	e	-40 ~70					
Protection grade		IP20					
Anti-interference EN55		EN55011(B class)					
Insulation strength		IEC1131					
		100h					
Real-time clock prec	eal-time clock precision Max ±5s/day						
Others							
Timer	127						
Counter		127					
Function block							
Real-time clock control intervals 127							
Program memory		64k					
Dimensions			ā) / 90 × 126 × 58(2	20占)(Linit: millimat	ter)		
Mounting method		Standard 35mm DIN rail installation and screw fixing					

Reliability...

More possibility



Switching power supply



Sensor



Text panel



O Communication cable



Water Pump

AF input

Programming method: FBD

Real-time clock control

Set different PLC addresses

through RS-485 bus to realize

network function, which breaks through the limitation of short

distance operation. And it is

able to realize date acquisition,

saving and computer monitor-

It can control PLC through

telephone keys, and has voice broadcasting function making

ing with SCADA software.

Telephone remote control

PLC become vivid.

function

• Timers: 127

Ocunters: 127

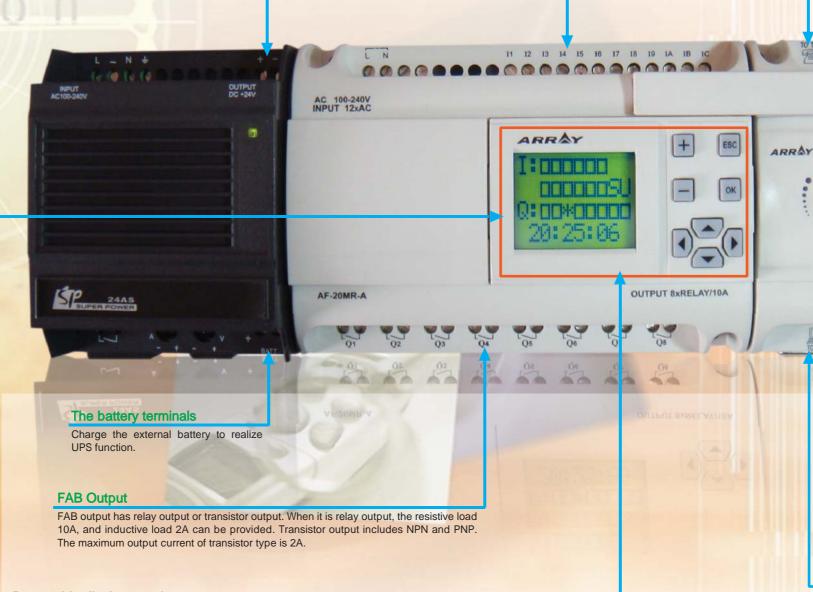
intervals: 127

Network function

Support digital input and analog input such as pressure, liquid level, temperature, humidity and flow etc. And the received analog signal is DC0-10V. The minimum accuracy: 0.1.

Switching power supply

It should provide 5V, 12V, 24V and 48V, and their power are 36W and 72W respectively. AF power supply have AC 100-240V, AC 14-20V and DC12-24V.



Removable display panel

This panel can be used for displaying the input/output status, as well as manual programming, modifying program parameters. It also can be connected to text panel to display the status and modify parameters more directly and clearly.

The socket of telephone crystal plug

Plug into telephone wire to realize the telephone remote control function.

Manual recording microphone

Speak into microphone to make sure the voice is recorded clearly.

MUL power

AF-MUL power has AC100-240V and DC12-24V. It has the same optimum power configuration as AF main machine.

Terminals for external speaker

AF-MUL-D

It can be connected to an external powered speaker to amplify the voice. The volume is not under the control of "volume switch 7".

Volume switch

VOL

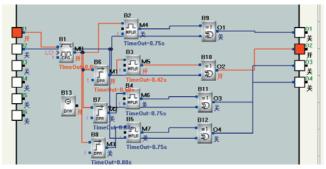
Adjusts the volume of AF - MUL speaker.

Communication port

It can be connected to PC to program and monitor etc.

Free Program and Installation...

Choose the flexible and efficient FBD language for programming. 127 function blocks can be processed at most.



Quick program and Safe enough!

* Simulation mode

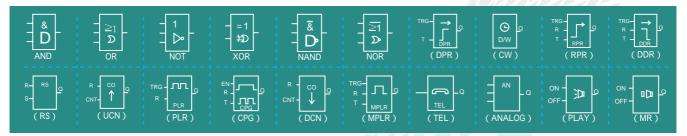
It supports off - line simulation, and corrects the program easily to meet your requirements, which avoids many possible inco - nvenience existed in on - line testing.

Monitor mode Check the input/output status during the running of your application program.

* Online help

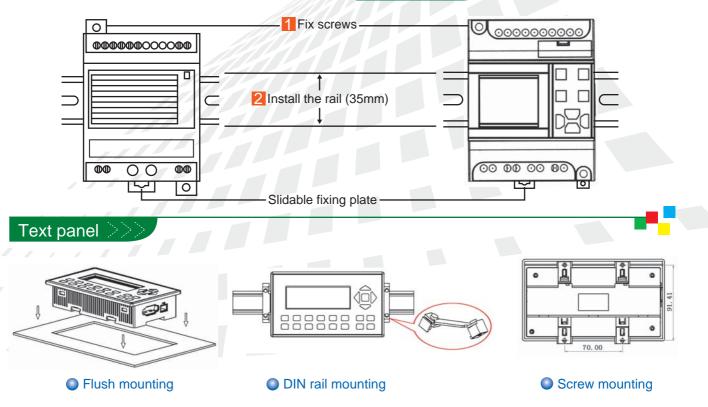
Please consult AF User`s Manual online.

20 Function blocks



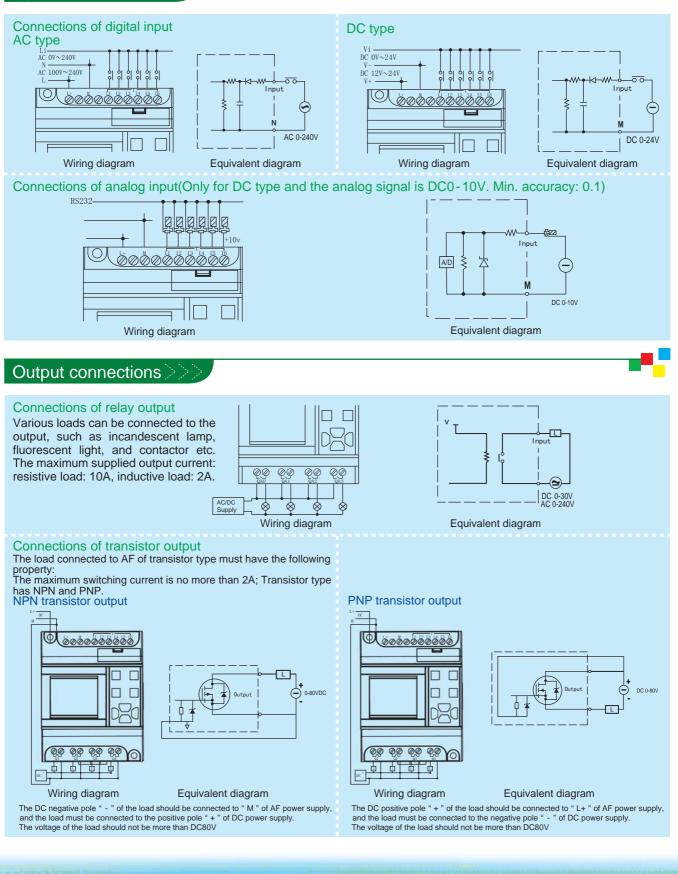


AF PLC >



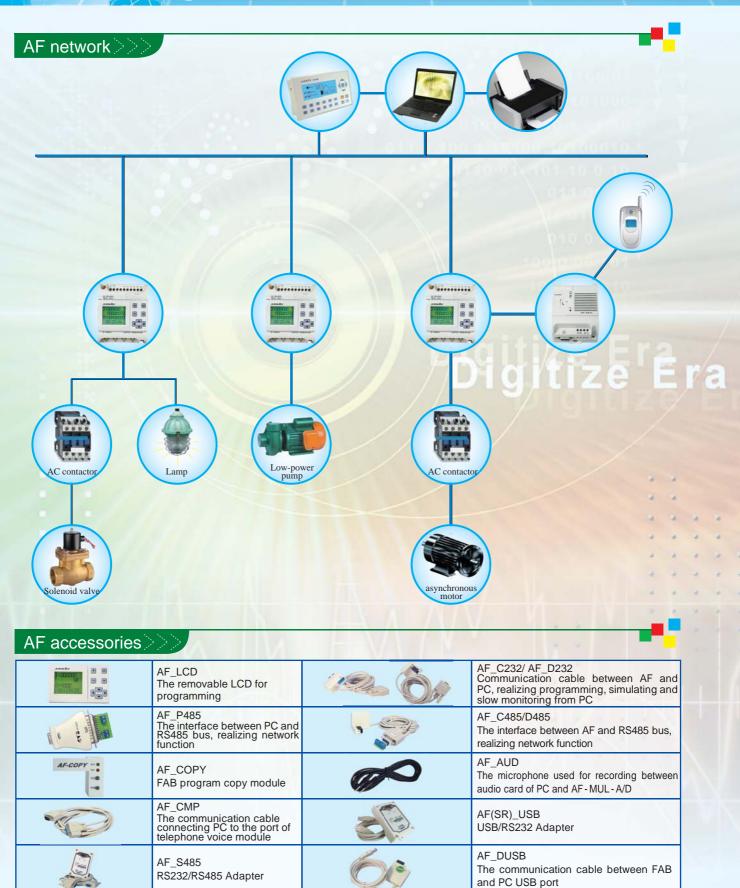
Hardware Connections...





Monitoring Your Installation...

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Optimized Solutions for Your Applications

AF Series PLC enjoys wide applications, which can be used in industrial and mining enterprises, and in civil appliance. Its main applications include machinery tool automation, injection machine, printing machinery, textile machinery, packing machinery, conveyer belt, environmental protection equipment, elevator, and various production lines etc.

> Intelligent Components For Your Applications

