

# PROGRAMMABLE LOGIC RELAY

## FAB GIANT



Phone remote control



Real time clock function



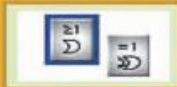
Voice warning



Networking & monitoring function

Ver: 4.0

Program through FAB



Download program remotely through MODEM



Removable LCD panel



Accept temperature & moisture analog input



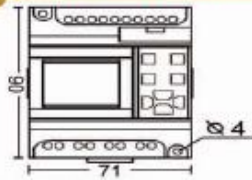
Networking



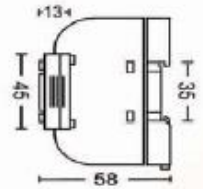
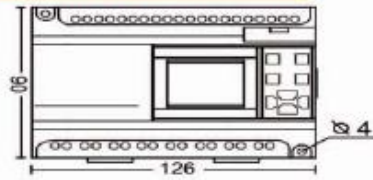
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## FAB GIANT suitable for 35mm DIN rail mounting

**AF-10 Series, FAB Installation Dimension(mm)**



**AF-20 Series, FAB Installation Dimension(mm)**



**Specification**

Item	Model	Power	Input	Output
1	AF-10MR-A	AC100V-240V	6 Point AC Input	4 Point Relay Output
2	AF-10MR-E	AC14-20V/DC12-24V	6 Point AC/ DC Input	4 Point Relay Output
3	AF-10MR-D	DC12V-24V	6 Point DC (analog) Input	4 Point Relay Output
4	AF-10MT-D	DC12V-24V	6 Point DC (analog) Input	4 Point Transistor Output(equivalent NPN)
5	AF-10MT-E	DC12V-24V	6 Point DC Input	4 Point Transistor Output(equivalent NPN)
6	AF-10MT-GD	DC12V-24V	6 Point DC (analog) Input	4 Point Transistor Output(equivalent PNP)
7	AF-20MR-A	AC100V-240V	12 Point AC Input	8 Point Relay Output
8	AF-20MR-E	AC14-20V/DC12-24V	12 Point AC/ DC Input	8 Point Relay Output
9	AF-20MR-D	DC12V-24V	12 Point DC (analog) Input	8 Point Relay Output
10	AF-20MT-D	DC12V-24V	12 Point DC (analog) Input	8 Point Transistor Output(equivalent NPN)
11	AF-20MT-E	DC12V-24V	12 Point DC Input	8 Point Transistor Output(equivalent NPN)
12	AF-20MT-GD	DC12V-24V	12 Point DC (analog) Input	8 Point Transistor Output(equivalent PNP)
13	AF-MUL	Phone voice block for recording & broadcasting (AC power)		
14	AF-MUL-D	Phone voice block for recording & broadcasting (DC power)		
15	AF-LCD-L	The removable LCD for programming(with the wide-range temperature type -20°C~70°C)		
16	AF-LCD-B	The removable LCD for programming(with the wide-range temperature type -20°C~70°C and backlight display)		
17	AF-CAP	A general cover for representing the LCD panel		
18	AF-C232	The cable connecting FAB and PC (profile plug type)		
19	AF-D232	The cable connecting FAB and PC (frontispiece plug type)		
20	AF-C485	The cable between FAB and RS485 bus, monitoring via net (profile plug type)		
21	AF-D485	The cable between FAB and RS485 bus, monitoring via net (frontispiece plug type)		
22	AF-P485	The interface between PC and RS485, monitoring via net		
23	AF-M232	The interface between AF-C232/AF-D232 and MODEM		
24	AF-COPY	Program copy module		
25	AF-CMP	The cable connect PC to the telephone module port " TO PC"		
26	AF(SR)-USB	USB/RS232 Converter (DIN installation)		
27	AF-DUSB	The cable between FAB and PC USB Port (frontispiece plug type)		
28	AF-S485	RS232/RS485 Converter (DIN installation)		
29	CD-ROM	FAB software QUICK II and SCADA		
30	AF-AUD	The recording line between the Voice Module and PC sound card		



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**127-set RTC control**  
Big capable 127-set of function-block programs, are specially designed for time control.

**Networking and monitoring**  
With the help of our FAB, analog inputs can be easily received. Either a long distance monitoring or status of RTC execution on PC or to edit, alter program and parameter setting by MODEM simply with special connector.

**Easy programming**

- You can program and modify directly on the LCD by pressing the button, so you needn't any other special tools and connection.
- Free software of programming and monitoring –QUICK II and FAB-scada.

**First separated panel with LCD display**  
One LCD display plate is able to match multi FAB units for cost saving.

**Telephone connectable and voice warning**  
Monitoring through telephone digit or MODEM by the pre-set programs to alter your required commands, even to program voice warning function available.



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## General Technical Characteristics

Certificate	CE
Programming Method	FBD
Program Size	127 Blocks
Program Memory	64K
LCD display	4 lines of characters
Counter	127
Timer	127
RTC	127
Storage temperature	-40°C~+70°C
Operating temperature	-20°C~+70°C

## Application Scope

Automatic door control  
 Dispose of sewage automation  
 Lighting automation  
 Street lamp automation control  
 Agriculture irrigation&lighting control  
 Home work  
 Tunnel automatic light adjustment control  
 Fountain control system  
 Neon streetlight control  
 Intelligent Residence control  
 Industrial automation  
 Factory school bell automation control  
 Machinery tool automation  
 Anti-burglary security system

## FAB PARTS

<b>AF-LCD-L/B</b>	LCD display panel	
<b>AF-CAP</b>	Common cover	
<b>AF-C232</b>	Cable between FAB and PC (profile plug type)	
<b>AF-D232</b>	Cable between FAB and PC (frontispiece plug type)	
<b>AF-C485</b>	Cable between FAB and RS485 bus (profile plug type)	
<b>AF-D485</b>	Cable between FAB and RS485 bus (frontispiece plug type)	
<b>AF-P485</b>	Interface between PC and RS485 bus	
<b>AF-MUL /AF-MUL-D</b>	Voice function module	
<b>AF-M232</b>	Interface between AF-C232/AF-D232 and MODEM	
<b>QUICKII/SCADA</b>	FAB programming and monitoring software	
<b>AF(SR)-USB</b>	USB/RS232 Converter (DIN installation)	
<b>AF-S485</b>	RS232/RS485 Converter (DIN installation)	
<b>AF-DUSB</b>	The cable between FAB and PC USB Port (frontispiece plug type)	

**BCH ELECTRIC LIMITED**

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