

3.4 FB-FP001

DESCRIPTION

The display card performs the function of interface between the unit and the operator. It is made up by a back-lit graphic display made up by 30 rows of 52 characters, 19 lights, 23 keys and a Buzzer.



CHARACTERISTICS

- Supply voltage: 22-29Vdc
- Absorption in idle status: 70mA
- Operating temperature: -10 / +50 °C
- Storage temperature: -30 / +80 °C
- Maximum humidity: 95% without condensate
- LCD resolution: 320 x 128 pixel
- Back-light: of led type

SIGNALS

14 lights are located on the front panel that performs the following functions:

1.1 Light	Mode	Condition
Alarm	∅	Not recognized alarm status
	⊗	Recognized alarm status
Common Fault	∅	General anomaly status
Sounders Fault	∅	Anomaly to alarm siren
PSU1 Fault	∅	Anomaly to primary power supply
PSU2 Fault	∅	Anomaly to secondary power supply
Earth Fault	∅	Dispersion towards the ground
System Fault	∅	System's anomaly
Test Zone	∅	Zone testing in progress
Common Disabled	⊗	General disabling status
Devices Disabled	⊗	Disabled sensor/actuator
Sounders Disabled	⊗	Disabled alarm siren
Output Delayed	⊗	Enabling of delay timing in progress
Power On	⊗	Presence of primary voltage

∅ = Flashing ⊗ = steady on;

5 lights are located at the back of the card that perform the following functions:

Light	Mode	Condition
LD15	-	Currently not used
LD16	-	Currently not used

Link CPU-A	∅	Communication link with current CPU-A
Link CPU-B	∅	Communication link with current CPU-B
Link FB-TB004.1	∅	Communication link with current FB-TB004.1

KEYS

Key	Meaning of Key	level	Description of function
	Acknowledgement of local sound signal	1-2-3	It disables the local buzzer
	Acknowledgement of system's sirens	2-3	It acknowledges the fire alarm sirens located in the system
	Resetting of unit	2-3	It resets the unit
	Evacuation command	2-3	It enables the fire alarm sirens located in the system
	Zeroing of delay times	1-2-3	it cancels the current timing on the outlets
	It cancels a selection	1-2-3	To cancel an operation or to go back to the previous page
	Enter key	1-2-3	It confirms a selection while browsing the menus of the operator's cycle
	Arrow keys to select direction inside menus	2-3	They allow to browse inside the menus of the operator's cycle
	Numeric keys 0-9	1-2-3	They are used to enter parameters and access passwords
	Scroll Key	1-2-3	It allows to visualize the complete list inside the menus of the operator's cycle
	Key F1	1-2-3	It allows to directly access the main page of the active access level

CONNECTIONS

BR1-BR2 +V/-V

These two Faston terminals are used to connect the supply voltage.

TAG	Function	Cable colour
BR1	Positive pole of 25Vdc power supply	Red
BR2	Negative pole of 25Vdc power supply	Black

J2

It is a connector for a 20-pole flat cable that allows connection with the FB-MBUS-1 Bus card.

J3

It is a 4-pole connector that feeds the display's back-illumination lights.

J5

It is a 10-pole connector which connects the membrane keyboard to the display.