METASYS®

Appendix M: IFC-200 Panel Components

IFC-200 Panel Components **Page 3**

- *IFC-200 Control Panel* **3*
- *IFC-200 Components* **4*

*Indicates those sections where changes have occurred since the last printing.

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IFC-200 Panel Components

The IFC-200 Fire Alarm Control Panel has a number of components that may need to be used during installation and use. Figure 1 shows an all-inclusive diagram of the IFC-200 control panel, specifying all the components of concern to the installer or operator. Table 1 gives more detail on the individual components.

IFC-200 Control Panel

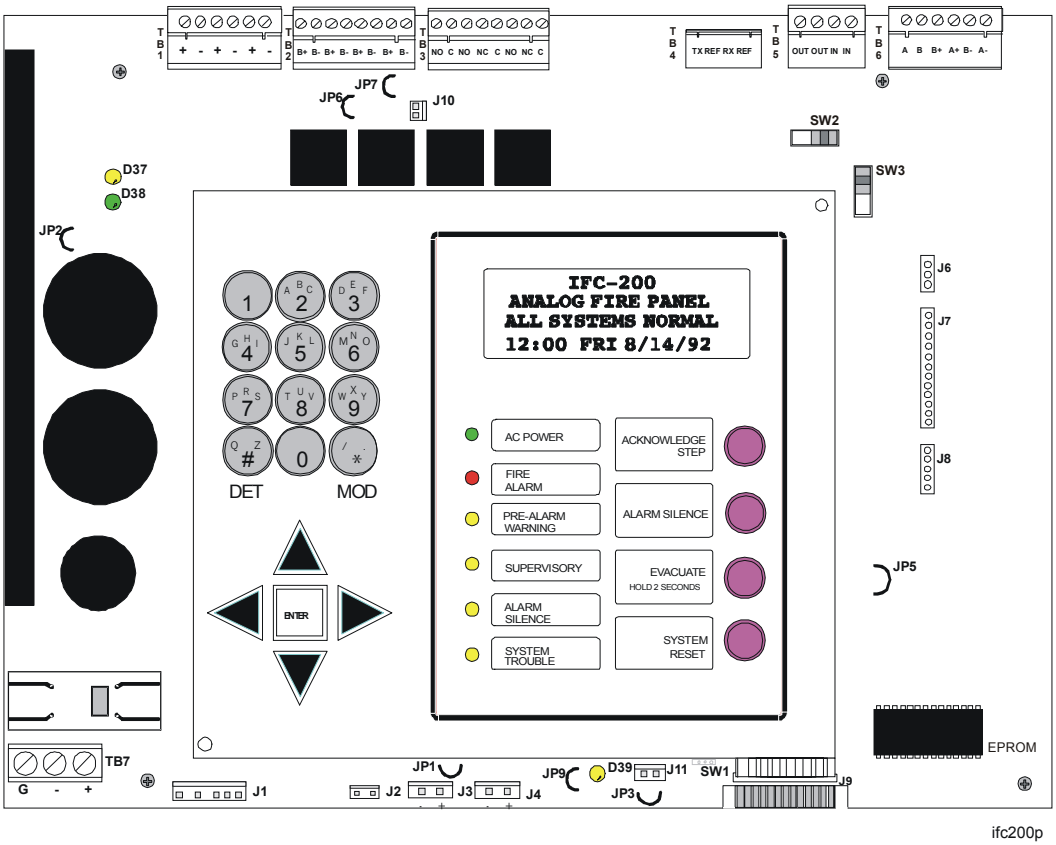
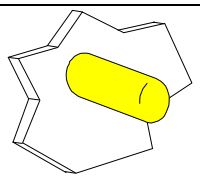
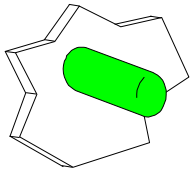
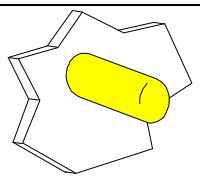
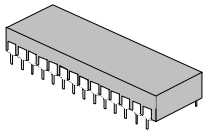
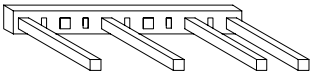
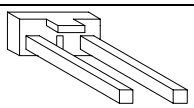
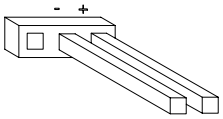
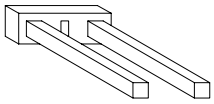
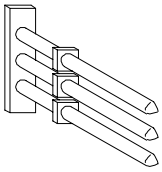


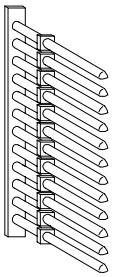
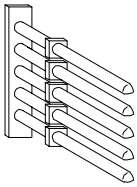
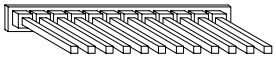
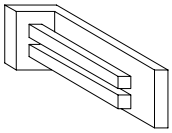
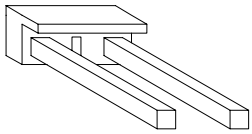
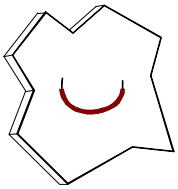
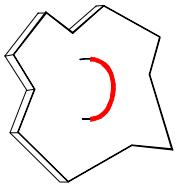
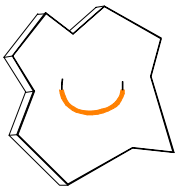
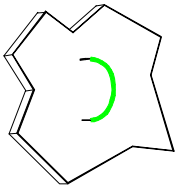
Figure 1: IFC-200 Fire Alarm Control Panel

IFC-200 Components

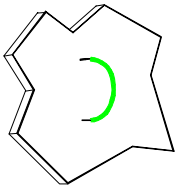
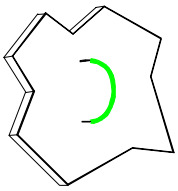
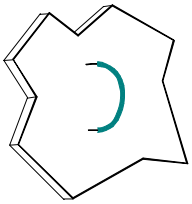
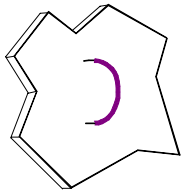
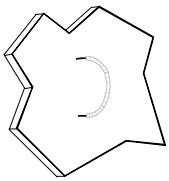
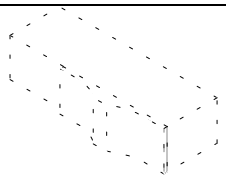
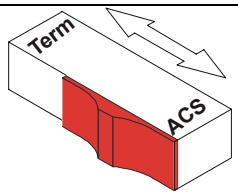
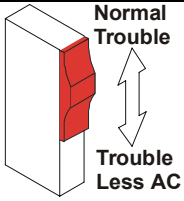
Table 1: IFC-200 Components

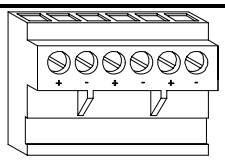
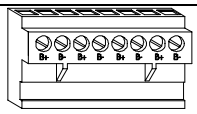
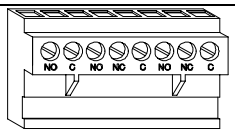
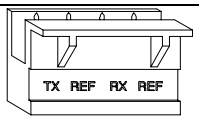
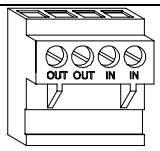
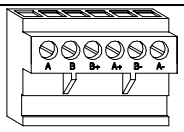
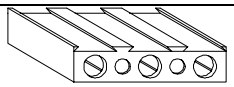
Item	Diagram	Description	Note
Circuit Breaker		Regulated Power Supply Circuit Breaker	
D37		Yellow Battery Fault LED (Light-Emitting Diode)	
D38		Green High Rate Charge LED	
D39		Yellow Ground Fault LED	
EPROM		PN (Part Number) 73441	
J1		5-pin Transformer Port	
J2		2-pin Voltmeter Port	
J3		2-pin Battery Port	
J4		2-pin Ammeter Port	
J5		16-pin IFC Panel Connection Port	
J6		3-pin Connection Port	

Continued on next page . . .

Item (Cont.)	Diagram	Description	Note
J7		12-pin Connection Port	
J8		5-pin Connection Port	
J9		13-pin IFC Panel Bus Port	
J10		2-pin External Power Connection Port	
J11		2-pin Connection Port	
JP1		Brown Jumper	Cut if using the 4XMM Meter.
JP2		Red Jumper	Cut if using the NR45-24 External Charger.
JP3		Orange Jumper	Cut if using the AVPS-24 or if security (burglary) supervision is needed.
JP4			Not used.
JP5		Green Jumper	Cut if using the 4XTM or RTM-8.

Continued on next page . . .

Item (Cont.)	Diagram	Description	Note
JP5		Green Jumper	Cut if using the 4XTM or RTM-8.
JP5		Green Jumper	Cut if using the 4XTM or RTM-8.
JP6		Blue Jumper	Cut if using the AVPS-24.
JP7		Purple Jumper	Cut if using the AVPS-24.
JP8			
JP9		White Jumper	
SW1		Write Inhibit Switch	Switch is removed.
SW2		EIA-485 Select Switch	For EIA-485 Communications Port on TB5
SW3		AC Delay Reporting Switch	For Remote Trouble
Continued on next page . . .			

Item (Cont.)	Diagram	Description	Note
TB1		Six Terminal DC Power Connection Panel	
TB2		Eight Terminal NAC Connection Panel	
TB3		Eight Terminal Relay Connection Panel	
TB4		Four Terminal EIA-232 Connection Panel	
TB5		Four Terminal EIA-485 Connection Panel	
TB6		Six Terminal SLC Connection Panel	
TB7		Three Terminal AC Power Connection Panel	

Notes

JOHNSON CONTROLS

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