INFORMATION PANEL BV-210

Autroprime Interactive Fire Detection System Product Datasheet

Features

- User-friendly display and operator controls
- Back-lit operational keys. Text display suitable for night-time operation
- Surface mounting
- Designed to meet EN 54 requirements and conforms to CE standards
- Complies with environmental conditions of IEC-721-3-3 class 3k5



From the Information Panel BV-210 all alarm handling and system events can be monitored. The most significant events/conditions are shown in the display.

The BV-210 communicates with the Fire Alarm Control Panel BS-200, Repeater Panels BS-211, Fire Brigade panels, other Information Panels BV-210 and Mimic Driver BUR-200 on an RS-485 Panel Bus.

Indicators

- 8 x 40 character alphanumeric display
- Alarm, More Alarms, Pre-Alarm, Remote Call, Remote Call Response, Fault, Disabled Function, Supervisory Condition, Test Condition, System Fault, Power
- Internal buzzer

Operator Controls

More Events, Mute Panel



Capacity

 A maximum of 8 additional panels (including Repeater Panels/Information Panels/Fire Brigade panels) can be connected to the Fire Alarm Control Panel via the RS-485 Panel Bus. One of them can be a Mimic Driver BUR-200.

Panel Bus Connection (connector J13 and J14)

	J14				J13								
+24V in1	0V in1	+24V in2	0V in2	A1	B 1	GND	+24V in1	0V in1	+24V in2	0V in2	A2	B2	GND
	Panel Bus In			Panel Bus Out									

Addressing the Panel

The rotary switch on the rear side of the panel (on the left side of the connector J13 and J14) is used to address the panel (1-9).



Technical specifications			
Dimensions (mm)	HxWxD 154 x 310 x 45		
Weight	0,7 kg		
Materials	ABS/PC moulded front		
Mounting	Surface or rack mounting		
Protection class	IEC-529 / IP32		
Operating temperature	- 15 °C to + 70 °C		
Storage temperature	-40 °C to + 70 °C		
Humidity non- condensing	Maximum 95% RH		
Current consumption	20 mA at 27 VDC, 300 mA at lamp test (start-up)		
Power supply	18-30 VDC		
Communication	RS-485 Panel Bus (redundant power bus)		

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Part number	Description		
116-BV-210	Information Panel BV-210		
116-UD-731	Wall mount bracket		

Panels interconnected on the

RS-485 Panel Bus

