

NOVA Series Intelligent Addressable Fire Detection and Control Panels - Large Case Nova-AFCP-B

Eleks Nova-AFCP-B Intelligent Addressable Fire Detection and Control Panels increasing up to 6 Loops support up to 1,440 devices. Panel allows the user to see the warnings such as fire / fault; It provides clear and readable text with 4 lines, 40 characters in backlit LCD display. There are 24 built-in zone indicators. Up to 64, additional programmable LED display and Thermal Internal Printer can be optionally added to the Nova-AFCP-B model. Nova-AFCP-B model has 4 conventional monitoring sounder outputs. USB for computer connection and RS485 / 232 outputs area available as serial port. 1 programmable I / O is available. User Friendly Management Keys and Easy Menu in Turkish. Easy to install and make changes with the configuration software. Ability to display any warning from devices on the panel as desired, with action modes. In factory settings, the basic scenario is assigned as ZONE1 for all inputs and output group for audio and visual devices as 1. When no change is made, if the alarm comes from ZONE1, all audio and visual devices will be active. Loop Distance with 1.5 'cable reaches to 3 Km with 240 devices. (Varies with cable impedance.) Network capability of up to 96 panels. Possibility to make 255 input zones, 96 output groups and ability to create 100 scenarios. 6 language options (English, French, German, Italian, Spanish).

Certified with EN54-2 and EN54-4 Standards.



SPECIFICATIONS

- * Complies with Nova Protocol.
- * Basic PC monitoring software feature.
- * Can be increased from 1 to 6 loops
- * Each Loop supports 240 Devices *
- * 1 Fire Relay, 1 Fault Relay and 1 Programmable I / O are available.
- * Event memory up to 30,000 (10,000 Alarm, 10,000 Fault, 10,000 Status).
- * 4 Lines, 40 Character Backlit LCD Display.
- * 24 pcs of Zone Display Panel.
- * Up to 64, Optional Programmable LED Display.
- * Optionally Thermal Internal Printer can be added.
- * Full Configuration Adjustment over the Panel.
- * Zone / Group, Input and Output Programming + Disabling Feature. Separate Delay Assignment to Outputs is available.
- * With 1,5' Cable Loop Distance can be reached to 3 Km with 240 ** devices.
- * Used with 2 pieces 12V 7Ah - 9Ah - 12Ah - 18Ah Battery (Changes According to the Loop Number - Batteries are sold separately from our panels).
- * 255 zones, 100 scenarios and 96 output group features (Detectors can also be assigned to the output group. 8 output groups can be assigned in each scenario).
- * Loop Card with Isolator.
- * Night / Day Mode feature.
- * Test menu, easy setup, automatic Loop and automatic scanning of connected devices, default configuration feature.
- * Real time Clock / Date.
- * 4 conventional monitored sounder outputs.
- * Network possibility with 96 Panel RS 485 or TCP-IP cards.
- * Loop Cards have internal Isolator.
- * Loop line adaptive loop current regulator is available for long distance.
- * *Optical Smoke Detector. **According to cable feature.*

Nova-AFCP-B



TECHNICAL SPECIFICATIONS

Description / Type	Intelligent Addressable Fire Detection and Control Panel
Main Supply Input	90-132 VAC/180-264 VAC 47~ 63 Hz
Main Supply Output	27 VDC \pm 0,5VDC
Supply Current	13A @ 27VDC 350,4W
Internal Battery Capacity (25°C)	2 x 12VDC @ 7Ah veya 2 x 12VDC @ 18Ah
Low Battery Voltage Fault	20 VDC
Battery Shutdown Voltage	<20V DC
Current Drawn From Battery (Max.)	4A @ 26.5V
Loop capacity	Max 6 Loop
Loop output	24 vdc 500 mA
Sounder 1, 2, 3 and 4 (Output)	2 x 27VDC @500 mA
Sounder End of Line Resistance	6K8 \pm 5% ¼W resistance
Programmable I/O	1 pc
Programmable I / O (Output)	27 VDC @ 2A No/Nc - Dry Contact
Alarm Relay	27 VDC @ 2A No/Nc - Dry Contact - Normally not energized
Fault Relay	27 VDC @ 2A No/Nc - Dry Contact - Normally energized
Aux.(Backup supply 24 VDC)	27 VDC \pm 2 VDC @ 500 mA
Operating temperature	(-10 °C) ~(+55 °C)
Relative humidity (Max.)	95% RH Non-condensing
Protection Class	IP 30
Enclosure Material	DKP Metal Body
Mounting Type	Surface
Standard	EN 54-2,EN 54-4
LCD features	4x40
Dimensions	500x450x154mm- Metal Body
Weight	10 kg. (Without battery)
Warning Lights	System Fault, Power Failure, Battery Failure, 24V Fault, Delay Active, Fire, Fault, Disabled, Test, System Enable, Sounder Active, Network, Zone 24 Indicator
Keyboard	Reset, Buzzer Silence, Lamp Test, Sounder Activate / Silence, Up, Down, Forward and Back direction keys, Alphanumeric keys