



NEXGEN NEON

Conventional Fire Alarm Panel

2, 4 & 8 zones

EC Certificate Number
0040/101/1/2018

CPR Certificate Number
1293-CPR-004

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2, 4 & 8 zones



General Specifications

- Conventional Fire alarm panel
- 2, 4 or 8 zones
- Active End of Line monitored zones
- 4 monitored Siren/Relay outputs (EN54-2 par.7.8 certified)
- Constant or ANSI sound output patterns
- Universal Access Level 2 key (key code access as well)
- Alarm verification with pre-alarm output. Configurable for each zone. 7 delay values (EN54-2 par.7.12 certified)
- Day/Night operation (with external timer)
- Output delays (7 values) (EN54-2 par.7.11 certified)
- Cross zone (dual zone) alarms. Configurable on each zone pair (4 pairs on 8 zone model)
- 24 V DC Auxiliary output
- 24 V DC output, interruptible during reset (eg. for gas detector reset)
- Remote reset input
- Bell (class change) input
- Walk test (individual zone capable) (EN54-2 par.10 certified)
- Repeater expansion port (connection to optional RS485 expansion module)
Optional repeater with LCD display (menu driven, zone descriptions, etc)
- TCP/IP module expansion port
- Optional TCP/IP module for connectivity to SmartView software
- Alarm and Fault/Disablement indicators for each zone

Technical Specifications

	NEON 2	NEON 4	NEON 8
Number of zones:	2	4	8
Maximum number of detectors per zone:		20	
Notification appliances outputs (e.g. sirens):	2	4	4
Power Supply:	Switching Power Supply Unit 26,5 VDC 2,5A		
Notification appliances current:	4 x 400mA (total maximum current 1Amp)		
Mains Power:	230 V AC / 50Hz		
Zones input voltage (with EOL & AEOL):	16 to 21 V		
Maximum input power:	100 VA max input power (0.5 Amp)		
Battery placement:	2 x 12V 7Ah VRLA batteries will fit in the panel		
Standby Power:	5 VA (25 mA)		
Auxiliary power outputs:	24V DC 1Amp total ('AUX' + 'AUX R')		
Zone termination:	4,7 KOhm 5% 1/2W resistors or 22uF / 25V electrolytic capacitors		
Monitored output termination:	4,7 KOhm resistors 5% 1/2W		
Fire relay output:	Dry contacts NO or NC selectable. 50 V / 1.5 A max (DC or AC)		
Fault relay output:	Dry contacts NO or NC selectable. 50 V / 1.5 A max (DC or AC)		
Environmental:	Temperature: -2 to 45 °C (32 to 120 °F) Humidity: 5 to 95% RH, non condensing		
Material:	Plastic		
Panel's dimensions (HxWxD) [mm]:	315 x 425 x 105 mm In semi flash wall mounting extruding depth: 25mm		
Weight (without the batteries):	2.800gr		