



MATRIX2000

Conventional Fire Alarm Panels,
4 to 24 zones

EC Certificate Number
00021/101/1/2017

CPR Certificate Number
1293-CPD-0185

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Conventional Fire Alarm Panels, 4 to 24 zones



General Specifications

- Advanced analog fire alarm control panel for small or medium installations.
- Number of zones: 4, 8, 12, 16, 20 or 24. Maximum number of detectors per zone 20.
- Two wire zone circuits (Class B, Style C).
- Outputs expandability up to 24 relays zone outputs.
- Zones Bypass (zone disablements) keys.
- Silicon rubber keypad for Operation and Programming.
- Keyswitch to access Level 2 and Evacuation procedure.
- Zone status indication: Alarm, Fault, Bypassed.
- General LED indications: Power, Alarm, Fault, Silence, AUX Fault, Siren Fault, Relays Outputs Fault (in case of using the relays expansion board).
- Earth Fault indication.
- IntelliZone (Alarm Verification) feature. Similar to Day Night mode.
- CrossZone feature (up to 4 crosszone pairs). Only for the mainboard's zones.
- WalkTest installation testing feature.
- Weekly reminder for system test.
- Metal case with keylock.
- Remote connectivity through serial and ethernet expansion boards (optional extras).
- Supervision, monitoring and operation through the SmartView software.
- Certified to directive CDP 89/106/EEC and EN 54-2: 1997/A1: 2006/AC: 1999, EN 54-4: 1997/A2: 2006/AC: 1999. Certified to LVD Directive 2006/95/EC and EMC Directive 2004/108/EC.

Technical Specifications

Mains Power:	220V AC 50Hz or 110V AC 60Hz
Accessories operational voltage:	24V DC
Backup power:	2x 12V / 7Ah sealed lead acid gel batteries
Battery health monitoring (periodic load test):	Every 90 seconds
Earth faults detection and indication:	Front panel LED & buzzer
Zone termination resistors:	4,7K Ohms / 0.5W
Relay outputs termination resistors:	4,7K Ohms / 0.5W
Supervised siren output:	24VDC / 1A output
Supervised, fused relay outputs on the relay expansion modules:	1.5A fuse
Panel's current consumption at 24VDC (standby):	4 zones: 55mA 8 zones: 70mA 12 zones: 95mA 16 zones: 110mA 20 zones: 135mA 24 zones: 150mA
Panel's dimensions (HxWxD) [mm]:	4 - 8 zones: 310 x 450 x 90 12 - 16 zones: 480 x 450 x 90 20 - 24 zones: 650 x 450 x 90
Generic trouble output (on main unit) non monitored:	Dry relay contacts NO - C - NC.
Temperature:	-2°C to 45°C (32°F to 120°F)
Humidity:	5% to 95% RH, noncondensing