

Specifications

Size	483 x 133 x 294 mm (19.0 x 5.25 x 11.5 ins)
Weight	9.5 kg (21 lbs)
Enclosure material	Aluminium alloy
Mounting	Rack mounted (3u format). Wall mounted and floor standing cabinets are optional, dimensions on request.
Channels	16 per rack
Operating temperature	0°C to +50°C (32°F to +122°F)
Humidity	0-95% non-condensing
Inputs	Gas 2 or 3 wire 4-20mA (sink or source), or mV bridge
	Fire – smoke & heat detectors, manual call-points Maximum of 32 loops per rack (ie 16 twin zone fire modules)
Outputs	Analogue 16 x 4-20mA, max. load 960 Ohms or 1-5 V, min. load 100 Ohms
	External audible/visual alarm drive Powered 24 V dc, max load up to 200mA for each alarm level.
Relays	Type Up to 84 DPCO contacts rated 5 A @ 250 V ac, non-inductive load
	Assignment – Common Alarm 1, Alarm 2, Alarm 3, Fault – Per channel Gas alarms 1, 2 & 3, fire & fault – Voting Up to 16, configurable – Relay modes Energised/de-energised, latched/non-latched, time-delayed, pulsed
Digital communications	With PanelsPro or SetGMon only

Event logging	Built-in datalogger – data available via communication links with PanelsPro or SetGMon only
Panel indication	Channel number: 4 lines x 20 characters Gas reading: On main LCD plus green LED bar-graph on channel card Measurement units: % LEL, ppm, % Vol, Fire System fault – integrity watchdog: Yellow LED
Alarm indication	As standard: 3 individual & 3 common alarms (red LED); Fault – individual & common fault (yellow LED); Inhibit – individual inhibit (yellow LED)
Power	AC mains: 100 – 260 V ac 50/60 Hz external DC: 27.6 V Battery back-up: external
Approvals	Low voltage directive – EN61010-1 EMC Directive – EN 50082-1 EMC Directive – EN 50081-1EN 50270, EN61000-6-4ATEX: Conforms to EN60079-25 in configuration with Zener Barrier Baseefa 05Y0090/1