



- Delivered with one or three loops
- Expandable to up to 96 loops with distributed intelligence
- 125 device addresses per loop
- Up to 96 loop powered sounders per loop
- 2 fire output changeover relays
- 2 monitored sounder outputs
- Repeaters with optional integrated sub-panels
- Sub-panels can be delivered as a "black box"
- 384 programmable zones
- 512 fully programmable sounder and I/O groups
- FIFO log with 2000 entries
- Backlit LCD display with 4x40 characters
- Programming from the alarm panel, IR remote control or PC
- Free Windows based configuration software
- Windows based graphics package (option ODYSSEY)

Approvals / certification numbers

CPD

1328-CPD-0182

FG

BRANN S-119/07 (MAGNUM 25-1)
BRANN S-120/07 (MAGNUM 25-3)

MAGNUM 25 is a powerful analogue addressable fire alarm panel with networking possibilities. A high level of redundancy and backup solutions makes MAGNUM 25 well suited to control the most complex installations.

MAGNUM 25 is delivered as a stand alone alarm panel with up to 3 loops in 1 cabinet, expandable to up to 96 loops via a network of sub-panels, deliverable as "black boxes" or combined with repeaters in order to enable viewing and control from several places. Networking is done via monitored redundant RS422/485, fibre optic loop or TCP/IP network. Flexible "cause and effect" configuration of I/O devices and alarm transmitters enable detailed customization of the system to the customer's needs.

Automatic device recognition upon start-up reduces the time needed for commissioning. MAGNUM 25 detects and recognizes addressed and connected devices, and the system is fully functional in less than two minutes. A standard configuration ensures that the system is ready to detect fire and faults from the moment the power supply is connected. Further customization of the system can be done via the on the alarm panel, IR remote control, PS/2 keyboard or from a laptop with separate software.

Specifications

Operating voltage	196-253 VAC, 50/60 Hz
PSU rating	65 W
Quiescent current	130 mA with no devices connected
Battery capacity	2 x 12 V, 7-12 Ah
Loop capacity	125 addresses, max. load 275 mA
Loop cable	1 Km 1,5mm ² , max. 120 pF/m
Sounder outputs	2 x 24 V monitored, max. 500 mA
Relay output (potential free)	2x fire, 1x fault, rating 1A @ 50VDC
Auxiliary voltage output	600 mA @ 24 VDC
Ingress protection	IP21
Operational temperature	0 °C to +40 °C
Relative humidity	0-95 % (non-condensing)
Dimensions (WxHxD)	340 x 370 x 129 mm
Recessed mount dim.(WxHxD)	340 x 370 x 90 mm
Weight	5,1 kg w/o batt; 10,5 kg w/ 2 x 7 Ah

Ordering information

MAGNUM 25-1 [language]	Analogue addressable fire alarm panel, 1 loop
MAGNUM 25-3 [language]	Analogue addressable fire alarm panel, 3 loops

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