FMS-A

- Complete control cabinet for fire dampers
- Monitoring up to nine fire dampers
- Timer for programming of exercising

APPLICATION

FMS-A is an analog control and monitoring unit for fire dampers. There are three variants of FMS-A. FMS-A I is suitable when connecting up to 9 fire dampers, FMS-A II for up to 18 fire dampers, and FMS-A III for up to 27 fire dampers. The control cabinet is suitable for small and medium-sized facilities where bus connections are not necessary. The FMS-A cabinets are equipped with relays for fan start/stop, as well as connection to alarm and SD-systems.

Design
FMS-A I consists of a distribution cabined manufactured in self-extinguishing ABS-plastic (650º) and IP65 protection which contains trafo 230/24-20 VA, 6A automatic grounding, Belimo BKS24-9A , timer type Müller SC 28.11 pro 4, RMI A relay and Wago terminal blocks for connection.

FMS-A II/III consists of a distribution cabined manufactured in galvanized steel. The cabinet contains a230/24-20 VA, trafo, 6A automatic grounding, Belimo BKS24-9A (2x for FMS-A II, 3x for FMS-A III) , timer type Müller SC 28.11 pro 4, RMI A relay and Wago terminal blocks for connection

DESCRIPTION

Material and surface coating

- FMS-A I is manufactured in ABS-plastic.
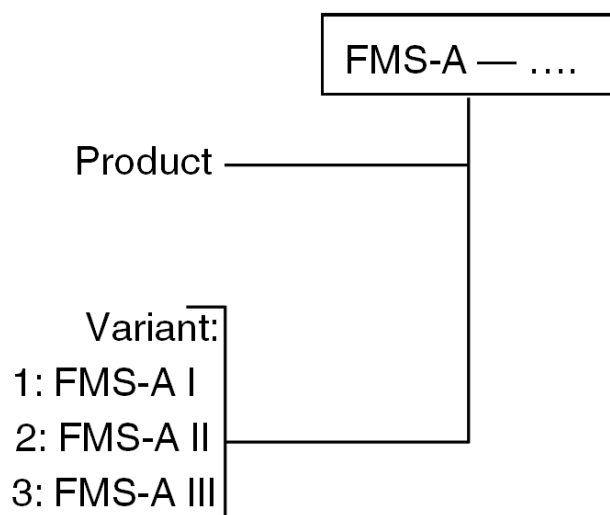- FMS-A II/III is manufactured in galvanised steel.

INSTALLATION

Mechanical installation
FMS-A attaches directly to the wall with four screws, c/c 230 mm x 280 mm (W X H)

TECHNICAL INFORMATION

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                        │  FMS-A — ….      │
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        Product ──────────────────┘

        Variant:
        1: FMS-A I
        2: FMS-A II
        3: FMS-A III
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FMS-a has input for nine fire dampers. It communicates with the dampers via a BKN230-24, transformer and communication device, as is mounted on each fire damper. There are quick connections on the damper motor for connecting to BKN230-24. Between FMS-A and the BKN230-24 a twin conductor is used for the communication. See wiring diagram, figure 1. FMS-A monitors and controls the fire dampers, and performs exercise to desired intervals, with BKS24-9A and a programable timer. Data sheet with programming instructions is available on our website: www.trox.no