



COMPACT

PLUG-IN

FACILITATE

The KOMES Monitoring and Switching Bus System

• Components supplied ready to plug in



Air outlets
Air-water systems
Ventilation grille

Fire protection

Noise absorption

Master control system

Living room ventilation
Shut-off devices

Regulation equipment

Filter diffusers

Laboratory ventilation systems



The universally compatible stand-alone system for fire and smoke dampers

KOMES 19" – the latest generation

19" rack technology now makes it possible to integrate the KOMES control cabinet components into a network cabinet. Screen Refresh guarantees quick display of error warnings with report and printout.

The following installations can be integrated into the KOMES system irrespective of type and manufacturer:

- fire dampers
- louvre slats
- windows
- fire doors (via KESS)
- smoke detectors (via SMB-RSA or KESS)
- ventilation fans
- acoustic and optical alarm systems
- smoke extraction flaps



The KOMES control cabinet

Stand-alone-System

KOMES is generally used as a stand-alone system. But modules can be added to enable its integration into master control (GLT) systems.

It is a universally compatible system that can integrate the limit switches of virtually all control systems for equipment manufactured by any manufacturer (Type Belimo ELD) operating with 24 V DC current.



The KOMES Obermaster

The low-cost bus system

The immense cost benefit offered by the KOMES bus system is easy to demonstrate.

The following table shows a cost comparison of conventional systems with the KOMES bus system for connection to the signal terminal for final status of fire dampers.

System	Cost of purchase and connection to 120 fire dampers
KOMES with Hall limit switches	17.514,- EUR
Conventional system	42.357,- EUR

Difference (EUR)	KOMES yields a cost saving of € -24,843.-
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Cost benefit offered by KOMES bus system

KOMES is a communicative bus system which displays and records status of limit switches and monitors and performs switching functions in control systems. Data is transferred over the signal exchange line. The system can issue either individual, group or central commands.