



The UniVario KMX5000 RK Relay Module

Fire Protection Systems

MINIMAX

➤ Product ➤ Application +Advantages

➤ The UniVario KMX 5000 RK Relay Module is a communication module for the operation of UniVario detectors independent of fire detection systems.

➤ One potential-free contact each for fault messages and fire alarm.

➤ Integration in all UniVario detectors.

➤ Typical areas of application:

- stand-alone operation
- hazard alert systems
- fire detection systems
- use in combination with building management systems
- integration in machine tool controls
- processing industry
- wind energy plant

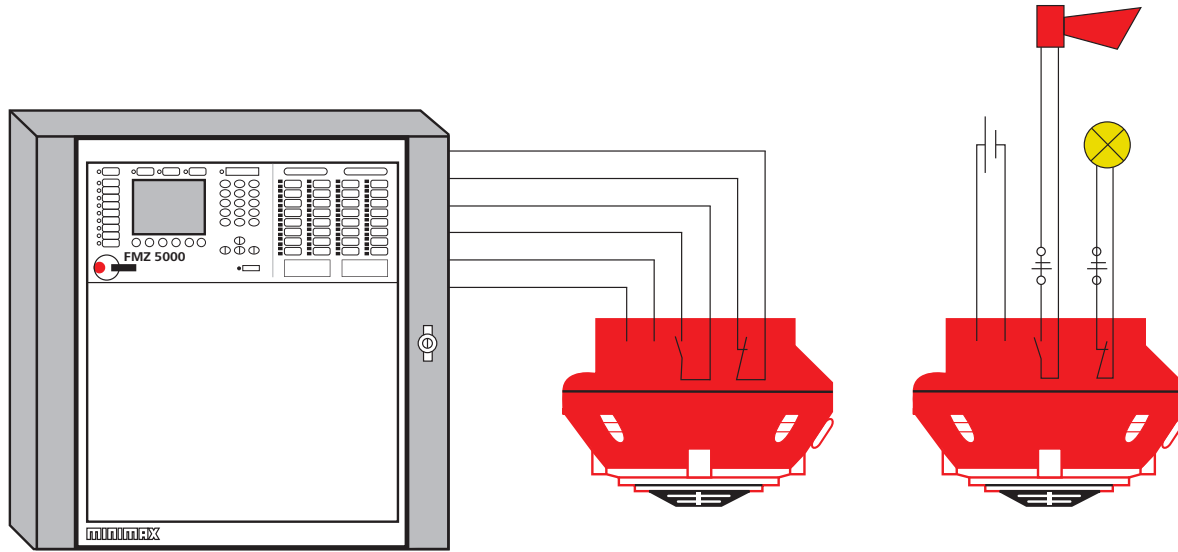
+ Directly integrated into the detector base without need for any separate cabling.

+ Retrofitting possible at any time.

+ Large supply voltage range.

+ Large conductor sizes.

Application with Relay Module



Relay Module KMX5000 RK

Communication module for the operation of UniVario detectors either in fire detection systems or independent of them.

Potential-free contacts for alarm and fault signals allow installation either as a stand-alone detector, within fire detection systems/hazard alert systems or as part of building management systems.

The KMX5000 RK communication module is made to fit into the base of the UniVario MX5000 detector.

Product Features

- Potential-free change-over contacts for alarm and fault signalling
- Integration into the base of the UniVario detectors

Materials Provided

KMX5000 RK relay module
Short-circuiting bridge
Fastening material

Connection/Installation

Cross-section of connecting cable
min. 0.5 mm²
max. 2.5 mm²

Technical data

Connection	6-pole flex conductor
Operating Voltage	24 V (14 V – 29 V) DC
Operating current only KMX5000 RK (without detector current):	
normal operation, fault relay on	approx. 20 mA at 24 V
alarm and fault relay on	approx. 30 mA at 24 V
alarm and fault relay off	approx. 7 mA at 24 V
V oltagte load contacts	max. 60 V DC, 25 V AC
Current load contacts	max. 1 A
Operating temperature	-4 °F to 176 °F (–20 °C to +80 °C)
Relative humidity (IEC721-3-3)	5 to 85 % – no condensation
Specification to	EN 54 part 18
Weight	1.76 oz. (50 g)
Dimensions in Inches	2.52 x 0.94 x 2.24 (L x W x H)

Subject to technical modifications

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