

Spark Alarm Units



Spark alarm unit BM 6

Microprocessor-controlled spark alarm unit for 2 to max. 36 monitored areas. Modular structure in different versions: **BM 6-2**: Equipped for 2 lines, **BM 6-4**: Equipped for 4 lines, **BM 6-16** and **BM 6-36**: Basic version equipped for 4 lines, by additional components a later extension up to 16 or 36 lines is possible. 4 languages installed, maybe switched at any time. The report memory can store up to 2,500 events. All messages are shown as plain text on a LCD-display. The unit records and displays the number of sparks detected, the extinguishing times and whether any machinery has been switched off. Events can be transmitted and data exchanged with other systems via optional OPC- or USB-interface.

Up to 4 spark detectors can be connected to each line, with built-in individual evaluation device.

Built-in automatic self-monitoring of all spark detection and extinguishing areas. Test procedures are also monitored and any faults displayed immediately (automatic extinguishing water monitoring). If a line is switched off, this is displayed visually and reported.

Easy handling for system operators. The LCD plain text display shows, which buttons have to be pressed during operation. All relay outputs (Fire 1+2, secondary detection, failures etc.) are fully programmable. For each range there are two floating 230 V/1 A outputs. Extinguishing times and spark thresholds are pre-programmed during commissioning of the system.

Visual display for possible extinguishing water heating.

Built in emergency power supply for maximum 4 hours operation.

Case protection class: IP 55

Service-friendly overall design due to plug-in components and assemblies.

Remote control function gives access to the Spark Detection Unit via Internet.

In case of a disturbance a T&B service technician may help online, if a modem is installed.