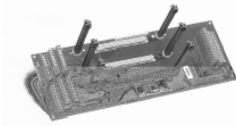
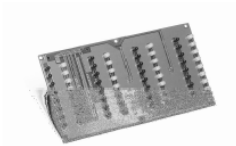


Order-No. EM21**Extension module for loop cards or conventional cards**

- For MCU316
- available as add-on with 2 slots to include max. 2 additional detector boards with 16 detector zones, as well as one slot for a peripheral module

Order-No. LM32**Module with 32 zone LEDs**

- For MCU316 as extension or for completion of ABF with LED-display
- 32 programmable zone LEDs per control panel to display the states alarm, fault and switch off
- control via a central data processing unit, completely mounted behind the central door, wired via flat cable

Conventional fire control panel

Order-No. FFP 612**Conventional fire panel**

- Fire detection control panel from 4 to 12 conventional lines/zones
- detectors series 630
- 1 Extinguishing zone optional
- Compact housing
- max.32 conventional detectors each zone
- Incl. 1 monitored output for sounder / flash lights
- 1 potential free contact for alarm and 1 for fault
- LEDs for operation alarm and malfunction
- Emergency power supply 2x 12V / 7,2Ah available
- Technical specification:
 - Mains voltage: 230 Vac, 50/60 Hz
 - Operating voltage: 27 Vdc
 - Operating temperature: 0 to +50°C
 - Protection: IP31
 - Dimensions (H x W x D): 370 x 300 x 118 mm
 - Housing: dark grey
 - Weight: 2 kg w/o batteries

Order-No. FFP-4ZE**4 zones expansion card**

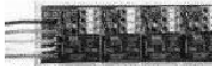
- Fire detection expansion card with 4 conventional lines/zones
- detectors series 630
- max. 2 cards per FFP 612 panel
- max.32 conventional detectors each zone
- LEDs for operation alarm and malfunction

Order-No. FFP-EXTE**1 extinguishing zone card**

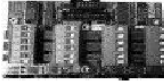
- 1 Extinguishing zone card.
- Extinguishing actuators line (solenoid o pyroelectric), 24Vdc/1,2A
- Indicators/sounders line, 24Vdc/1A
- Manual extinguishing line
- Inhibition line
- Pressure contact line
- Internal / External power supply
- Pressure contact line

Order-No. FFP-4R**4 relay output module**

- 4 relays, free voltage contacts 30V/0,3A

**Order-No. FFP-12R****12 relay output module**

- 12 relays, free voltage contacts 30V/1A
- connection to FFP 612 through flat cable

**Order-No. BMZ 6****Conventional fire panel 6 Zones**

- 6 quiescent current monitored detector zones
- maximum 30 automatic detector each zone
- 6 relay outputs for alarm and fault
- 2 monitored outputs for signalling devices 300 mA
- Space for battery 2 x 12Vdc / 7Ah
- Technical specification:

Mains voltage: 230 Vac, 50/60 Hz

Operating voltage 24 Vdc

Standby battery 2 x 12 Vdc / 7,5 Ah

Quiescent current 190 mA

Display LED Indications

Zone LEDs for 6 zones

Sounder Output 1 relay per zone

Operating temperature: -5° to +40°C

Housing colour grey

Material ABS

Dimensions (H x W x D): 240 x 325 x 80 mm

Weight 2 kg w/o batteries

DIN-EN: EN 54-2 EN 54-4

**Order-No. BMZ 4****Conventional fire panel 4 Zones**

- 4 quiescent current monitored detector zones
- maximum 30 automatic detector each zone
- 4 relay outputs for alarm and fault
- 2 monitored outputs for signalling devices 300 mA
- Space for battery 2 x 12Vdc / 7Ah
- Technical specification:

Mains voltage: 230 Vac, 50/60 Hz

Operating voltage 24 Vdc

Standby battery 2 x 12 Vdc / 7,5 Ah

Quiescent current 190 mA

Display LED Indications

Zone LEDs for 4 zones

Sounder Output 1 relay per zone

Operating temperature: -5° to +40°C

Housing colour grey

Material ABS

Dimensions (H x W x D): 240 x 325 x 80 mm

Weight 2 kg w/o batteries

DIN-EN: EN 54-2 EN 54-4

