



## Universal System M240

takes itself automatically into operation during start up

- » Monitoring and control of 240 fire and smoke extraction dampers and 2 air handling units.
- » Automatic commissioning and visualization of the 2 zones. Pre-programmed application!
- » The M240 controller is the cabinet! Inputs for alarms and contacts for air handling units are included.
- » Integrated intelligence such as automatic baud rate detection (BACnet), run time monitoring of the actuators and bus monitoring function are integrated as standard in the UFC devices.

# System M240 – Set-Up / Components

Controller



| Controller M240  |
|--|
| To control and monitor<br><b>up to 240 fire dampers</b> and<br><b>two zones</b> (2 air handling units) |

The type and quantity of the UFC Field Controllers is depending on the quantity of fire dampers with actuator (24 V or 230 V) and fire dampers without actuators as well as the place of installation (e.g. how close together)!

**Per zone: Up to 60 UFC Field Controllers can be monitored via M240 Controller!**

Field Controllers



| Motorized Fire Dampers                                |                                |
|---|--------------------------------|
| 24 V-Actuator (AC/DC)                                 | 230 V-Actuator (AC)            |
| <b>UFC24</b> (1 Damper)<br><b>UFC24-2</b> (2 Dampers) | <b>UFC230-2</b><br>(2 Dampers) |



| Non-motorized Fire Dampers                                    |  |
|---|--|
| 24 V for UFC (AC/DC)  | 230 V for UFC (AC)   |
| <b>UFC24-NM-6</b><br>to monitor up to<br>6 end limit switches | <b>UFC230-NM-6</b><br>to monitor up to<br>6 end limit switches |

Accessories



|  |
|--|
| <b>DC-Power Supply Unit PSD230-24-DC-240</b><br>Power supply for UFC24/UFC24-2 devices (max. 24 actuators);<br>SMT recommends DC-Power Supply!   |
| <b>Cable Extensions CEP24/CEP230:</b><br>If the cable on the actuator (24 V/230 V) is not long enough for the connection to the UFC device, this cable extension of 2 m is available with AMP plugs – «plug and play».<br><u>Only to be used in connection with plug type fire damper actuators!</u> |
| <b>Ring-Structure-Module A-RSM</b><br>In case a ring topology is needed instead of a standard bus topology, the Ring-Structure-Module A-RSM is the solution.   |

**Scope of delivery on site:**

- » **Standard RS-485 bus cable** (2-wire, 120 Ohm, twisted pairs, flexible, braidshielded) as well as
- » the **cable for power supply to the UFC Field Controllers** (recommendation DC)