



## Universal System M30

takes itself automatically into operation during start up

- » Monitoring and control of 30 fire and smoke extraction dampers and 1 air handling unit.
- » Automatic commissioning and visualization of the zone. Pre-programmed application!
- » The M30 controller is the cabinet! Inputs for alarms and contacts for air handling unit 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 M30 – Set-Up / Components

Controller



Controller M30
To control and monitor <b>up to 30 fire dampers</b> and <b>one zone</b> (2 air handling unit)

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 30 UFC Field Controllers can be monitored via M30 Controller!**

Field Controllers



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



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

Accessories



<b>DC-Power Supply Unit PSD230-24-DC-240</b> Power supply for UFC24/UFC24-2 devices (max. 24 actuators); SMT recommends DC-Power Supply!
<b>Cable Extensions CEP24/CEP230:</b> 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». <u>Only to be used in connection with plug type fire damper actuators!</u>
<b>Ring-Structure-Module A-RSM</b> 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)