

**PHOTOELECTRIC SMOKE , ESM SERIES  
EXPLOSION PROOF**



**BELGIUM**

A QUALITY PRODUCT

**APPLICATION**

The ESM heat detector is used for Fire Protective Signaling Systems. The detector shall be, either a single-circuit type, normally open. The Detectors shall be rated for activation at either 135 F (57 C) or 194 F (90 C) and shall activate by means of a fixed temperature /rate-of-rise thermal sensor. The rate-of-rise element shall be activated by a rapid rise in temperature, approximately 15 F (8.3 C) per minute.



**TECHNICAL DATA**

- Type of Protection : Ex d IIB T6
- Conforming to : Standards IEC 60079-0 to 1 or UL 60079-1
- Marking for test : Ex II2G
- Degree of Protection : IP 55 acc.To IEC 60529
- Ambient Temperature : -10°C + 55°C
- Operation Current : DC 24V under 30m

- Protection class for UL. : Class I, Division1 or 2 Group.C,D  
: Class II, Division1 or 2 Groups.E,F,G
- Protection class for IEC : Zone1and Zone 2

**SPECIFICATION**

- Body : Marine Grade Copper-free aluminium alloy with polyester powder coated RAL7032 (GREY)
- Grill : Marine Grade Copper-free aluminium alloy with polyester powder coated RAL3020 (Red)

**CATALOGUE NUMBER**

Supply Voltage	Tem, Rating	Tem, Rating	Circuit	Cat.No.
24V.DC.	135°F(57°C)	194°F(90°C)	Single	ESM - 24
220V.AC.	135°F(57°C)	194°F(90°C)	Single	ESM - 220

**DIMENSION IN MM.**

