EEx Fire Alarm Switch

Fire alarm switch for use in areas with explosive atmospheres. Flexible application thanks to a variety of different electronic modules

- Housing of glass-fibre reinforced polyester
- Wall thickness 8 to 10 mm
- All metal parts of V4A stainless steel
- IP 66 (IEC 529)

Application

It is essential that fires are reported quickly and without complication. Especially if the fire has broken out in an area where there is a danger of explosions, e.g. in the chemical industry, refineries, mills and harbour facilities as well as on ships and oil rigs.
This fire alarm switch is ideal for use wherever total reliability can save lives and prevent damage.

Design

The housing is made of glass-fibre reinforced polyester, coated red and designed for surface mounting in hazardous areas. The device is equipped with a push-button switch behind a glass pane. It switches a built-in explosion-protected make and break contact or, in the GLU version, a change-over contact.

Fire alarm switch in an explosion-endangered area

This fire alarm switch is ideal for use wherever total reliability can save lives and prevent damage.

Technical specifications

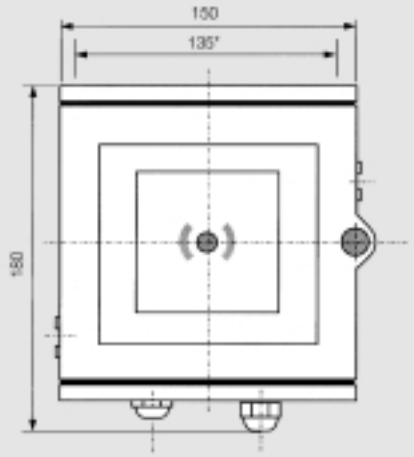
Type 2014/2	Current-reduction principle or current-amplification principle
Protection degree	IP 66 (IEC 529)
Rated wire cross-section	Max. 2.5 mm²
Push-button lock	Yes
Expl. protection class	II 2 G EEx de IIC T6
Approval	PTB No. 97 ATEX 3197 VdS No. G 297060
Weight	Approx. 1.8 kg

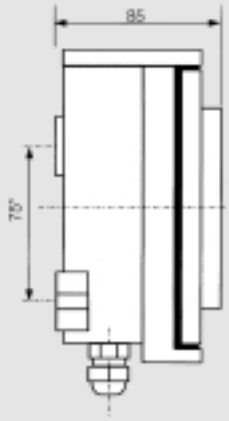
Type 2014/2 GLU

Protection degree	IP 66 (IEC 529)
Rated wire cross-section	Max. 2.5 mm²
Push-button lock	Yes
Expl. protection class	II 2 G EEx de IIC T6
Approval	PTB No. 97 ATEX 3197 VdS No. G 297060
Weight	Approx. 1.8 kg

Special versions

Colours	Available in all RAL colours
Cable gland	Standard versions with one cable gland and a blind plug Pg M16 x 1.5.
Resistors	Resistor modules available in values ≥ 400 Ω
Push-button lock	Available alternatively with or without lock





*Mounting dimensions

Order information

Type	Name	Rated voltage	Power dissipation	Resistors	Article no.
2014/2	Fire Alarm Switch	Max. 100 V	Max. 1.8 W	–	318 000 01
2014/2	Fire Alarm Switch	Max. 100 V	Max. 1.8 W	3.3 KΩ (RE) / 680 Ω (R)	318 000 02
2014/2	Fire Alarm Switch	Max. 100 V	Max. 1.8 W	3.9 KΩ (RE) / 820 Ω (R)	318 000 03
2014/2	Fire Alarm Switch	Max. 100 V	Max. 1.8 W	3.9 KΩ (RE) / 2,2 KΩ (R)	318 000 04
2014/2	Fire Alarm Switch	Max. 100 V	Max. 1.8 W	10 KΩ (RE) / 1 KΩ (R)	318 000 05
2014/2 GLU	Fire Alarm Switch	Max. 100 V	Max. 1.8 W	60 V–	318 000 18

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