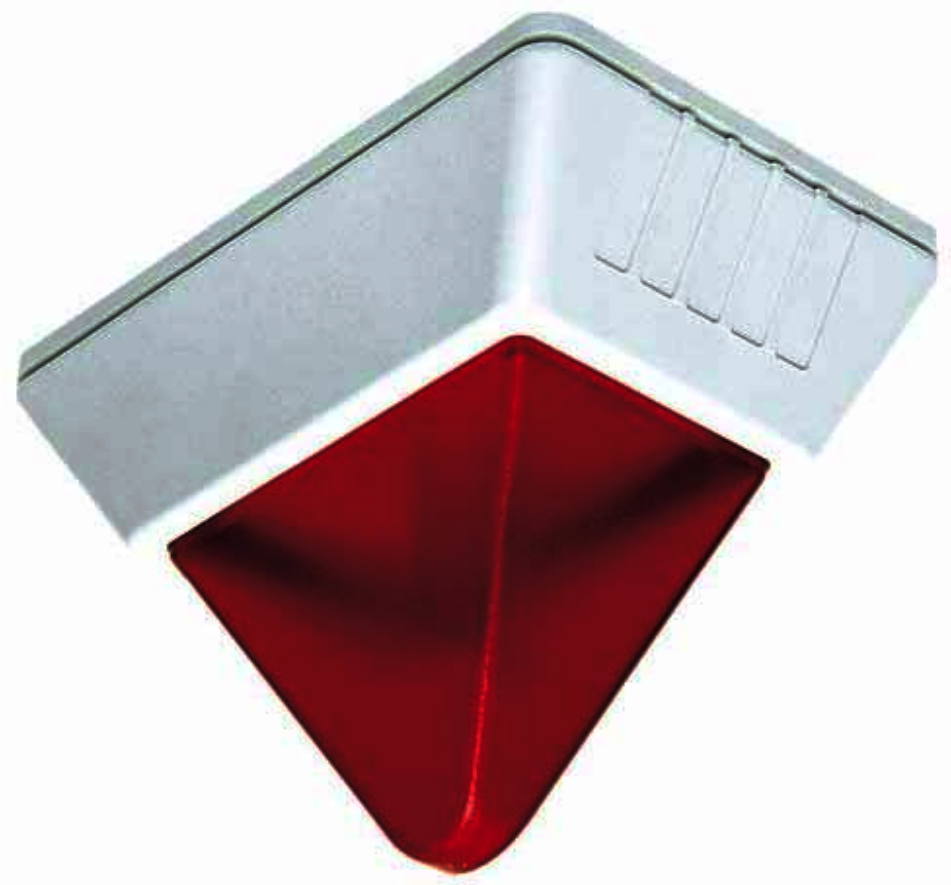
PRODUCT INFORMATION **PI - 38.39c**

Alarm Strobe PB 2005



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1. System description

The elegant PB 2005 universal alarm strobe is an optical signaling appliance for use with fire detector control units.

2. Features

- Suitable for internal and external mounting
- Compact shape
- High strobe frequency
- Polarity-safe connections
- For surface-mounted and concealed connection

3. Planning Notes

If connected to the BZ 1016 fire detection control unit, a resistance of 10Ω/2W must be connected in series.

4. Order contents

Product ID	LE*	Designation
2.799.380.143	ST	Alarm Strobe PB 2005 (red)

*LE = Delivery unit, ST = Pieces, PAK = Pack

5. Construction

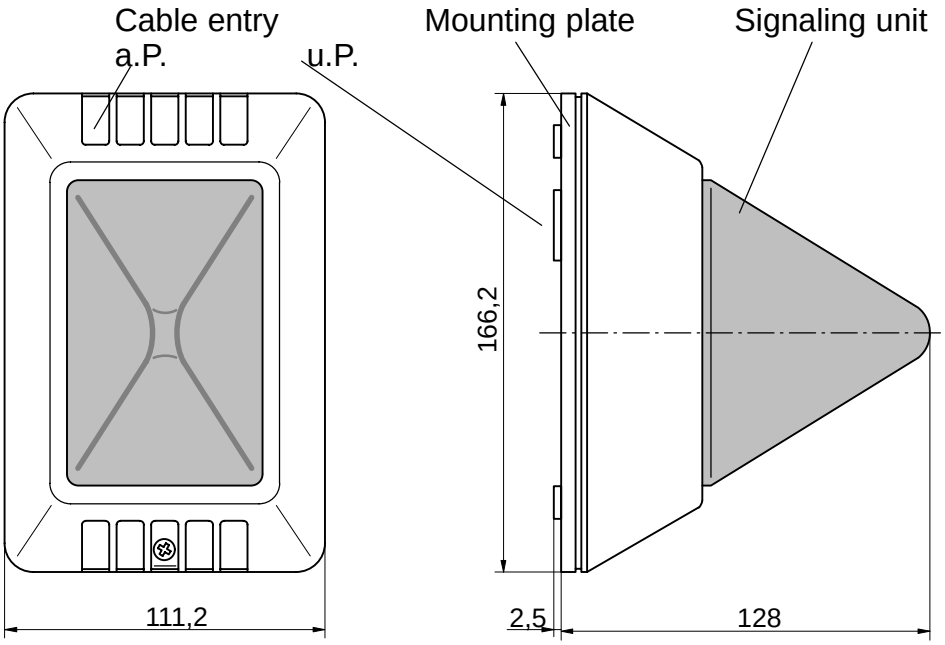
The alarm strobe consists of a mounting plate and a signaling unit with a transparent cover in Plexiglas (PMMA).

The signaling unit contains the complete electronics and the connection terminals.

The mounting plate is prepared for concealed cable entry.

The signaling unit has an opening for surface mounting cable entry.

In both cases, the cable is fed through a PG screw connector.



6. Technical Data

Operating voltage:	18V DC . . . 30V DC
Current consumption at 24V DC	230mA
Strobe energy:	5 Joule
Strobe frequency	approx. 1Hz
Protection class:	IP 55
Cable entry:	PG 11
Temperature range:	-30°C . . . + 55°C
Permitted humidity:	90% rel. at 40°C
Housing material:	ABS plastic (fireproof)
Housing color:	graphite gray RAL 7024
Strobe cover color:	red, transparent
Strobe cover Material:	Plexiglas, PMMA
Weight:	approx. 300g
Dimensions (B x H x D):	166 x 111 x 128 mm

7. Mounting notes

- On the mounting base, break out the pre-stamped openings for the attachment screws and for the cable entry.
- Fit the base with three screws.
- The PG screw connector included is used for the cable entry.
- Make electrical connections

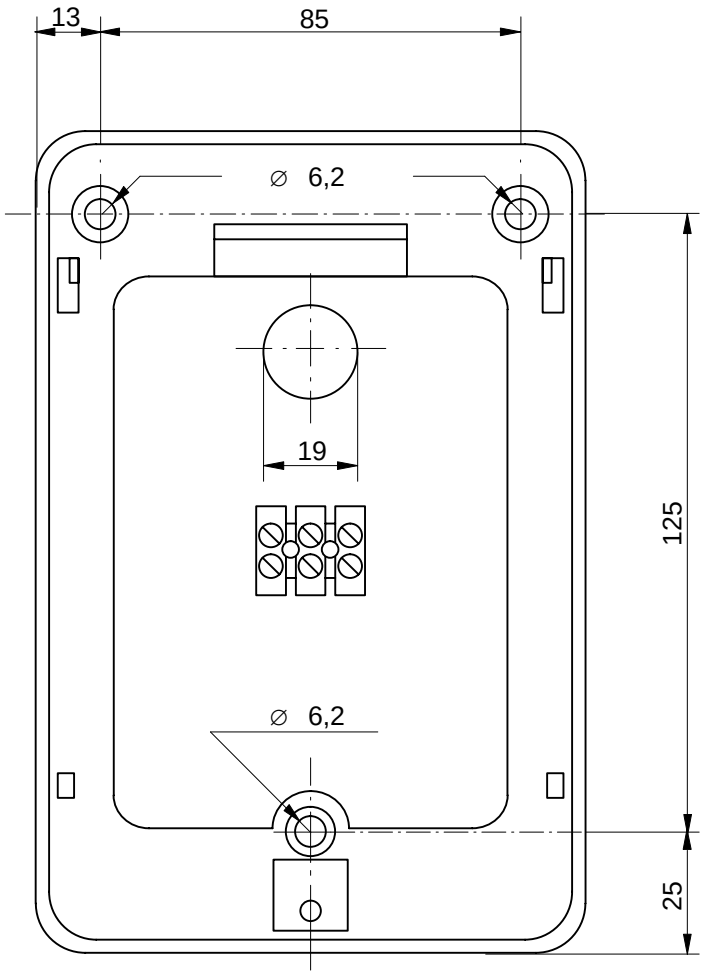
Before connecting, ensure that the strobe is guarded against unauthorized activation!

High voltages are generated in the unit. These may still be present several minutes after deactivation!

- Mount the signaling unit onto the mounting base with the included screws.

7.1. Installation drawing

(Dimensions in mm)



8. Maintenance and service

Test the device/system at least once per year for functionality (see also DIN VDE 0833 -1).

- Maintenance and inspection work should be carried out regularly by trained personnel.

Before maintenance and service work, ensure that the strobe is guarded against unauthorized switching on!

High voltages are generated in the unit. These may still be present several minutes after switching off.

8.1. Disposal

Unusable units should be disposed of in accordance with regulations.

8.2. Additional Documentation

For those with access rights, the Bosch ST ExtraNet at
www.boschsecurity.com/emea/fire
contains the most up-to-date product information and the installation manual supplied with the device can be downloaded in PDF format.

9. Table of Abbreviations

aP	=	**a**uf **P**utz (surface-mounted)
BMZ	=	**F**ire **detection** control unit
DIN	=	**G**erman **I**nstitute for **S**tandardization
EMZ	=	**I**ntrusion **detection** control unit
UEZ	=	**U**niverselle **E**uropa**z**entrale (Universal European Central)
UGM	=	**U**niverselle **G**efahren**m**eldezentrale (Universal danger detection system)
uP	=	**u**nter **P**utz (concealed)
VDE	=	**A**ssociation of **G**erman **E**lectrical Engineers
VdS	=	Schadenverhütung GmbH

10. Notes

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