

MANUAL CALL POINT WITH SELFVERIFY - BF-506/EX

Interactive fire detection systems Product Datasheet

Features

- Breakglass unit for use in harsh environmental conditions
- Weather proof
- Marine grade copper free LM6 Aluminium
- Protection degree IP66
- Short circuit isolator in each unit
- Automatic addressing
- Proven technology
- With SelfVerify function for reduced maintenance/testing and increased reliability

Description / Application

BF-506/EX is a manual call point for use in hazardous area zone 0, 1 or 2. It must be connected to the approved barrier BZ-500. The call point has been designed for use with Autronica's interactive fire detection systems, and comprises the SelfVerify function. This function ensures the highest grade of reliability and the lowest degree of manual testing, because all units comprising this function are automatically self-tested once every 24 hours.

The high IP degree and mechanical strength of the enclosure makes the call point suitable for outdoor applications in industrial installations.

The call point must be installed according to local regulations which normally means along escape routes, landings and exits.

Principle

Break glass operation, releasing alarm switch.
Reset when a new glass is mounted.

SelfVerify: the call point's ability to initiate alarms is regularly checked.

Related Drawing

No modifications permitted
without reference to
Ex Responsible



Versions

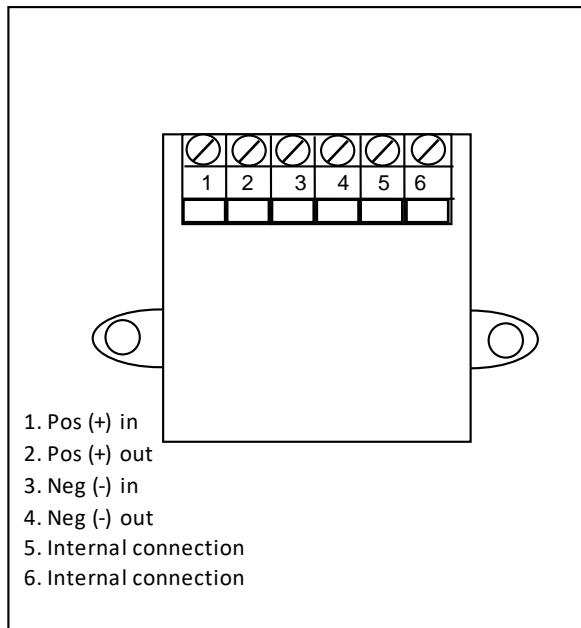
- BF-506/EX Manual call point with SelfVerify, Ex ia version for use in zone 0, 1 and 2

Product Name	Part number	Description
BF-506/EX	116-BF-506/EX	Manual call point for use in zone 0, 1, 2

Technical specifications	
Weight	0,8 kg
Material	Marine grade copper free LM6 Aluminium Stainless Steel lift flap
Colour	Red
Voltage	10 - 27 VDC
Current consumption, stand by:	0,3 mA
Environm. requirement	EN 54
Degree of protection	IP66*
Working temperature	- 20 - + 70 °C
Storage temperature	- 55 - + 70 °C
Cable inlets	2 x M20 clearance top and 1 x M20 clearance side (Back box can be rotated to give 2x bottom and 1x side entries)
Maintenance	Replace broken glass
Service	Replace if faulty
Certificates	See website
Notified body	Nemko ID No. 0470
Type examination certificates	NEMKO 03ATEX218X IECEX NEM 11.0009X
Directives, standards and Ex parameters	Refer to Doc-1003606 (Schedule drawing: "Control Drawing/User Manual/Technical Specifications and Instructions") where this information is listed. A link to this document is included on the product page for this product at www.product.autronicafire.com .
Approvals	www.autronicafire.com

*requires IP66 approved cable glands and/or plugs

Connections



Dimension Drawing

