MANUAL CALL POINT W/SELFVERIFY - BF-500V2/EX

Interactive fire detection systems
Product Datasheet

Features

- Automatic addressing
- Maximum 3-second response time
- Can be tested by means of a special testkey
- With the SelfVerify function
- Short-circuit isolator in each call point
- Designed to meet the requirement of the major maritime classification societies
- Approved according to EN 54-11 and EN 54-17

Description / Application

BF-500V2/EX is a manual call point for indoor use in hazardous area zone 0,1 or 2. It must be connected to the approved AutroSafe barrier BZ-500.

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

Principle

- Press white plastic element. Resettable by means of dedicated test key.
- Optional: Break glass element. Resettable by mounting new glass element.

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

Versions

- BF-300V2*   Manual call point with SelfVerify
- BF-300M*   Manual call point with SelfVerify, with metal mounting box and cable glands.
- BF-500V2/EX   Manual call point with SelfVerify. Ex ia version for use in zone 0, 1 and 2
- BF-500V2/N*   Manual call point with SelfVerify. Ex ic version for use in zone 2 only
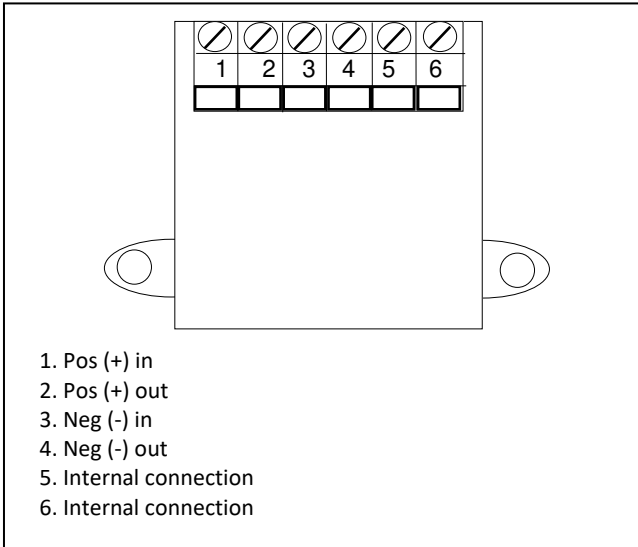
 * See separate datasheet

Related Drawing
No modifications permitted
without reference to
Ex Responsible

AUTRONICA

Technical specifications	
Weight	160 g
Material	ABS
Colour	Red
Voltage	Maximum 15,75 VDC
Current consumption, stand by	0,3 mA
Degree of protection	IP44D* with optional polycarbonate cover IP42D* without cover
Working temperature	-20 °C - + 70 °C
Storage temperature	-55 °C - + 70 °C
Humidity (non-condensing)	Max. 95 % RH
Service	Replace if faulty
CPD certificate	0333-CPD-075244
Notified body	Nemko ID No. 0470 CSA
Type examination certificate	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 approved cable glands and/or plugs of minimum the same IP level.

Product Name	Part number	Description
BF-500V2/EX	116-BF-500V2/EX	Manual call point with SelfVerify
Accessories		
	116-4860-011.0100	Polycarbonate cover
	116-BFG-3	Glass element

Connections

1. Pos (+) in
2. Pos (+) out
3. Neg (-) in
4. Neg (-) out
5. Internal connection
6. Internal connection

Dimension Drawing (mm)