

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

Interactive fire detection systems Product Datasheet

Technical specifications and instructions

Features

- Addressable
- Max. 3 seconds response time
- Built in indicator (LED)
- Can be tested by means of a special test key
- With SelfVerify function for reduced maintenance/testing and increased reliability
- Short circuit isolator in each unit
- Automatic addressing
- Proven technology
- Designed to meet the requirement of the major maritime classification societies

Description / Application

BF-500V2/N is a manual call point 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 is for use in hazardous area zone 2. It must be connected to a loop driver approved for zone 2.

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

Principle

Break glass operation, releasing an alarm switch. Reset by replacing glass element. Can be tested by use of a special key.

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

Schedule Drawing

No modifications permitted
without reference to the
Notified Body




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

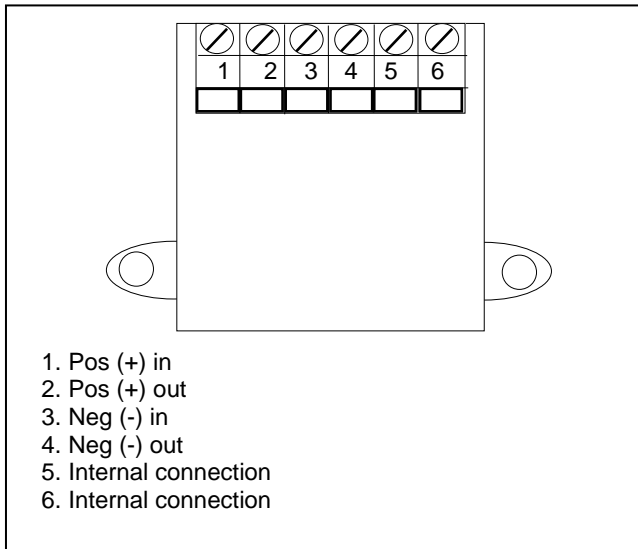
* See separate datasheet

Product Name	Part number	Description
BF-500V2/N	116-BF-500V2/N	Manual call point certified for use in zone 2
	116-4860-011.0100	Optional polycarbonate cover

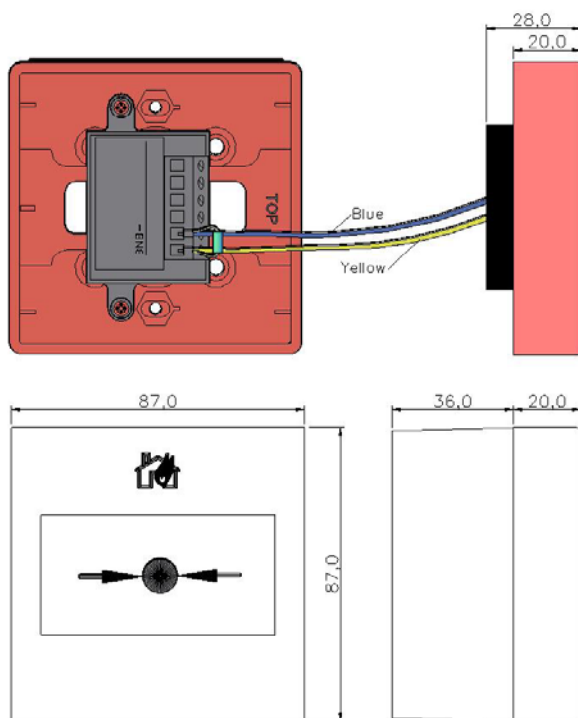
Technical specifications	
Weight	185 g
Material	ABS
Colour	Red
Voltage	10 - 27 VDC
Current consumption	
Stand by:	0,3 mA
Alarm (LED):	6 mA
Envir. requirements	EN 54
Degree of protection, inner housing	IP 22D* IP 24D* with lift flap
Working temperature	-30 - +50 °C
Storage temperature	-55 - +70 °C
Humidity (non-condensing)	Max. 95% RH
Maintenance	Replace broken glass
Service	Replace if faulty
Certificates	See website
Notified body	Nemko ID No. 0470
Type examination certificates	NEMKO 03ATEX217X IECEX NEM 11.0017X
Directives and standards	EN 60079-0:2012 EN 60079-11:2012 IEC 60079-0:2011 IEC 60079-11:2011 2014/30/EU (EMC) Immunity: EN 50130-4:2011 Emission: EN 61000-6-3:2001
Ex parameters	 II 3G Ex ic IIB T4 Gc Warning: Do not rub

*requires approved cable glands and/or plugs of minimum the same IP level.

Connections



Dimension Drawing



Control drawing

