

## FIELD UNIT FOR 1 FIRE DAMPER

- Connects 1 fire damper to the bus
- Provides a terminal connection for a 230V actuator, such as BFL(T)230, BFN(T)230...
- Has a predefined address (no addressing required during system commissioning)
- AC 230 V mains power



## TECHNICAL DATA

## ELECTRICAL DATA

Nominal voltage range	AC 100 ... 265 V
Maximal current through power terminal	10 A
For wire sizing	18 VA
Power consumption from mains	Actuator consumption + 25 mW
Power consumption from bus	5 mW
Maximum distance field module to actuator	5 meter
Connecting	Power supply terminal 2 x 3 x max. 2.5 mm <sup>2</sup> Actuator output terminal, 6 x 1.5 mm <sup>2</sup> Actuator power supply terminal, 2 x 1.5 mm <sup>2</sup> Bus terminal 2 x 4 x 1.5 mm <sup>2</sup> wire
Wire stripping length	10 mm

## SAFETY

Protection class	Class II (all insulated)
Degree of protection	IP54
EMC	CE according to 2004/108/EC
Low-voltage-directive	CE according to 2006/95/EC

Rated impulse voltage	2.5 kV
Control pollution degree	3
Type of action	Type 1
Software class	A
Ambient humidity range	max. 95 % r.H., non condensing
Ambient temperature range	-20 ... +60 °C
Non-operating temperature	-40 ... +85 °C
Maintenance	Maintenance-free

## DIMENSIONS / WEIGHT

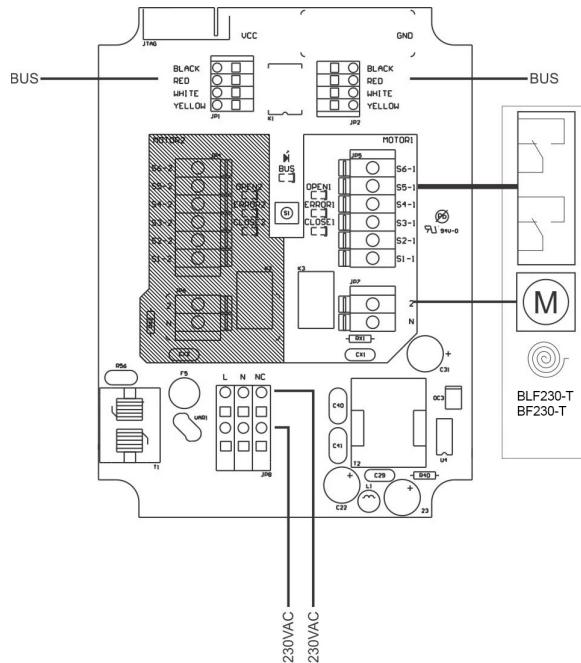
Dimensions	154 x 114 x 77 mm
Weight	400 g

## PRODUCT FEATURES

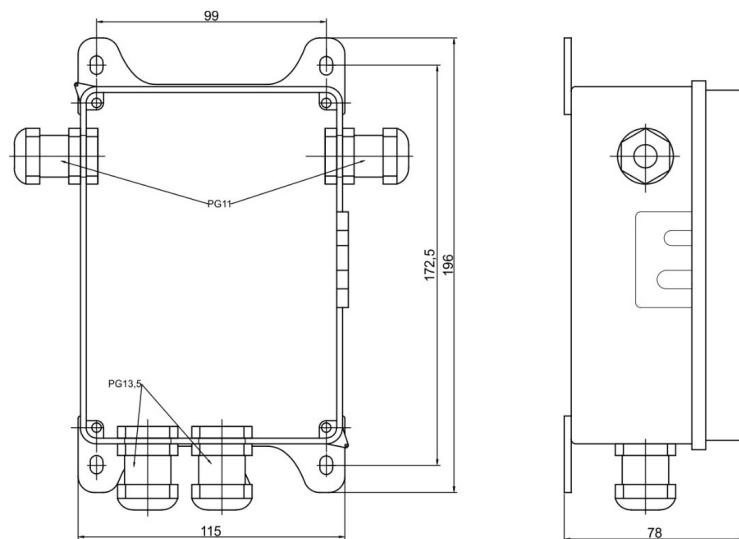
Control of one fire damper actuator	ZENiX 1FD is used for controlling one 230 V fire damper actuator. The unit is connected to the ZENiX controller module via a 4 wire bus communication.
Predefined address	Each unit has a predefined address, no addressing required.
Work without 230 V	ZENiX 1FD unit is able to work without 230 V: it will only send data about actuator position to the ZENiX controller but will not be able to re-arm the fire damper.



## WIRING AND RESOURCES



## DIMENSIONS AND MOUNTING



## SAFETY NOTES



- The device is not allowed to be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.
- Caution: Power supply voltage!
- It may only be installed by suitably trained personnel. Any legal regulations or regulations issued by authorities must be observed during assembly.
- The device may only be opened at the manufacturer's site. It does not contain any parts that can be replaced or repaired by the user.
- The device contains electrical and electronic components and is not allowed to be disposed of as household refuse. All locally valid regulations and requirements must be observed.

If the product is manipulated in any other way than described, Rf-Technologies will decline any responsibility and the guarantee will immediately expire!