

# Flex5

## INPUT/OUTPUT EXPANSIONS



Flex5/P



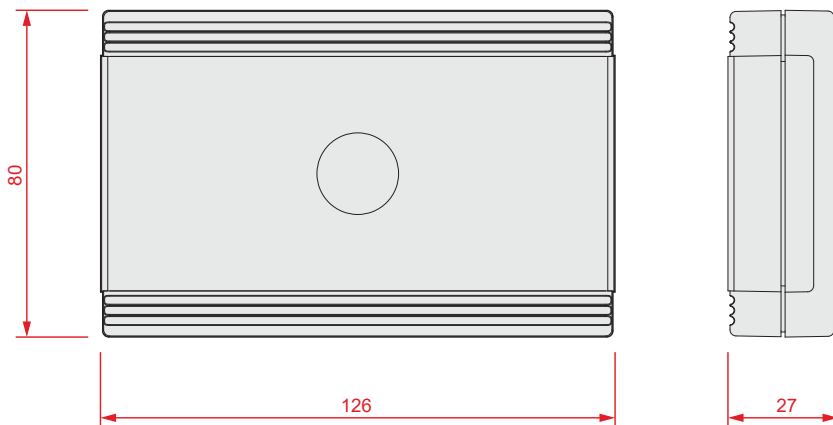
Flex5/U

The Flex5 expansion board increases the number of inputs (zones) or outputs available on the Inim system. The board receives commands and power via the I-BUS. The power supply to the device and the two ancillary power outputs are protected against short-circuit and overload.

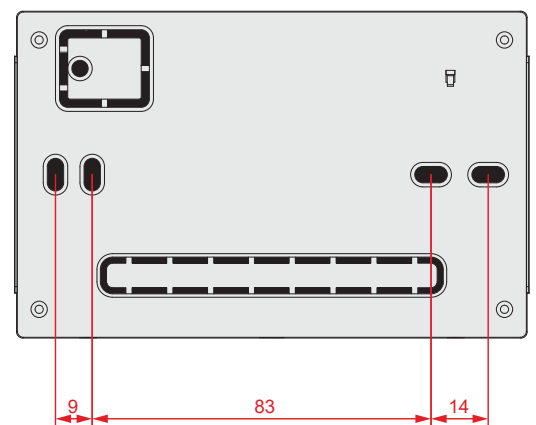
Thanks to the FlexIO technology, the Flex5 expansion board has 5 terminals which can be used as either zones or outputs. If programmed as inputs, terminals 1 to 4 directly accept shock and rollerblind sensors. If programmed as outputs, these terminals can sink 150mA.

The Flex5 expansion board has a built-in signalling buzzer which can be activated when the T1 terminal activates as an output. The Flex5/P model is protected against break-open and break-off tamper (these protections can be disabled if necessary).

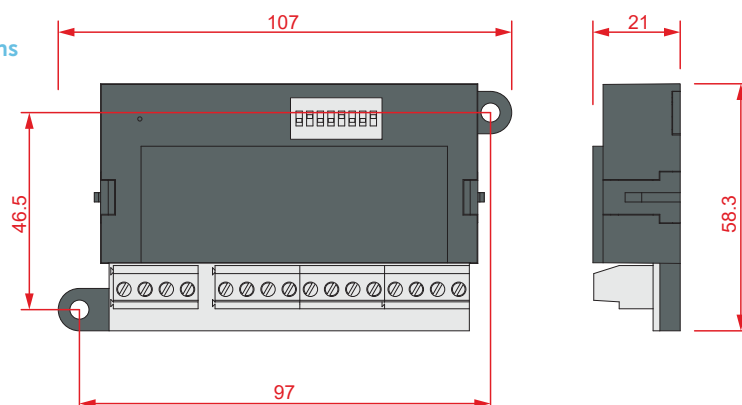
Flex5/P - dimensions



Flex5/P - back

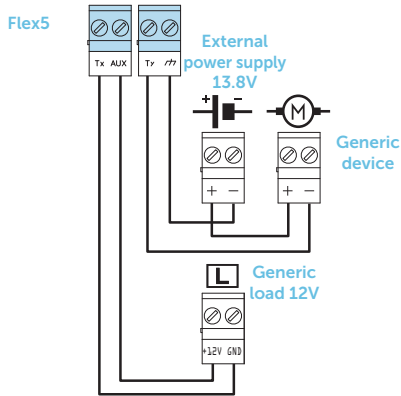


Flex5/U - dimensions

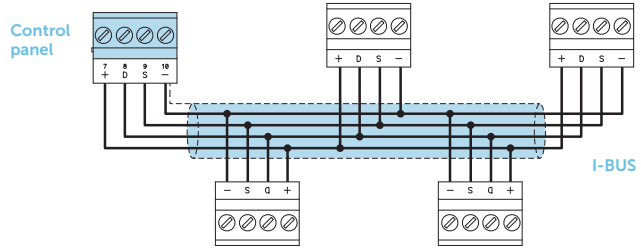


### Main features

	Flex5/P	Flex5/U
Voltage	from 9 to 16V <sub>DC</sub>	
Current draw	25mA	
FlexIO terminals programmable as inputs or outputs	5	
Terminals which accept shock and rollerblind sensors	4	
Maximum current draw for output terminals	150mA	
Resettable fuse protects bus load current draw	300mA	
Ancillary power supplies	2	
Buzzer	Integrated	
Protection	Anti-opening and anti-dislodgement	No
Dimensions (HxWxD)	80x126x27 mm	59x108x20 mm
Weight	106 g	67 g

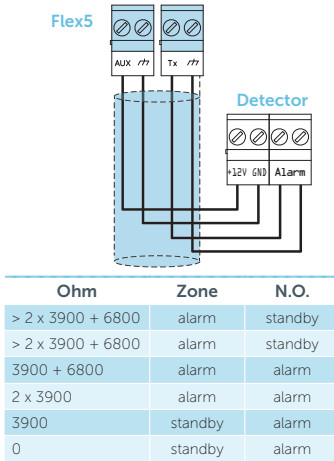


### I-BUS CONFIGURATION DIAGRAM

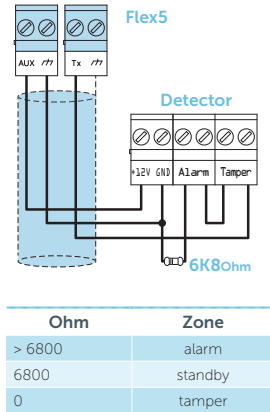


## BALANCING

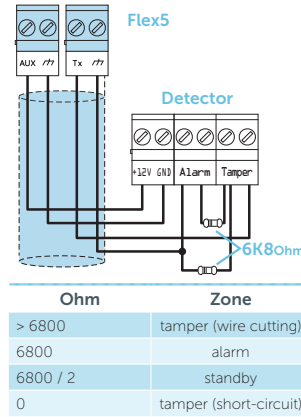
### N.C./N.O. Balancing



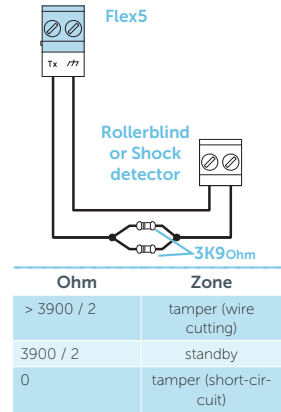
### Single balancing



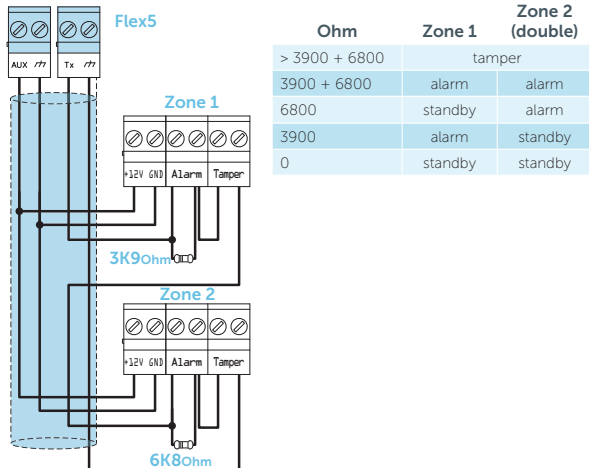
### Double balancing



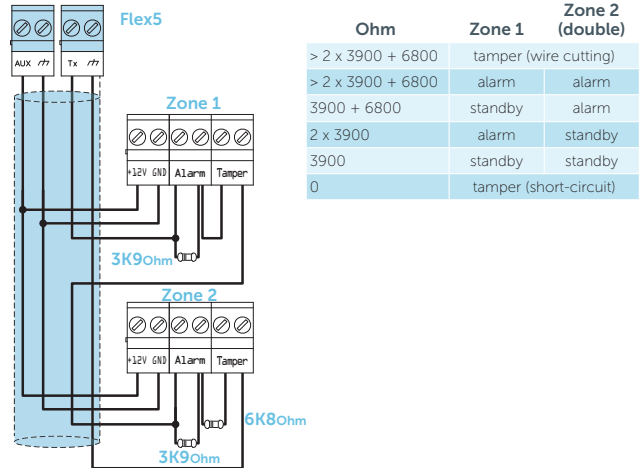
### Single balancing (N.C. with EOL)



### Double-Zone balancing



### Double Zone balancing with EOL



## ORDER CODES

**Flex5/P:** input and output expansion board with tamper protection.

**Flex5/U:** input and output expansion board with terminals on-view.