

Flex5

Input and Output expansion board



Flex5/P



Flex5/U

The Flex5 expansion board increases the number of inputs (zones) or outputs available on the SmartLiving 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. 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 separately from the terminals. The device is protected against break-open and break-off tamper (these protections can be disabled if necessary).

Main features

	Flex5/P	Flex5/U
Terminals		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 supply		2
Integrated Buzzer		Yes
Protected against break-open tamper	Yes	-
Protected against break-off tamper	Yes	-
Dimensions (HxWxD)	80x126x27 mm	59x108x20 mm
Weight	106 g	67 g

ORDER CODES

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

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

Flex5/DAC

Network Voltage Output expansion board



Flex5/DAC

Flex5/DAC allows full control of domestic loads. Among these, appliances such as washing machines, dryers, ovens and dishwashers. The Flex5/DAC also allows control of other household facilities such as lighting and switches. For these facilities, the Flex5/DAC allows the adjustment of brightness thus providing perfect management of those household scenarios where illumination is a determining factor. The board also allows control of the phase displacement between the current and voltage of each individual output, in such a way as to control any inefficiencies in the electrical distribution system. The simultaneous management of several outputs by the Flex5/DAC also permits light colour adjustments.

Main features

Output terminals programmable as Relay, Triac ON/OFF or Dimmer	5
Operating range in AC	110-230V 50-60Hz
Maximum current draw for each output	$\cos \phi = 1$ 10 A (Relay); 4 A (triac ON/OFF and dimmer)
I-BUS Interface	Yes
Electrical quantity measurement for each output (max and rms)	Current, Voltage, Power
Power factor measurement ($\cos \phi$) for each output	Yes
Anti-opening protection	Yes
DIN rail mount	9 module enclosure
Dimensions (LxWxD)	88x158x58,5mm
Weight	300g

*Can be used with SmartLiving version 6.

ORDER CODES

Flex5/DAC: 5 output dimmer expander, 230V.