

Air2-MC200/S, Air2-MC300, Air2-MC400

Wireless magnetic-contacts

Air2-MC200/S

The Air2-MC200/S is a wireless magnetic-contact which integrates a tilt and shock sensor. Shock and tilt detection is achieved thanks to the use of appropriate electronic devices that guarantee extremely high levels of reliability and precision combined with excellent programming flexibility.

It is possible to carry out accurate programming in order to adapt the device functions to the specific needs of the individual installation.

The tilt sensor allows detection of the opening of overhead and awning windows thus avoiding the use of the magnet.

The Air2-MC200 is protected against tamper attempts and forced removal.

The device uses separate channels for the different types of signalling, thus allowing precise identification of the alarm source.



Air2-MC200/S

Air2-MC300

Besides providing two positions for the magnet, 90 degrees one from the other for device placement optimization, the Air2-MC300 magnetic contact provides 2 terminals which can be configured individually as input or output terminals.

Configuring the terminals as inputs allows management of standard zone balancing (NO, NC, single balancing, double balancing) and also direct interfacing with rollerblind and inertial sensors. Configuring the terminals as outputs grants access to a 50mA open-collector output.

Alarms deriving from magnetic contacts and distinctly from the two terminals are signalled separately on the control panel.

This device provides an option which allows you to change the "unused" magnetic contact (of the two present on the device) into a magnetic tamper protection. In this way, it will be capable detecting tamper attempts using magnets.

The device is protected against dislodgement and open-cover tamper.

The magnet is equipped with three different bases for 3 different installation heights (13.5, 20 and 26.5 mm), depending on the installation requirements.



Air2-MC300

Air2-MC400

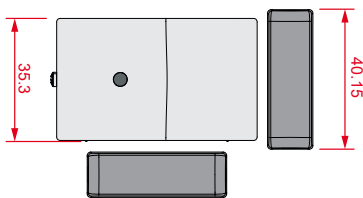
Air2-MC400 is a wireless magnetic micro-contact designed to provide maximum installation flexibility.

The device incorporates a function that allows automatic detection of the position of the magnet, whether it is placed on the long or short side of the detector. This feature eliminates the need for manual programming and saves time as well as reducing the possibility of errors.

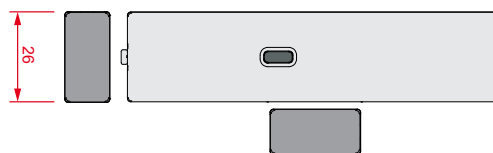
Air2-MC400 is equipped with anti-dislodgement and anti-opening protection as well as separate signalling for alarm and tamper events. Moreover, it is equipped with magnetic tamper protection to provide an additional level of security.



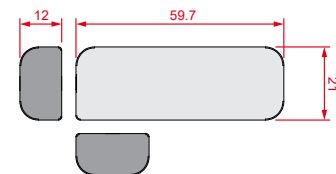
Air2-MC400



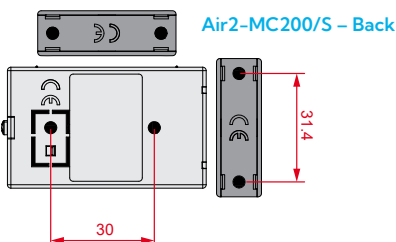
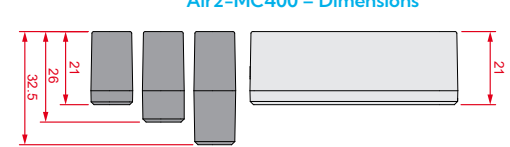
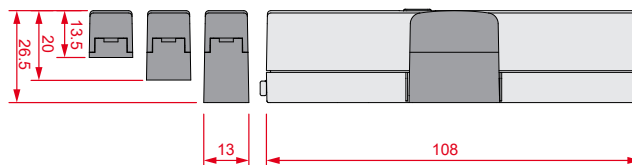
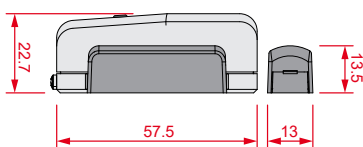
Air2-MC200/S – Dimensions



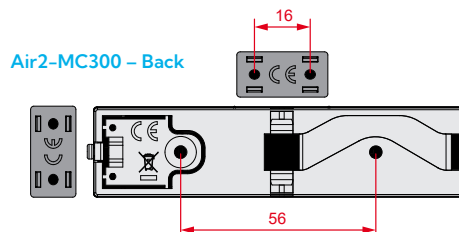
Air2-MC300 – Dimensions



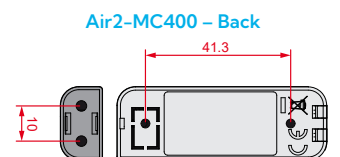
Air2-MC400 – Dimensions



Air2-MC200/S – Back



Air2-MC300 – Back



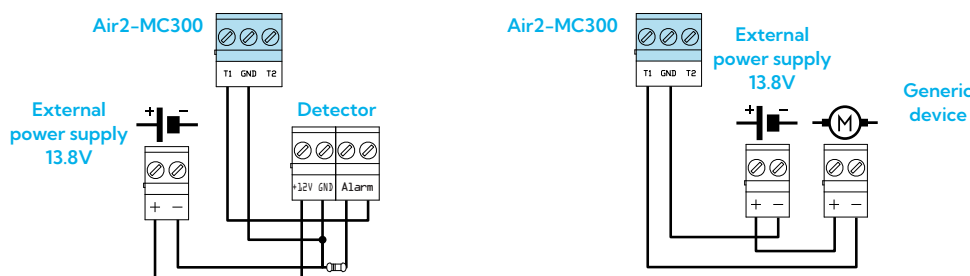
Air2-MC400 – Back

Air2-MC200/S, Air2-MC300, Air2-MC400



Main features	Air2-MC200/S	Air2-MC300	Air2-MC400
Communication with wireless devices		Two-way	
Operating frequency		868 MHz	
Programmable supervision time of wireless devices		from 12 to 250 minutes	
Protections	Anti-dislodgement, Anti-opening, Magnetic anti-tamper	Anti-dislodgement, Anti-opening	Anti-dislodgement, Anti-opening, Magnetic anti-tamper
Magnetic sensors	1	2 @ 90° usable individually or in pair	1 usable in 2 positions at 90°
Shock/Tilt sensor	1	No	No
Signalling channels	Separate for magnetic sensor, shock/tilt sensor and tamper	Separate for magnetic sensors, first terminal and second terminal and tamper	Separate for magnetic sensor and tamper
Shock sensor sensitivity	10 programmable levels	No	No
Tilt sensor sensitivity	10 programmable levels, from 4° to 70°	No	No
Tilt delay signal	Programmable from 100ms to 2 minutes	No	No
Terminals	No	2 individually programmable as input or output	No
Balancing on terminals	-	NO, NC, single, double balancing	-
Management of roller blind and shock detectors	-	Yes, on both terminals	-
Open-collector output	-	Max 50mA	-
Battery	Lithium CR2 3V	Alkaline LR6 AA 1.5V	Lithium CR2 3V
Battery life (estimated)	4 years	4 years	4 years
Current draw	stand-by 10µA maximum 30mA	stand-by 30µA maximum 45mA	stand-by 7µA maximum 75mA
Dimensions (HxWxD):	35 x 58 x 23mm	26 x 108 x 26.5mm	21x59.7x21mm
Weight	30g	50g	52g
Magnet dimensions	13 x 40 x 14mm	WxH: 26 x 13mm height, depending on the base used: 13.5 - 20 - 26.5mm	WxH: 21 x 12mm height, depending on the base used: 21 - 26 - 32.5mm
Operating temperature		from -10 to +40 °C	
Relative humidity		≤ 93% without condensation	
Security grade		2	
Environmental class		II	
Available colours		White, Brown, Black	

T1 AND T2 TERMINALS CONNECTION



ORDER CODES

- Air2-MC200/SB,** Wireless magnetic contact with integrated shock and tilt sensor.
Air2-MC200/SM, White (-W), Brown (-B), Black (-N).
Air2-MC200/SN
- CB-MC200B,** Plastic spacers to distance the base of the Air2-MC200/S contact from the wall (pack of 50).
CB-MC200M, White (-W), Brown (-B), Black (-N).
CB-MC200N
- Air2-MC300B,** Magnetic contact (two-way) with 2 inputs/outputs (wireless expansions).
Air2-MC300M, White (-W), Brown (-B), Black (-N).
Air2-MC300N
- Air2-MC400B,** Wireless micro-magnetic contact.
Air2-MC400M, White (-W), Brown (-B), Black (-N).
Air2-MC400N
- CB-MC400B,** Plastic spacers to distance the base of the Air2-MC400 contact from the wall (pack of 50).
CB-MC400M, White (-W), Brown (-B), Black (-N).
CB-MC400N



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