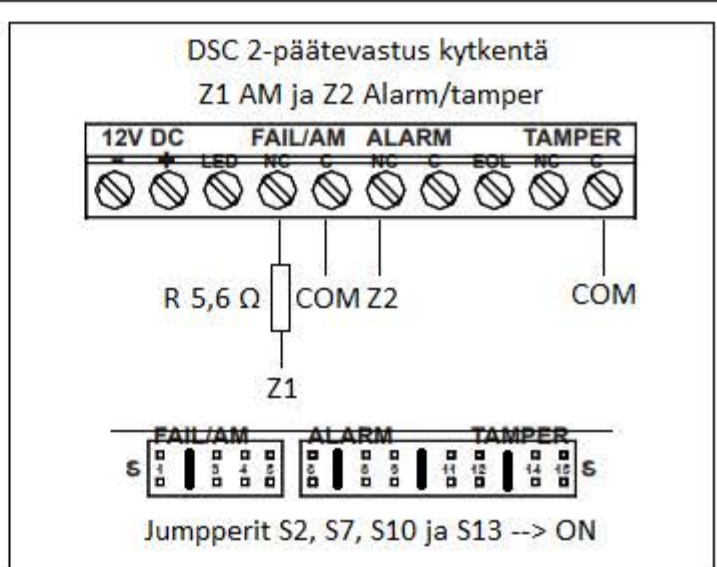
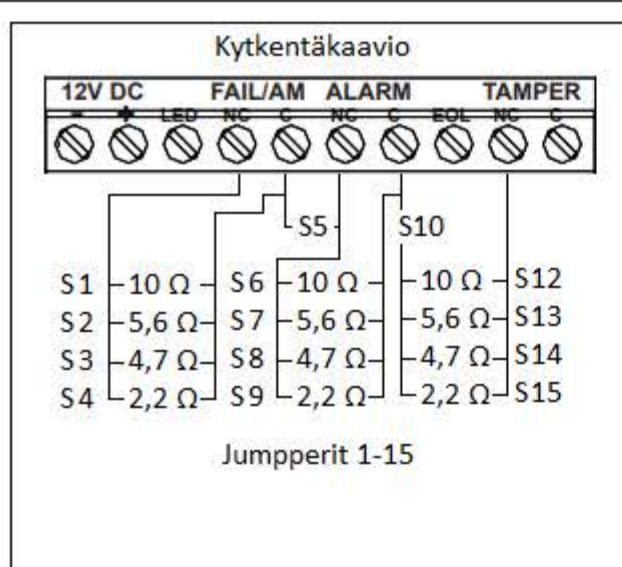


Scheme 1. The Alarm, Tamper and Antimask contacts are independent of each other
Scheme 2. The Alarm and Tamper contacts are in series with each other (It is necessary to perform a wire bridge between the Alarm and the Tamper). The Antimask contact is independent.
Scheme 3. The Alarm and Tamper contacts are in series with each other (It is necessary to insert one of 4 jumpers relating to Tamper resistance). The Antimask contact is independent.
Scheme 4. The Alarm and Antimask contacts are in series with each other. The Tamper contact is independent.
Scheme 5. The Alarm, Tamper and Antimask contacts are in series with each other (It is necessary to insert one of 4 jumpers relating to Tamper resistance).



Test Microwave (MW) and Infrared (PIR)
 Periodically, the detector is performing a self-test check for MW and PIR. If self-test fails, the Fail-AM output will be triggered.

Trimmer (FIG. B)

- MW ADJ:** microwave capacity adjustment. Turn clockwise to increase.
- PIR ADJ:** infrared capacity adjustment. Turn clockwise to increase.

LED (FIG. B)

- BLUE LED 3:** Off with sensor on standby. **Blinks** for 60 seconds during initial start-up. **Steady** with the sensor in alarm mode.
- GREEN LED 2:** Off with PIR on standby. **Blinks** for 60 seconds during initial start-up. **Steady** with PIR in alarm mode. **A short blink** every second to indicate IR fail.
- YELLOW LED 1 (Microwave):** Off with MW on standby. **Blinks** for 60 seconds during initial start-up. **Steady** with MW in alarm mode. **A short blink** every second to indicate MW fail.
- YELLOW LED 1 (Antimask):** LED Off = antimasking on quiet mode. **LED flashing slowly** = On first power-up, during warm-up period (about 40°). **LED flashing fast** = while detecting a masking object (about 30°). **LED steady on** = antimasking on alarm mode.

Dip Switch (FIG. B)

LED	DIP 1 ON	Default	The LEDs operate in the manner described in the chapter LED
		DIP 1 OFF	
ANTIMASKING	DIP 2 ON	Default	Antimasking enabled
	DIP 2 OFF		Antimasking disabled
SELF TEST IR and MW	DIP 3 ON	Default	MW and PIR self-test enabled
	DIP 3 OFF		MW and PIR self-test disabled
SENSITIVITY MW + AND / SECURITY	DIP 4 OFF	Default	Operation in AND mode
	DIP 5 OFF		Pet immunity 0 Kg (EXCLUDED)
	DIP 4 ON		Operation in AND mode.
	DIP 5 ON		Pet immunity up to 25 Kg in weight.
YELLOW LED	DIP 4 OFF		Operation in AND mode.
	DIP 5 ON		Pet immunity up to 12 Kg in weight.
-	DIP 4 ON		Operation in SECURITY mode
	DIP 5 ON		Pet immunity 0 Kg (EXCLUDED)
	DIP 6 ON		Yellow LED showing MW status
	DIP 6 OFF	Default	Yellow LED showing Antimasking status
	DIP 7		Not used

Technical Features

Rated voltage	12 V =
Power supply	Max: 15 V = / Min: 10,5 V =
Absorption	11 mA idle / 12 mA in alarm mode
Coverage area	With the lens provided: 90° effectively for 15 metres With the optional lens (mod. CLI): 5° effectively for 15 metres
Microwave frequency	- European Community countries except Germany: 10.525 Ghz - Germany: 9,350 Ghz
Microwave signal	Pulsed
Height of installation	2.2 to 2.7 metres above the ground
Operating conditions of the printed circuit board	0° C / +50° C
Weight (grams)	110
Dimensions (millimetres) (WxLxH)	39 x 65 x 120