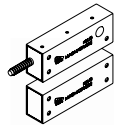


# CLH-L2 models

SURFACE MOUNT



## CLH-L2



### Magnasphere® L2 line, flying lead, stainless steel sheath

CLH-L2 models offer the highest security available on the market today, protecting from attacks that come both from the inside or the outside of the controlled perimeter. In fact, while traditional triple-balanced contacts can be disabled from the inside by inserting simple magnetic blades between the sensor and the magnet, Magnasphere® L2 models are the only passive magnetic contacts that can protect from insider attacks. They are compatible with the new Level 2 security standard defined by UL. They also include a patented magnetic anti-removal mechanism on the sensor which greatly simplifies installation. Featuring dual independent contacts, they can serve two separate panels at the same time, e.g., an alarm panel and an access control system, further streamlining their deployment.

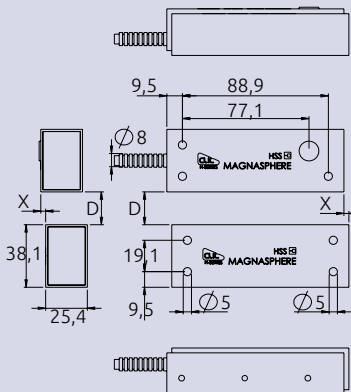
- ▶ **High resistance, anodized aluminum case**
- ▶ **Fully potted construction: suitable for internal or external use**
- ▶ **Dual independent contacts**
- ▶ **Magnetic anti-masking - CLH-L2 models detect magnetic attacks: the alarm will sound before the break-in happens.**
- ▶ **Protection from insider attacks**
- ▶ **Stainless steel sheath**
- ▶ **Patented, magnetic anti-removal system**

### Ordering guide

CONTACT	ELECTRICAL CONFIGURATION	D MAX	X MAX	PACKAGING
<b>CLH-L2D</b>	Dual contact closed with magnet in secure position	On ferrous mat.: 4 mm	3 mm	Sensor+Magnet: 1 pcs
<b>CLH-L2S</b>	Closed/Open dual contact	On non-ferrous m.: 6 mm		
<b>CLH-L2D- r</b>	Dual contact closed with magnet in secure position	On ferrous mat.: 4 mm	3 mm	Sensor+Magnet: 1 pcs
<b>CLH-L2S- r</b>	Closed/Open dual contact	On non-ferrous m.: 6 mm		

**NOTE:** Embedded EOL resistors: *r* Ohm in series, *r* Ohm in parallel.  
Substitute the required resistor value to the letter "r" to get the correct ordering code.

### Technical features



#### CASE

Anodized aluminum case, stainless steel armored sheath

#### MAGNET

Neodimium

#### POTTING

Fully potted

#### ELECTRICAL CONTACT

Dual contact closed with magnet in secure position (mod. CLH-L2D)  
Closed/Open dual contact (mod. CLH-L2S)

#### ELECTRICAL PARAMETERS

30 VDC max, 250 mA, 0.25 W

#### TERMINALS

100cm 6x0.33 flying lead  
90cm stainless steel sheath D.ext. 7.6mm

#### RESISTANCE TO MECHANICAL SHOCKS

Up to 100g acceleration

#### SECURITY

Compatible w/ Grade 3 EN 50131-2-6

#### ENVIRONMENTAL CLASS

Compatible w/ Class IV EN 50131-2-6