



# MECHANICAL ACCESSORIES

COMPLIMENTARY EQUIPMENT 158

AUXILIARY AND SAFETY DEVICES 160

## COMPLIMENTARY EQUIPMENT



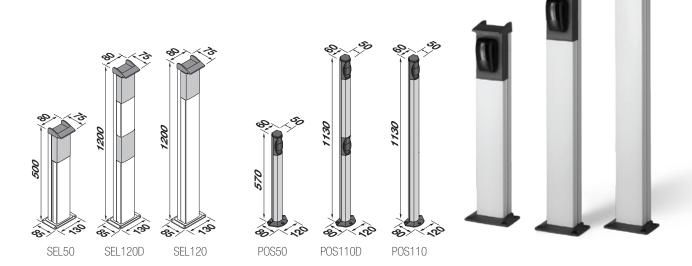
A correctly installed system guarantees safety and reliability.

The installation must be carried out in conformity with the local standards and regulations in force and it therefore follows that all the components which make up the installation must be of high quality and also conform to these requirements. We advise you therefore to use Cardin electronic appliances to complete your installation.

The Cardin accessories are designed to enhance the performance of our appliances and are made of top quality materials in order to guarantee a long operating life and maintain the aesthetic characteristics throughout time.

All the accessories bearing the Cardin trademark are built specifically for use in automatic opening installations.

Systems such as the safety edges have been tested in order to guarantee ample safety margins in all situations.

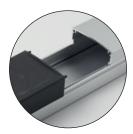




SELMEC MOUNTED ON A SEL120 COLUMN



FACTORY SET FOR THE APPLICATION OF CARDIN PHOTOELECTRIC CELLS AND SELECTOR SWITCHES



MODULAR STRUCTURE FASILY RECONDITIONED



IMPACT-RESISTANT
MODULAR BASE PLATE



ELECTRIC LOCKS



#### **INTERNATIONAL WARNING SIGN**

in PP, multi-language. It is good practise to fit warning signs to your automatic installations and these should be placed where they can be easily seen.

#### **SECTIONAL COLUMNS**

Sectional columns to which all the CDR, SEL, APRO, VEDO and PASSO products can be fitted. They allow the installation of photoelectric cells and selector switches. The aluminium sectional structure makes them easy to reinstate after accidental knocks and bangs.

#### 500mm COLUMN

for 1 surface-mounted or embedded photoelectric cell.

#### 1200mm COLUMN

for a selector switch or keypad.

#### 1200mm COLUMN

for 2 surface-mounted or embedded photoelectric cells.

#### **FASTENING BASE**

Fastening base for columns SEL50, SEL120, SEL120D.

#### 2 x 570mm COLUMNS

in anodized aluminium, one section for APRO/VEDO and PASSO).

#### 1130mm COLUMN

in anodized aluminium, one section for APRO/VEDO and PASSO.

#### 1130mm COLUMN

in anodized aluminium, two sections for APRO/VEDO and PASSO.

#### **FASTENING BASE**

Fastening base for columns POS50 - POS110 and POS110D.

#### **ELECTRIC LOCKS 12V**

complete with accessories for the series BL - HL

#### **ELECTRIC LOCK**

Vertical/horizontal electric locking device

#### RIGHT FITTING ELECTRIC LOCK

with internal/external cylinder.

#### LEFT FITTING ELECTRIC LOCK

with internal/external cylinder.

#### **ELECTRIC LOCK**

rotating locking system without cylinder (European profile).

#### **6-WIRE SPECIAL CONNECTING CABLE**

100m (supplied on a special spool).





**SEL120** 

SEL120D

**SELFIX** 

**POS50** 

P0S110

P0S110D

**POSFIX** 

**ELV** 

XLSE10DX

XLSE10SX

XLSE12

CABPC100ST

















### AUXILIARY AND SAFETY DEVICES



#### FOR SWING GATES, SLIDING GATES AND GARAGE DOORS

The safety edge is made up of a rubber profile with elastic impact absorption and an aluminium profile, which is fixed to the column or the gate and acts as a support for the safety edge. Its operating principle is based on detection (active along the entire length of the safety edge), via the crushing pressure applied by an obstacle or a mass that is located within the operating sphere of the closing device that is fitted with the protection. The deformation of the rubber profile causes the safety edge to create a contact, which is then sent (by cable or by radio) to a control centre, which in turn activates a STOP command.

#### Active mechanical safety edge with an N.C. contact for sliding gates / swing gates

The mechanical safety edge is used as a safety device in installations with automatic sliding gates with horizontal movement and on other closing device installations (hinged gates etc.), where there is a real risk of crushing or trapping.

Operation of the device is guaranteed by 2 micro-switches. Both of them intervene when the safety edge and/or the pliable end caps are deformed.

#### Safety edge for garage doors N.C. contact

This mechanical device is an extremely versatile safety edge in aluminium that can be fitted to overhead garage doors, rolling shutters and other industrial closing devices. The edges are fitted with sealed micro-switches and have a series of accessories permitting a variety of combinations and uses.

#### Low profile / high profile passive edge

Although it is not to be considered a safety device due to the absence of an electrical contact, the passive edge has the same dimensions and mechanical protective characteristics as the active safety edge and does supply valid absorption protection against impact. The low profile edge, which works as simple impact protection, is suitable for closing devices where passing room is limited.

#### Conductive safety edge $8,2k\Omega$ contact

The safety edges are used to eliminate the risk of crushing or shearing caused by sliding doors, bulkheads, automatic gates etc. and respect the requirements of the impact curve as stipulated in EN12453. The edges are made up of a C-shaped aluminium support and a PVC profile in which a safety sensor has been inserted. When the profile is deformed or crushed the two metal contacts of the sensor come into contact causing the alarm situation. The ample height of the rubber profile and the insert in conductive rubber allow rapid intervention times fully respecting the standards and regulations in force.







SAFETY EDGE FOR GARAGE DOORS N.C. CONTACT



TOTAL PROTECTION



HIGH PROFILE PASSIVE EDGE



LOW PROFILE PASSIVE EDGE



CONDUCTIVE SAFETY EDGE 8.2kO CONTACT



#### MECHANICAL AUXILIARY DEVICES FOR SWING / SLIDING GATES

High profile 61mm - contact output N.C. - colour black.

1.6-METER MECHANICAL EDGE CONTACT N.C.

2-METER MECHANICAL EDGE CONTACT N.C.

2.5-METER MECHANICAL EDGE CONTACT N.C.

3-METER MECHANICAL EDGE CONTACT N.C.

NC8K2L16N
NC8K2L20N
NC8K2L25N
NC8K2L30N



#### MECHANICAL AUXILIARY DEVICES FOR GARAGE DOORS

Low profile 26mm - contact output N.C. - colour black.

0.7-METER MECHANICAL EDGE CONTACT N.C.

1-METER MECHANICAL EDGE CONTACT N.C.

1.2-METER MECHANICAL EDGE CONTACT N.C.

1.8-METER MECHANICAL EDGE CONTACT N.C.

GARAGE DOOR EDGE RIGHT/LEFT END CAPS

**GARAGE DOOR EDGE RIGHT/LEFT CORNER PIECES** 

BBASL07	'N
BBASL10	N
BBASL12	N.
BBASL18	N
BBASDSTA	۱P
BBASDSAN	G



### PASSIVE AUXILIARY DEVICES FOR SWING AND SLIDING GATES

High profile 70mm / low 30mm - colour black.

2-METER PASSIVE IMPACT EDGE (PROFILE 70mm)

3-METER PASSIVE IMPACT EDGE (PROFILE 30mm)

4-METER PASSIVE IMPACT EDGE (PROFILE 30mm)

**5-METER PASSIVE IMPACT EDGE (PROFILE 30mm)** 

BP20BL
CP30BL
CP40BL
CP50BL



#### SAFETY DEVICES $8,2k\Omega$ for swing and sliding gates

High profile 95mm / low 61mm - contact  $8,2k\Omega$  with maximum detection speed 12 m/min - colour black

**1.6-METER CONDUCTIVE SAFETY EDGE (PROFILE 95mm)** 

**2-METER CONDUCTIVE SAFETY EDGE (PROFILE 95mm)** 

**2.5-METER CONDUCTIVE SAFETY EDGE (PROFILE 95mm)** 

**1.6-METER CONDUCTIVE SAFETY EDGE** (PROFILE 61mm)

**2-METER CONDUCTIVE SAFETY EDGE** (PROFILE 61mm)

**2.5-METER CONDUCTIVE SAFETY EDGE (PROFILE 61mm)** 

BSH95L16
BSH95L20
BSH95L25
BSH61L16
BSH61L20
BSH61L25