

COLDTECH



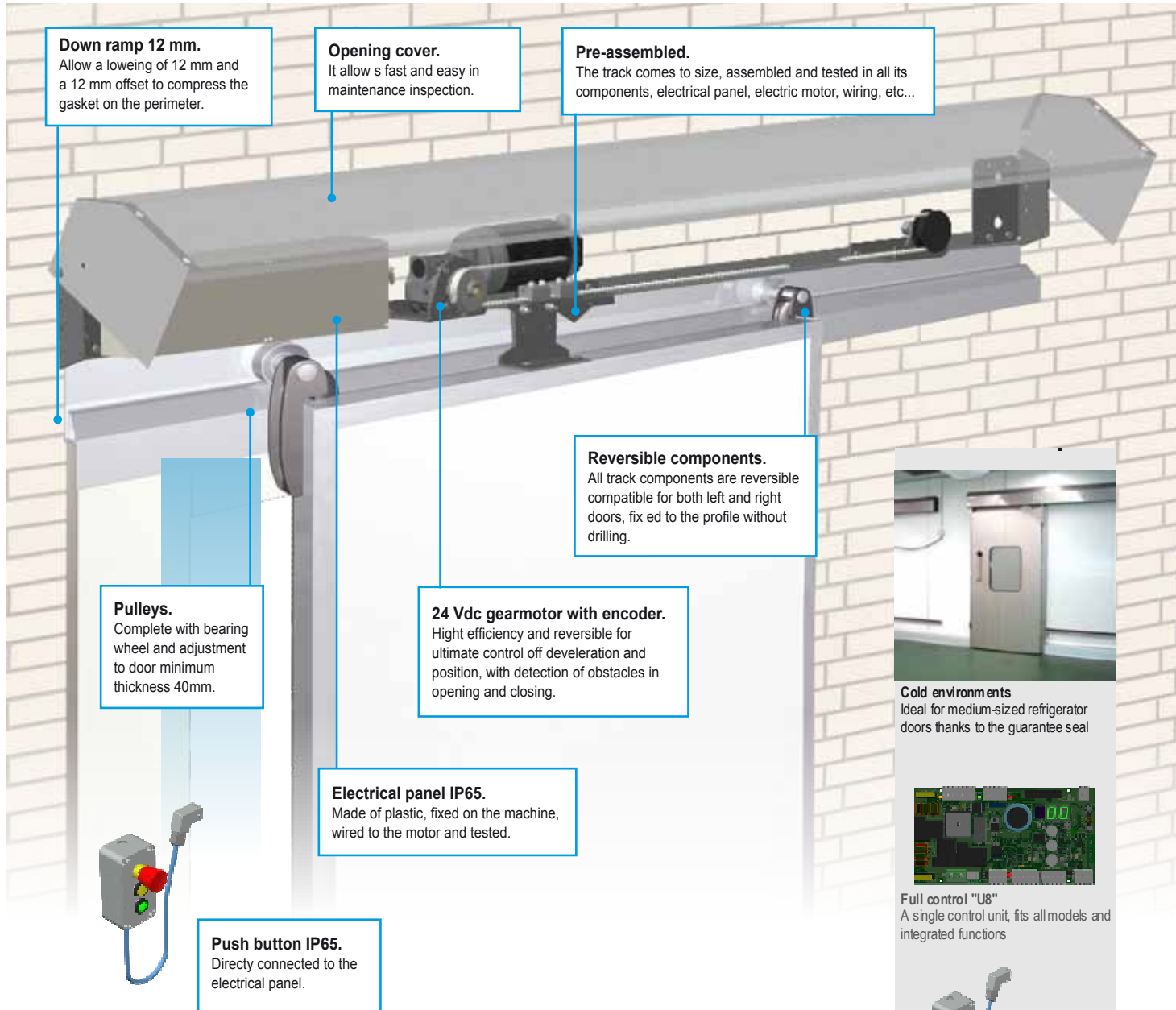
Componenti automazione
Automation components
Composants automation
Componentes automatización



Automation system 148 designed for cold room doors WITH FRAME

200 Kg
0.28 m/''

400 Kg
0.28 m/''



Down ramp 12 mm.
Allow a lowering of 12 mm and a 12 mm offset to compress the gasket on the perimeter.

Opening cover.
It allows fast and easy maintenance inspection.

Pre-assembled.
The track comes to size, assembled and tested in all its components, electrical panel, electric motor, wiring, etc...

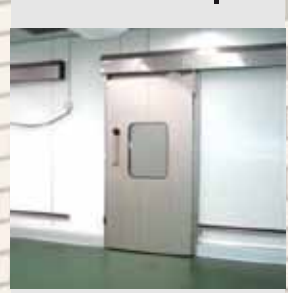
Reversible components.
All track components are reversible compatible for both left and right doors, fixed to the profile without drilling.

Pulleys.
Complete with bearing wheel and adjustment to door minimum thickness 40mm.

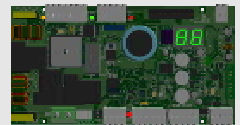
24 Vdc gearmotor with encoder.
High efficiency and reversible for ultimate control of deceleration and position, with detection of obstacles in opening and closing.

Electrical panel IP65.
Made of plastic, fixed on the machine, wired to the motor and tested.

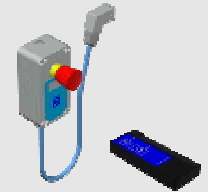
Push button IP65.
Directly connected to the electrical panel.



Cold environments
Ideal for medium-sized refrigerator doors thanks to the guarantee seal



Full control "U8"
A single control unit, fits all models and integrated functions



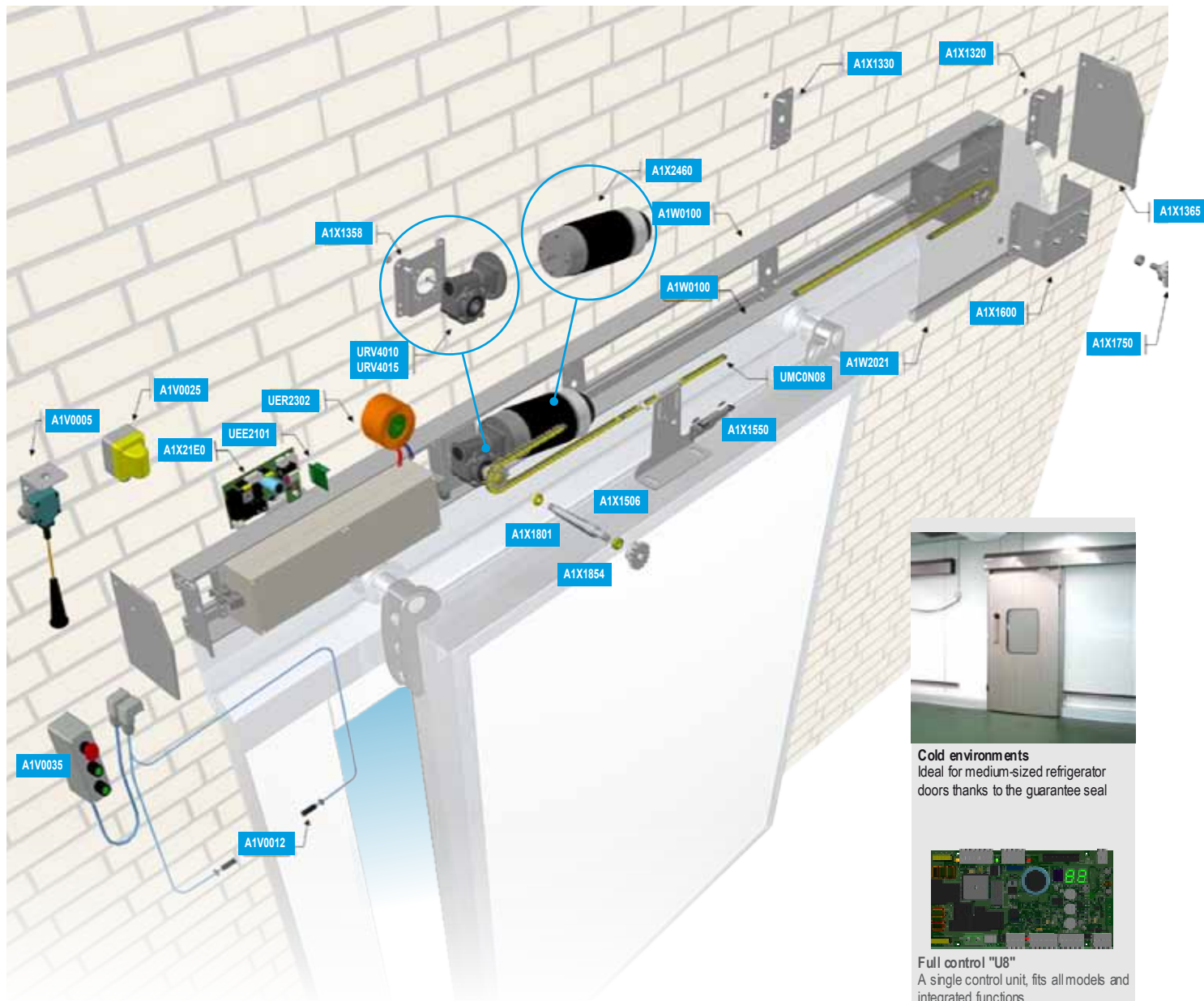
Remote programmer
Ability to remotely program all functions of the door without opening the electrical panel

Advantages of a 24 Vdc automation

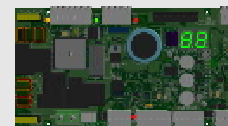
- **Obstacle detection** the 24 Vdc electronics constantly analyzes the proper functioning of the door by operating the reversal of the movement, in the event of contact with any obstacles
- **Anti black-out** in case of absence of electrical energy, the control unit 24Vdc activates the emergency batteries to open and close the door
- **Fast openings** the 24 Vdc electronics allows fine adjustment of the operating speed and a combination of smooth and quiet door



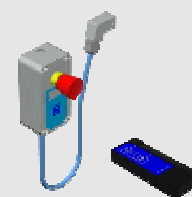
Kit with chain (belt) holder profile WIRED



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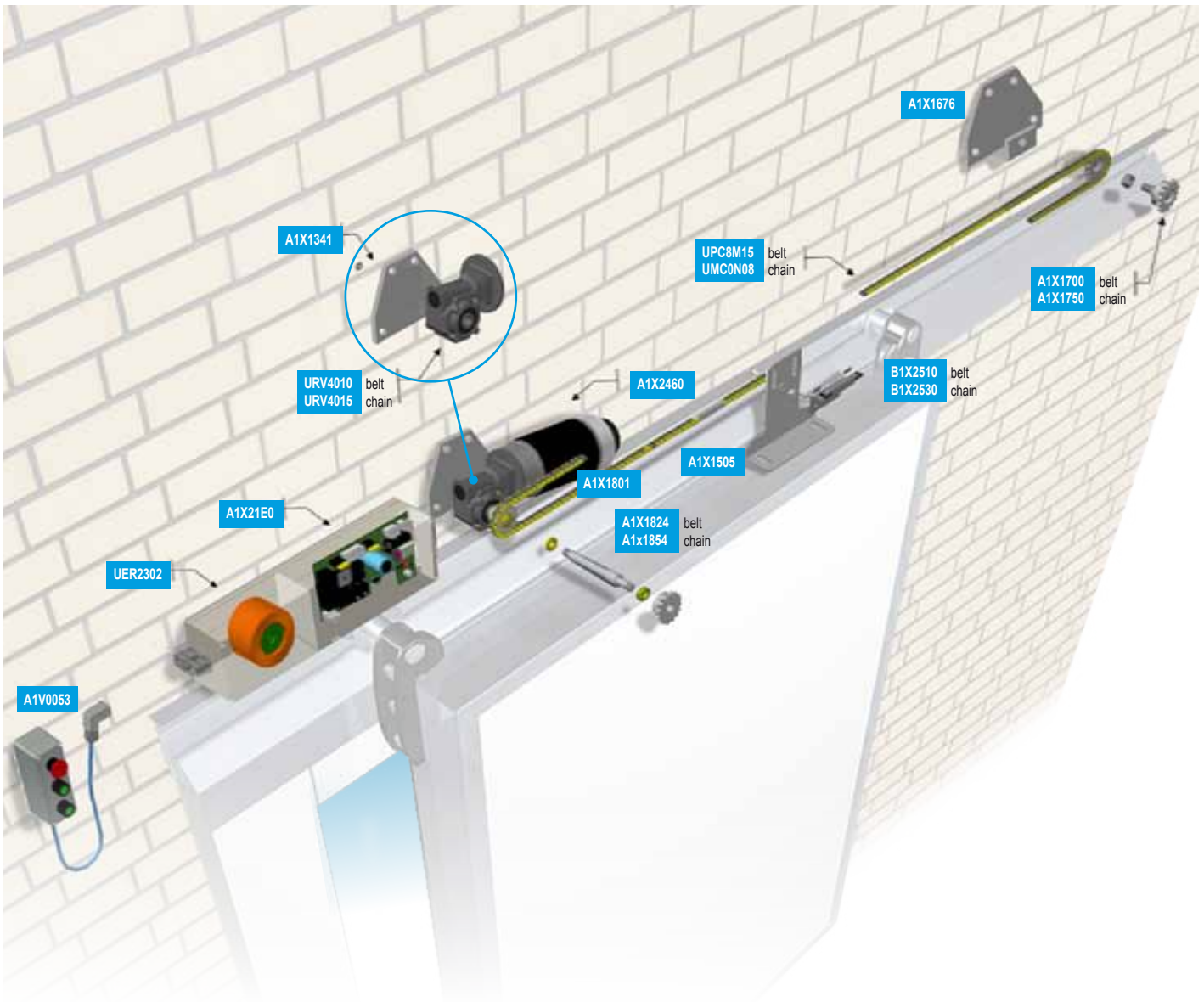


kit without chain (belt) holder profile WIRED



A1X1412 belt

A1X1414 chain

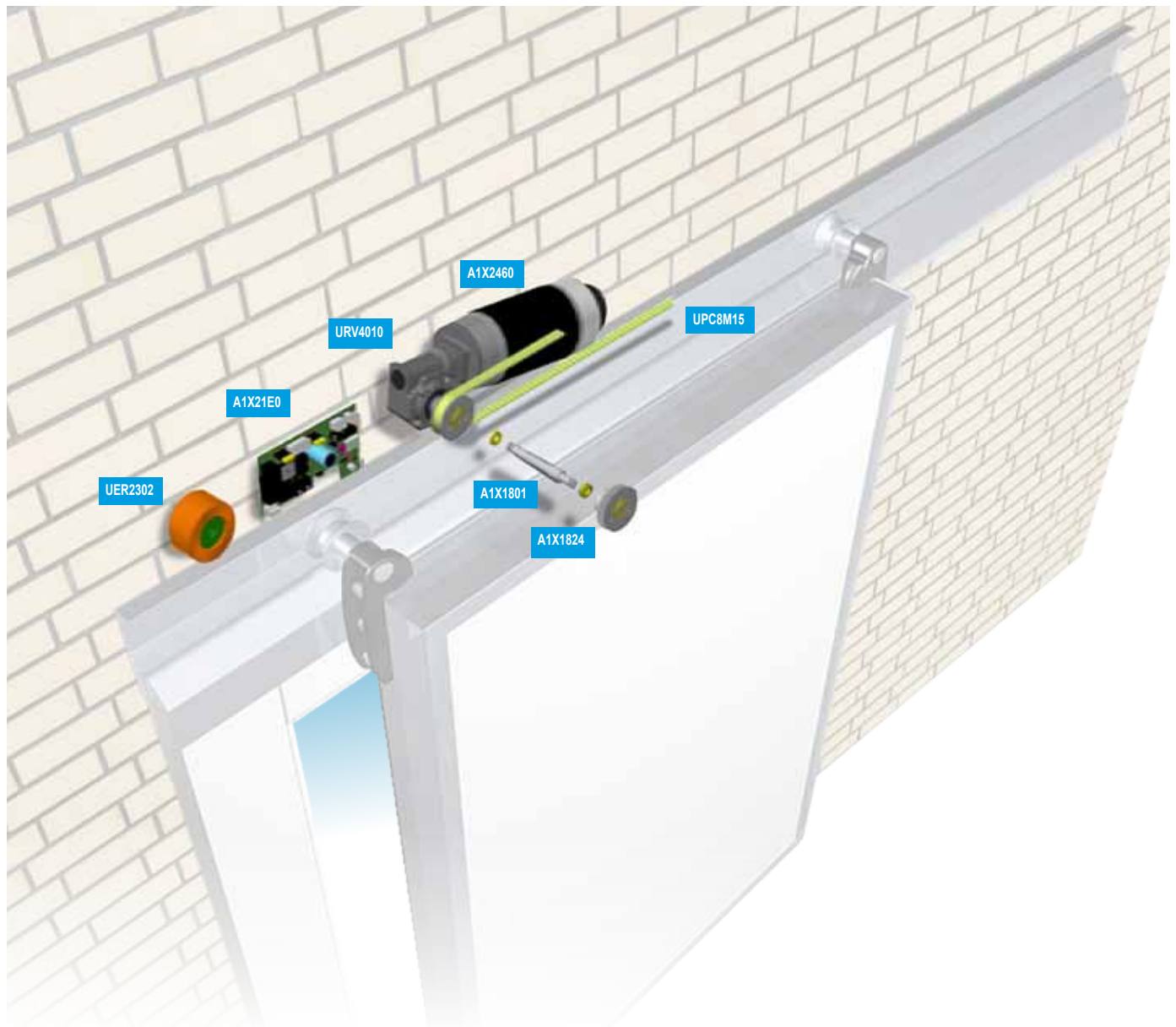


Advantages of a 24 Vdc automation

- **Obstacle detection** the 24 Vdc electronics constantly analyzes the proper functioning of the door by operating the reversal of the movement, in the event of contact with any obstacles
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Kit Motor and electronic components NOT WIRED



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Mechanical components

URV3010 Worm gearbox ratio 1:10

URV3015 Worm gearbox ratio 1:15

Aluminium alloy housing, high efficiency for A1X2450 120W motor



URV4010 Worm gearbox ratio 1:10

URV4015 Worm gearbox ratio 1:15

Aluminium alloy housing, high efficiency for A1X2460 250W motor



B1X2710

VSF complete motor shaft D=14
Motor shaft for worm gearbox URV30__
complete with self-locking ring nuts and splines
Material: stainless steel



A1X1801

VSF complete motor shaft D=19
Motor shaft for worm gearbox URV40__
complete with self-locking ring nuts and splines
Material: stainless steel



UPC8M15

Toothed belt HTD8
High-strength HTD8 profile internally reinforced with steel
Material: polyurethane in White



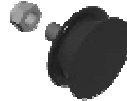
UMCON08

Roller chain 1/2"
Material: tempered steel



A1X1700

Complete idler pulley
On shielded ball bearing
Material: stainless steel and high-strength thermoplastic



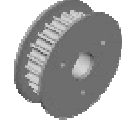
A1X1750

Complete 1/2" chain idler pulley gear wheel on shielded ball bearing
Material: galvanized steel



A1X1824

Complete motor pinion Z24
Pinion for HTD8 toothed belt
Material: stainless steel



A1X1852

Complete Z16 motor pinion
Pinion for 1/2" roller chain
Material: galvanized steel



B1X2510

Complete belt tensioner clamp HTD8
Same model for left and right-hand sliding doors
Material: galvanized steel



B1X2530

Complete chain clamp
Same model for left and right-hand sliding doors
Material: galvanized steel





Electrical components

A1V0005

Pull cord switch
complete with stainless steel bracket, cable and knob



A1V0065

RADIO pull cord switch 433 MHz
IP65 box with cable and knob, code programmable via dip switches (1024 combinations)



A1V0012

PNP Photocell kit
Infrared barrier consisting just of a pair of compact sensors with built-in electronics, complete with connector to be connected directly to control board



A1V0015

Backup battery kit 3.3 A series 147/149
backup batteries for operation in the event of a power failure



A1V0025

24Vdc flashing light
in yellow, complete with bulb and cable clamp



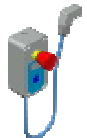
A1V0053

Standard push button
In plastic material IP65 with START, STOP and PARTIAL button



A1V0058

Push button with display
In plastic material IP65 with START, STOP and two-digit display



A1V0051

Push button with 1 start
In plastic material IP65 with START button



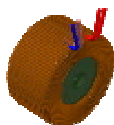
A1V0061

Wireless push button 433 MHz with 1 start
In plastic material IP65 with START button and programmable with dip-switch (1024 combinations)



UER2302

250VA 230V transformer
Double-insulated toroidal transformer insulation class B



UEE2101

433 MHz plug-in receiver
Superheterodyne radio receiver to be plugged directly into the control board



A1V0064

433 MHz four-channel remote control
IP65 plastic box, remote control, code programmable via dip switches (1024 combinations)



UEE2141

433 MHz four-channel remote control
Remote control, code programmable via dip switches (1024 combinations)



UEE2151

433 MHz wireless keyboard
Remote control, programmable code (99999 combinations)



UEE2130

Complete infrared programmer
Can be used for programming a short distance from the display without opening the electrical panel. (the display must be visible)



A1X2460

24Vdc 250W motor
Direct current electric motor with high starting torque, essential for lifting the sliding door off the ramps during opening.



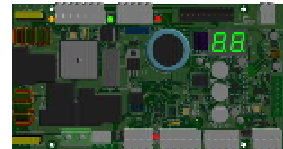
A1X2450

24Vdc 120W motor
Direct current electric motor with high starting torque, essential for lifting the sliding door off the ramps during opening.



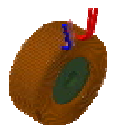
A1X21E0

24Vdc control board + display
designed to operate the 24Vdc motors, the controller includes a two-digit remote display



UER2301

150VA 230V transformer
Double-insulated toroidal transformer insulation class B





COLDTECH

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