# COMPLEMENTS FOR SLIDING DOORS

## ALUMINIUM PROFILES

**FRAMELESS**
Glass mm 10/12

**TWENTY**
Elegant lines and reduced sizes profile.
Thickness 20 mm

**SMALL**
Versatile, ideal for any automatism.
Thickness 25mm

**MAGNUM**
Strong and reliable profile for any architectural demand. Thickness 40 mm

## ARIETE

Ariete antipanic system complies security requirements, whenever the entrance is an emergency exit, in case of fire or other calamities. The system is available for partial (only sliding) or for total opening

## RD100 DUALCORE

Operator designed for emergency exits and escape routes. It contains redundant components, it has been studied to work with sensors in compliance to EN 13849-1 performance level "d" Cat.2, in order to make installation according to the European norm EN16005.

# DUALCORE

## OPERATOR FOR SLIDING DOORS

dellatorrerivoira.com

# SESAMO

INGRESSI AUTOMATICI
*AUTOMATIC ENTRANCES*

# DUALCORE

## OPERATOR
## FOR SLIDING DOORS

**DUALCORE**, the new operator for sliding doors **SESAMO**, suits any type of installation, even the heaviest one, it stands out for modular design, mechanic and electronic features that create a flexible, functional and compact sliding door system, easy to install and provided with most advanced technological solutions present in the market.

Available in models: LH100 with payload 100+100 Kg, LH140 with payload 140+140 Kg and RD100, with technology suitable for escape routes.

- Structure in aluminium with removable cover, provided by a system that keeps it open during maintenance and cleaning operations.

- New carriage with two rollers, increased diameter, adjustable

- Latest generation of control board, with integrated switching, that grants energy saving, reduced weight and size, more accelerations compared to classic toroidal transformer. **DUALCORE** technology with double microprocessor, first one upgradeable and customizable, used to manage logic parameters; second one used as safety processor with "sealed" firmware, all protected from a double self-extinguishing plastic cover

- Parameters setting directly on board by using display with push buttons. Programming Main Key for firmware upgrade and custom made solutions.

- Expansion board for additional features like LAN connection with IP address or connection to smartphone and tablet in Bluetooth mode

- Option to connect wireless logic selectors

- Release handle for manual unlocking on lateral end side

Design, test and production performed, for all **SESAMO** products, according the International standards requested in ISO 9001.
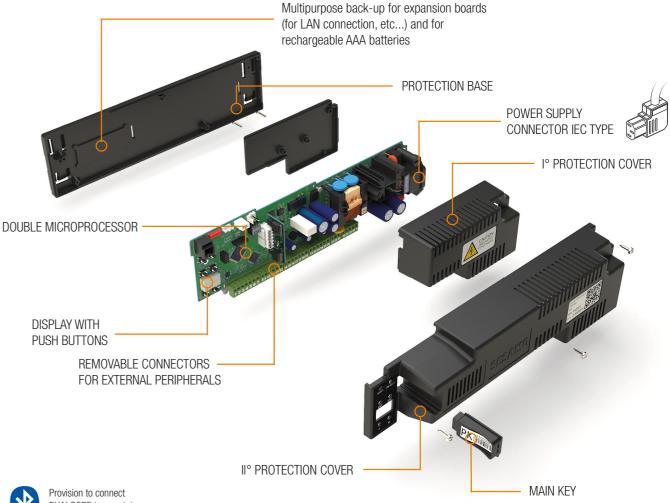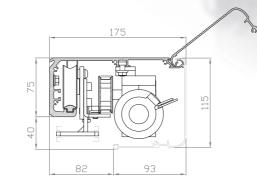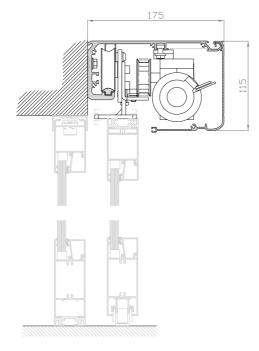
## DIMENSIONS

175
75
40
115
82
93

175
115

## TECHNICAL DATA

▶ **MAIN VOLTAGE, FREQUENCY** 230V ac 50/60 Hz ▶ **MAXIMUM OPENING SPEED** 1 wing: 70 cm/s • 2 wings: 140 cm/s ▶ **MAXIMUM CLOSING SPEED** 70% of the opening speed ▶ **POWER UNIT** 24 Vdc motor with integrated encoder ▶ **INTERNATIONAL PROTECTION** IP20 ▶ **WORKING TEMPERATURE** -10 ÷ +55°C ▶ **NORMS** EN16005, EN60335-2-103, EN13849-1, EN61000-6-2, EN61000-6-3 ▶ **OPTIONS** 6 operating logics selector; electro-mechanical lock; interlocking; emergency openig or closing; multi-functional control and connection to BMS (software not supplied); power battery back up ▶ **SAFETY** different models of sensors can be connected, also monitoring and in conformity to EN16005. Alternatively, light barriers (photocells) with integrated amplifier on control board ▶ **CONFORMITY** CE

| MODEL | WINGS | MAX. WEIGHT | CLEAR PASSAGE WIDTH | POWER CONSUMPTION | SERVICE |
|---|---|---|---|---|---|
| LH100 DUALCORE | 1 | 140 Kg* | 700÷3000 mm | 150 W | Continuous |
| LH100 DUALCORE | 2 | 100 + 100 Kg | 800÷3000 mm | 150 W | Continuous |
| LH140 DUALCORE | 1 | 160 Kg | 700÷3000 mm | 180 W | Continuous |
| LH140 DUALCORE | 2 | 140 + 140 Kg | 800÷3000 mm | 180 W | Continuous |
| RD100 DUALCORE | 1 | 150 Kg | 800÷3000 mm | 180 W | Continuous |
| RD100 DUALCORE | 2 | 130 + 130 Kg | 900÷3000 mm | 180 W | Continuous |

Multipurpose back-up for expansion boards (for LAN connection, etc...) and for rechargeable AAA batteries

PROTECTION BASE

POWER SUPPLY CONNECTOR IEC TYPE

I° PROTECTION COVER

DOUBLE MICROPROCESSOR

DISPLAY WITH PUSH BUTTONS

REMOVABLE CONNECTORS FOR EXTERNAL PERIPHERALS

II° PROTECTION COVER

MAIN KEY

Provision to connect DUALCORE to smartphone and tablet using Bluetooth