



Fire resistant metal doors
NF 277 - N° 44

DIVA 
FIRE-RATED

Fire resistant automatic sliding door

A safety fire-resistant solution suitable for public places with heavy traffic flow such as retail, health care, leisure.

In compliance with EN 1634-1 and 13501-2 standards.

- \\ INNOVATIVE AND EFFICIENT
- \\ POWERFUL MOTOR
- \\ CLASS EI2-30 DOOR UNIT


PORTALP
Automatic Doors & Building Access Control

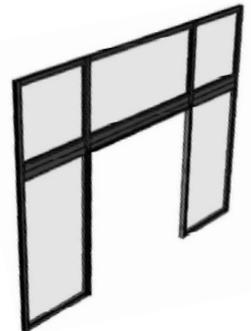
Safety and elegance combined with strength and performance.



Fire door panels can be combined :

- one sliding door panel (to the right or to the left),
- two sliding door panels (central opening),
- with or without fixed panels,
- on a lightweight and fire resistant partition (fire-rated).

Lightweight partition version with transoms.



The door unit is installed on a single supporting frame

Integrated fire seals provide efficient fire containment

Reduce fire spread for 30 minutes

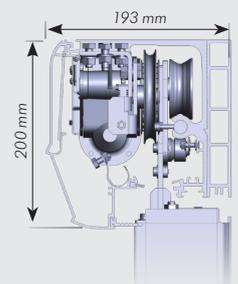
Reliable and controlled closure in the event of a fire alarm detection

The door is equipped with a Controlled Gravitational Energy (CGE) system.

In the event of a fire, it will mechanically shut down thanks to a counterweight, without needing any electrical source.

The door closes at controlled speed, continuously monitoring the counterweight connecting cable.

Controlled counterweight downhill



The driving mechanism is protected within a rugged compartment.

Smartphone access control



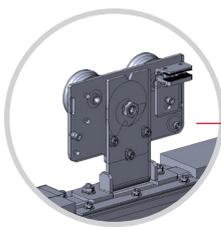
- Available in your own language
- Intuitive navigation
- Direct mode selection
- User friendly
- Low Energy Bluetooth
- Dedicated app (iOS and Android)



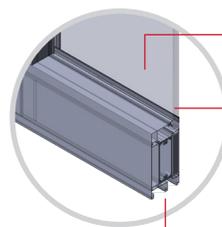
DIVA RS FIRE-RATED FEATURES

Designed to prevent the spread of fire flames

Rugged fire-resistant door panels



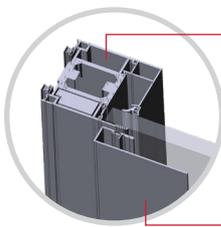
Roller carriages design for heavy-duty panels



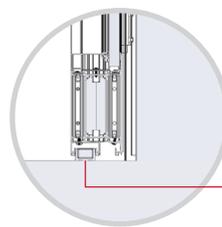
Interior/exterior glaze pane easy to install

High fire-resistance performance panes

Inner/outer guides integrated into the frame



3-chamber profile with thermal struts



Door panel guide shoe

Partition cladding

Wire fire detector alarms



Connecting a fire alarm DAS 2 fire detection interface Board.



Manual release
Door panels immediately close upon manual emergency activation.

THE SAFETY AND THE RELIABILITY OF AN AUTOMATIC DOOR

Robust and advanced operator



Switch-mode power supply
Independent from supply voltage, parasite filtering, and low consumption.



Output extension board
Flexible output module which will fit and customize your devices.



Brushless Motorization
Long-lasting lifetime, quiet, fluent and safe door panel guidance.



Security / device CAN bus
Easy to wire, constant communication, fault detector.

Safe & Secure Activation



When passing through
Activation & Safety Sensor combining presence detection and closing zone monitoring.

When opening
Secures the door leaves' rollback zone.



SPECIFICATIONS FIRE-RATED DIVA RS



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FIRE RESISTANT DOOR UNIT

| FIRE RESISTANT DOOR UNIT | | SLIDING |
|--|--------|--|
| Installation | | Bracket / with or without frame / with or without transom |
| Installation structure | | Lightweight aluminum frame fire resistant partition ⁽¹⁾ or aerated concrete |
| Glass panels | | Aluminum frame and Contraflam® 30 panes (VSGI Saint-Gobain®) |
| Fire rating | | EI2-30 |
| Reinforced header | | H 200 x 193 mm |
| Min/max passing width ⁽²⁾ | Single | 730 / 1550 mm |
| | Double | 1270 / 2400 mm |
| Min/max passing height | | 1900 / 2500 mm |
| Max transom height for lightweight partition | | 500 mm |

⁽¹⁾ Subjected to fire inspection. ⁽²⁾ Limit with counterweight on passage width < passage height - 700 mm

PERFORMANCE

| | | |
|---|--------|---|
| Max. panel weight with CGE fire shutting ⁽³⁾ | Single | 1 x 200 kg |
| | Double | 2 x 100 kg / 2 x 200 kg ⁽⁴⁾ |
| Opening speed | | Single : 10 to 80 cm/s - Double: 20 to 160 cm/s |
| Closing speed | | Single : 10 to 80 cm/s - Double: 20 to 160 cm/s |
| Delay, remaining open | | until 60 s |
| Opening force | | 5,5 to 15 daN |
| Closing force | | 5,5 to 15 daN |

⁽³⁾ Controlled Gravitational Energy (CGE) ⁽⁴⁾ Reduced performance

ELECTRICAL ENVIRONMENT

| | |
|---|--|
| Universal power supply | 50-60 HZ, 90-250 V ±10 % grounded power supply, bipolar insulation |
| Max. / avg. absorbed power | 140 W / 55 W |
| Motor voltage / auxiliary power supply | 40 Vcc / 15 Vcc (25 W) |
| Activated device of safety (DAS) control module | by transmission or break circuit 12 V / 24 V / 48 VDC |
| Backup battery | 12 V (2,1 Ah) |
| Relative humidity level | 10 % to 93 % without condensation |
| Operational temperature | - 20 °C / + 60 °C |

STANDARDS

| | |
|------------------------|--|
| European directives | Electromagnetic compatibility: 2014/30/EU directive, machines: 2006/42/EC directive, radio: 2014/53/EU directive |
| EN 61000-6-3 | EMC : emissions for residential, commercial and light industry environments |
| EN 61000-6-2 | EMC : immunity for industrial environments |
| EN 60335-1/-2-103 | Home appliance and analog device safety |
| EN 16005 | Motorized door units for pedestrians : usage safety |
| EN 1634-1 / EN 13501-2 | Fire resistance for construction products and elements |
| NFS 61937-1 and -3 | Operated safety mechanisms |

EQUIPMENT / CONTROLS / SAFETY / FINISHES

| | | | |
|--|---|--|---|
| Activated device of safety (DAS) control module | ● | Battery backup | ● |
| Manual release | ● | Autodoor Pilot smartphone app (Android / iOS / Huawei) | ● |
| CGE fire closing mechanism | ● | NAVIBLU CAN dashboard | ○ |
| Electromechanical locking | ○ | Infrared NAVIBLU remote | ○ |
| Manual interior emergency unlocking | ○ | 6-position key selector (with Reset) | ○ |
| Manual exterior unlocking (on fixed panel or jamb) | ○ | Input module (NO/NC/Frequency) | ○ |
| Radars (NO, NC, frequency) | ○ | Output module (2 relays) | ○ |
| Monitored safety curtains | ○ | RAL finish, anodized silver/color | ● |

● Series ○ Option



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Certified Management System