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## VX 7030.263 Doors for VX IT

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FRIEDHELM LOH GROUP



# VX 7030.263 - Doors for VX IT for Automatic Door Opening (ADO)

Glazed and sheet steel doors VX IT, with vent flaps for automatic opening in the event of an alarm



## Features

|                     |  |
|---------------------|--|
| Model No.           | VX 7030.263  |
| Design              | Viewing panels: Single-pane safety glass, tinted<br>Spring damper for flap opening<br>Magnets for fixing the flaps<br>Valves are open at zero current<br>Glazed door: 2x single-pane safety glass, tinted one-part, with vent flaps<br>Frame: Extruded aluminium section |
| Product description | With integral vent valves for automated opening function in the event of an alarm or power failure. The glazed door for the Automatic Door Opening System replaces the standard VX IT door.  |

# Features

|                                     |  |
|-------------------------------------|--|
| Benefits                            | Supports remote control via the CMC III system<br>Tinted single-pane safety glass ensures a high standard of safety<br>Combining the vent flaps with a tubular door frame creates exceptional stability<br>The vent flaps only protrude into the escape route by 200 mm<br>No adjustment to the lock system required<br>Manually opening the door has no influence on the vent flaps<br>Automatic opening of the vent valves in the event of a power failure |
| Technical specifications            | External projection of the vent flap: 200 mm (when opened)<br>Internal projection of the mechanism: 52.5 mm<br>Door hinge: right (for one-piece doors, may be swapped from right to left)<br>Connection cable from door catch: 2.5 m   |
| Function principle                  | Activation via CMC III door control module (DCM)<br>Automatic, mechanical opening of the integral vertical ventilation flaps in an emergency if the cooling system fails or an extinguishing system is activated<br>Depending on the room volume and temperature, the air inside the room is used for emergency cooling, or the extinguisher gas may flow directly into the IT enclosures<br>The front and rear doors of the ADO system must always be used  |
| Material                            | Frame: Extruded aluminium section<br>Viewing panels: Single-pane safety glass, tinted  |
| Supply includes                     | Glazed door with comfort handle for semi-cylinders with security lock 3524 E   |
| With DC                             | 0,78 A   |
| Dimensions                          | Width: 800 mm<br>Height: 2,000 mm  |
| IP protection category to IEC 60529 | IP 20 for solid vent flaps   |
| Packs of                            | 1 pc(s).   |
| Net weight                          | 40 kg  |
| Gross weight                        | 42 kg  |
| Customs tariff number               | 94039910   |
| ETIM 9                              | EC002510   |

# Features

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ECLASS 8.0

27180101

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Product description

VX IT aluminium glazed door (ADO), WxH: 800x2000, 2x single-pane safety glass, without foil

# Tender text

Glazed door VX IT

for Automatic Door Opening (ADO),  
1-piece, with vent flaps.

The glazed door is suitable for  
mounting on VX IT racks.

The aluminium door incorporates two vent flaps,  
which are opened by way of 6 spring dampers.

In addition, a further 6 mechanical springs  
increase the primary opening forces to overcome  
any underpressure acting on the door.

The vent flaps are held closed  
by 6 electromagnets.

In case of a power failure, the vent flaps open  
automatically.

To enable door operation, the glazed door must be  
connected to a door control module 7030.501.

The power supply to the door is likewise via the  
door control module.

Via the control module, the vent flaps can be  
opened in case of excessive temperatures  
in the rack.

The rack can thus be cooled by way of the room air  
if the cooling system fails.

The vent flaps are also useful in connection with a  
room extinguisher system, as extinguisher gas  
can flow directly from the room into the rack.

Technical specifications:

Rated voltage: 24 V DC

Rated current: 780 mA

External projection of the vent flap:

200 mm (when opened)

Internal projection of the mechanism:

52.5 mm

Protection category: IP 20 to EN 60 529

with the vent flaps closed

Operating temperature range:

-5 °C to +45 °C

Operating humidity range:

5% to 95% relative, non-condensing

WH: 800x2000 mm

Material, door frame: Extruded aluminium section

Material, vent flaps:

Single-pane safety glass, tinted, with frame

Supply includes 2.5 m connection cable,  
comfort handle VX for semi-cylinder

Pack = 1 pc.