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## VX 7030.273 Doors for VX IT

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FRIEDHELM LOH GROUP

# VX 7030.273 - 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 7030.273
Design	Viewing panels: Single-pane safety glass, tinted Spring damper for flap opening Magnets for fixing the flaps Valves are open at zero current With sheet steel door one-part, with vent flaps Frame: Sheet steel
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	<p>Supports remote control via the CMC III system</p> <p>Tinted single-pane safety glass ensures a high standard of safety</p> <p>Combining the vent flaps with a tubular door frame creates exceptional stability</p> <p>The vent flaps only protrude into the escape route by 200 mm</p> <p>No adjustment to the lock system required</p> <p>Manually opening the door has no influence on the vent flaps</p> <p>Automatic opening of the vent valves in the event of a power failure</p>
Technical specifications	<p>External projection of the vent flap: 200 mm (when opened)</p> <p>Internal projection of the mechanism: 52.5 mm</p> <p>Door hinge: right (for one-piece doors, may be swapped from right to left)</p> <p>Connection cable from door catch: 2.5 m</p>
Function principle	<p>Activation via CMC III door control module (DCM)</p> <p>Automatic, mechanical opening of the integral vertical ventilation flaps in an emergency if the cooling system fails or an extinguishing system is activated</p> <p>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</p> <p>The front and rear doors of the ADO system must always be used</p>
Material	<p>Frame: Sheet steel</p> <p>Viewing panels: Single-pane safety glass, tinted</p>
Colour	RAL 7035
Supply includes	Door with comfort handle for semi-cylinders with security lock 3524 E
With DC	0.78 A
Dimensions	<p>Width: 800 mm</p> <p>Height: 2,000 mm</p>
IP protection category to IEC 60529	IP 20 for solid vent flaps
Packs of	1 pc(s).
Net weight	42 kg
Gross weight	46 kg
Customs tariff number	94039910

# Features

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ETIM 9	EC000747
ECLASS 8.0	27180101
Product description	VX IT sheet steel door (ADO), WxH 800x2000, RAL7035, 2x single-pane safety glass, foil

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# Tender text

1-piece, with vent flaps.

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

The sheet steel 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: Sheet steel, RAL 7035

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.