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VX 7030.282
Doors for VX IT

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FRIEDHELM LOH GROUP

VX 7030.282 - 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 7030.282
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 2-part, vertically divided, 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.

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Features

Benefits	Supports remote control via the CMC III system Tinted single-pane safety glass ensures a high standard of safety Combining the vent flaps with a tubular door frame creates exceptional stability The vent flaps only protrude into the escape route by 200 mm No adjustment to the lock system required Manually opening the door has no influence on the vent flaps 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) Internal projection of the mechanism: 52.5 mm Door hinge: right (for one-piece doors, may be swapped from right to left) Connection cable from door catch: 2.5 m
Function principle	Activation via CMC III door control module (DCM) Automatic, mechanical opening of the integral vertical ventilation flaps in an emergency if the cooling system fails or an extinguishing system is activated 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 The front and rear doors of the ADO system must always be used
Material	2-part, vertically divided, with vent flaps Frame: Sheet steel Viewing panels: Single-pane safety glass, tinted
Colour	RAL 7035
Supply includes	Door with comfort handle for semi-cylinders with security lock 3524 E
With DC	0.78 A
Dimensions	Width: 600 mm Height: 2,000 mm
IP protection category to IEC 60 529	IP 20 for solid vent flaps
Packs of	1 pc(s).
Net weight	40.262 kg
Gross weight	42.275 kg

Features

Customs tariff number	94039910
ETIM 9	EC002510
ECLASS 8.0	27180101
Product description	2-part VX IT sheet steel door (ADO), WxH 600x2000, 2x single-pane safety glass, foil

Tender text

Glazed door VX IT
for Automatic Door Opening (ADO),
2-piece, vertically divided, 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

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WH: 600x2000 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.