delvalle®

Enclosures & Cabinets for Special Requirements

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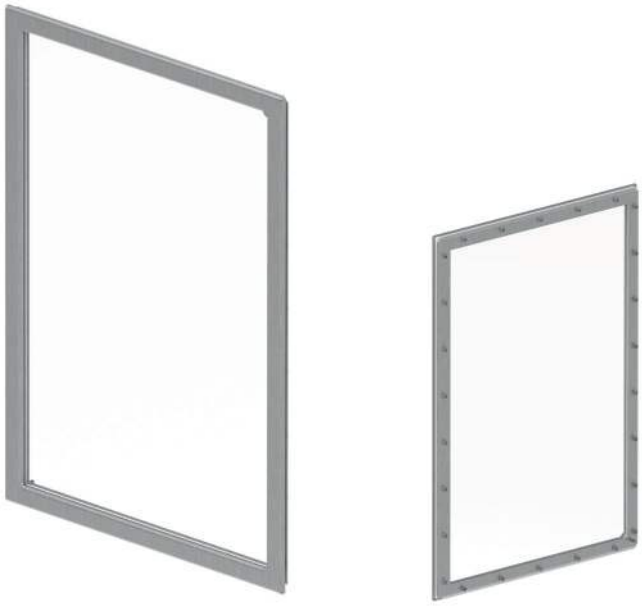
OBSERVATION WINDOW

certified ATEX & IECEx and UL Type 4x



v. 1.0/25



WE PUT AT YOUR DISPOSAL

We offer over **40 years** providing solutions to demanding customers who require very specific characteristics and behaviour according to the sector and their needs.

WHEREVER YOU GO

We are committed to working closely with our customers, providing them with **exceptional service** and offering an advanced and extensive range of products with very competitive prices.

HIGH STANDARD OF QUALITY AND SERVICES

We only use materials provided by companies who offer the very **highest quality**, suitable and certified products. Our success is due to top quality assurance: ISO 9001, SGS, UL, TÜV, ISO 14000 and Ohsas 18001.

CUSTOMIZE TOTALLY YOUR ENCLOSURE

Our production systems can give custom-made solutions **on demand.** Every colour from RAL chart is available to be personalized. A variety of protection standards thanks to our own painting facilities.

CONTACT US

Confidentiality, reliability & quality

Please contact our technical sales department.

A team of professionals with high experience and ability to solve all your queries.



ALSO ONLINE

OBSERVATION WINDOW

certified ATEX & IECEx and UL Type 4x



Example

Visibility and control without compromising security

Windows made of tempered glass with ATEX & IECEx and UL Type 4X certifications. These windows are the ideal accessory for safely inspecting the interior of your electrical installations from the outside, without the need to open doors.

They are easy to install by fitting them into enclosure cutouts and securing with nuts and washers. Designed for use with increased safety enclosures for Zone 1 or Zone 2 assemblies, they are compatible with our Tribeca UL, Luxor UL, Tribex, and Luxorex enclosure series. Suitable for both indoor and outdoor applications, these windows provide high impact resistance and durability.

CLICK HERE FOR MORE INFORMATION



Observation window certified ATEX & IECEx and UL Type 4x



Example



TECHNICAL CHARACTERISTICS

The windows are constructed with a stainless steel frame and tempered glass, ensuring exceptional durability, versatility, and suitability for a wide range of environments.

- Temperature Range: -45 °C ≤ Ta ≤ 135 °C.
- Type 4X Certification: Ensures suitability for outdoor installation and provides a high level of watertightness. Ideal for Tribeca UL and Luxor UL enclosures.
- Explosive Atmospheres: Certified for use in explosive atmospheres classified as Zones 1, 2, 21, and 22. Recommended for use with Tribex or Luxorex series enclosures.

OPTIONS

- Customized Sizes: Available in a variety of dimensions to fit your requirements.
- Enhanced Protection: Designed for use in enclosures with specific protection modes.
- Control Stations: Can be used for maneuvering operations, integrating certified components for connection, control, and signaling.
- Intrinsically Safe Circuits: Suitable for connection of intrinsically safe circuits, though not for combined use with non-intrinsically safe circuits.

ADVANTAGES

- ATEX & IECEx Certified Component: Provides compliance and safety in hazardous environments.
- Corrosion Protection: Guaranteed long-term resistance to harsh conditions.
- Durability: Withstands aggressive ATEX & IECEx environments.
- Ground Connection: Equipped with an integrated grounding insert.
- High-Quality Silicone Gasket: Resistant to extreme temperatures (-45 °C to +135 °C).

PROTECTION MODE

OW windows are certified for use in potentially explosive atmospheres in Zones 1, 2, 21, and 22 under ATEX & IECEx standards. They can be used with the following protection modes:

- "Ex eb" Increased Safety: Includes increased safety connection terminals.
- "Ex tb" Protection by Enclosure: Ensures protection in dust-explosive environments.

Certified Classifications:

- II 2G Ex eb IIC Gb
- II 2D Ex tb IIIC Db
- UL Type 4X

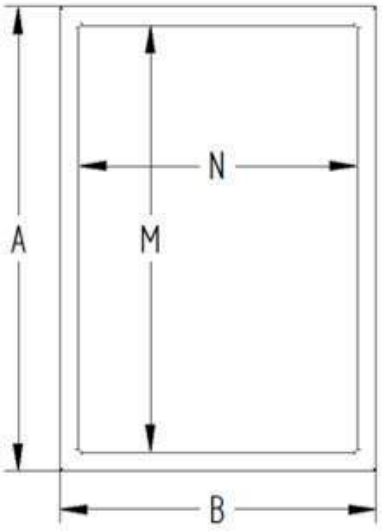
Observation window certified ATEX & IECEx and UL Type 4x

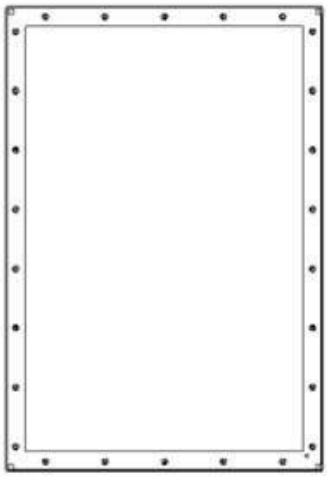
NORMATIVE COMPLIANCE

- Directive ATEX 2014/34/EU
- EN IEC 60079-0:2018
- EN IEC 60079-7:2015/A1:2018
- IEC 60079-0:2017
- IEC 60079-7:2015/AMD1:2017
- IEC 60079-31:2022
- UL 508A

PLANE

CLICK HERE TO DOWNLOAD
THE FILES CAD - PLANS - CERTIFICATES





REFERENCES	DIMENSIONS (mm)						
REFERENCE	HIGH -A-	WIDTH -B-	DEPTH	INTERIOR HEIGTH -M-	INTERIOR WIDTH -N-	GLASS THICKNESS	MACHINING
OW1940EX	190	140	32,5	125	75	6	170x120
OW2920EX	295	205	32,5	230	140	6	275x185
OW2434EX	245	345	32,5	180	280	6	225x325
OW3927EX	395	270	32,5	330	205	6	375x250
OW2444EX	245	445	32,5	180	380	6	225x425
OW4934EX	495	345	32,5	430	280	6	475x325
OW2457EX	245	575	32,5	180	510	6	225x555
OW6544EX	650	445	32,5	585	380	6	630x425
OW2467EX	245	675	32,5	180	610	6	225x655
OW2480EX	245	800	32,5	180	735	6	225x780
OW8054EX	800	545	32,5	735	480	6	780x525
Version: UL standard. Nema 4x	Add "UL" to the reference. Ex "OW6544EXUL"						

Offering possibilities, manufacturing solutions

delvalle®



STAINLESS STEEL ENCLOSURES



OUTDOOR ENCLOSURES



EX ATEX ENCLOSURES



LED LIGHTING



INDUSTRIAL ENCLOSURES



CLIMATE CONTROL SOLUTIONS



ACCESSORIES

Consult us without obligation

Confidentiality, reliability & quality

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ALSO ONLINE



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Contact us, we will be available at any time.

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