



S6es-d Electrical substation **Aluminium door**

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Essential protection for critical infrastructure

The S6es-d substation door has been purpose-built for technical buildings and critical infrastructure facilities, meeting the most demanding security requirements in highly sensitive environments. Engineered to provide reliable protection against forced entry, ballistic attack, and explosions, the system delivers uncompromising security despite its slim profile design. In doing so, it makes a vital contribution to reducing risks associated with sabotage, vandalism, and terrorism.

At the same time, integrated ventilation grilles ensure continuous airflow, protecting heat-sensitive electronics from overheating and helping to maintain reliable operation at all times.



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Highlights

- Essential protection for highly sensitive buildings: The S6es-d substation door delivers maximum security for critical infrastructure facilities while also meeting the specific functional requirements of these demanding applications.
- Optimum protection with continuous ventilation: Integrated ventilation grilles are available in a range of configurations, ensuring permanent air circulation while also providing effective visual screening.
- Enhanced protection for external applications: Thanks to its slim aluminium profiles, the door system is ideally suited for long-term use both indoors and outdoors. In exterior applications in particular, it offers additional protection against deliberate sabotage, vandalism, and exposure to wind and rain.

Security features



Forced entry resistance

RC1 RC2 RC3 RC4 RC5 RC6
DIN EN 1627-1630



Bullet resistance

FB1 FB2 FB3 FB4 FB5 FB6 FB7
DIN EN 1522 + 1523



Explosion and shock wave

EXR1 EXR2 EXR3 EXR4 EXR5
DIN EN 13123-2 + 13124-2



Fire and smoke protection

EI15 EI20 EI30 EI45 EI60 EI90 EI120 EI180 EI240
Fire protection DIN EN 13501-2
S_a S₂₀₀
Smoke protection DIN EN 1643-1

Properties



Air permeability class 4



Wind load resistance class C5



Sound insulation up to R_w N/A



Mechanical durability class 7



Water tightness class E750



Sash dimension up to 1.865 × 2.885 mm (W x H)



Impact resistance class 5



Sash weight up to 400 kg



U_D-value N/A

Design examples



More Sälzer
security doors



Architectural sections
available upon request