



> Sliding fire protection doors

Product	The automatic sliding fire protection doors are available as single and double door systems in various sizes. When closed, these doors meet the fire protection regulations for A60 products according to SOLAS standards. They can be closed by a local alarm, by an alarm from the bridge or in emergencies when temperatures of over 70°C are measured.
Frame	The standard frame is welded and made of construction steel with red primer. The main variations are bolted frames and stainless steel versions.
Control function	The integrated software monitors the ambient temperature around the doors, their operating status and functional safety. The door system must continue to function even in the event of a power cut or if the ship rolls by up to 2.5°. The internal batteries are therefore monitored and kept recharged. The safety strip fitted to the closing edge is also monitored so that the door stops and re-opens if touched lightly while closing. After a few seconds the doors close again. When they are fully closed the system sends a "Door closed" signal to the bridge.
Control case	The control case is available as a fully-integrated (standard) or decoupled system. In the fully-integrated system the electronics, including the integrated software, batteries and power unit are all in the insulated control case. This system is mounted directly on the power rail. In the decoupled system the insulated power unit is outside the control case and mounted directly on the power rail.
Interfaces	The central power supply for the system comes directly from the ship's electricity supply. Alarms are processed from door switches, temperature gauges or from the bridge.
Services	Our services include the technical evaluation of requirements under emergency exit planning and SOLAS, product delivery and installation and worldwide after-sales service: supply of spare parts, maintenance and repair.
Contact	KAEFER Schiffsausbau GmbH, Germany



Automatic single sliding door when closing.

Automatic single sliding door in standby position.