



# Technical Fire Safety

## Technical Bulletin No 12

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## New British Standard for Automatic Door release Mechanism

BS 7273-4:2007 gives recommendations for:

- design
- installation
- commissioning
- maintenance

of electrical control arrangements for actuation of mechanisms that unlock, release or open doors in the event of fire. It applies to all aspects of the interface between these mechanisms and a fire detection and fire alarm system, including interfaces that incorporate acoustic coupling and radio transmission. It does not recommend whether the above mechanisms should, or should not, be used in any given premises, or in any particular circumstances.

The interface arrangements to which BS7273-4 applies include any such arrangements that are designed to release, in the event of fire, fire-resisting doors and shutters that are normally held in the open position, or to unlock doors that are normally locked, or to cause powered sliding doors to open. BS 7273-4 does not apply to electrically controlled systems that form part of a smoke venting system.

