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Geared cam limit switches from Stromag reliably switch off sequences of motion and restrict machines with independently and precisely adjustable cam discs. Electrical drives and winches for upper and lower machinery are equipped with redundant braking systems and the geared cam limit switches are used for the safe switching off in the point hoists of upper machinery or for precise position sensoring in spindle lifting devices in lower machinery. The unique Series 51, based on a planetary form-fit gear system, is particularly popular in the wide-ranging field of theatre technology, which demands the highest standards of safety as per DGUV V17.

Many other famous theatres, including La Bastille in Paris, the Oslo Opera House and the Royal Opera House in London, use this technology from Stromag to help ensure they can be confident about the safety of the stage, and the technology is also now being applied to television studios and other stage applications across the world.

GEARED CAM LIMIT SWITCHES FOR STAGE AND THEATRE TECHNOLOGY

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The form-fit Electromagnetic Spring-Applied Toothed Clutch EZX 0.1 has been developed specifically for use with stage hoisting gear and can be combined with all Stromag current geared cam limit switch series to fully meet all requirements of this special application.

- Internal and external centring of the input hub for direct flange-mounting of Controflex couplings as well as chains and/or toothed pulleys
- Large bearing distances for taking up high radial forces
- Form-fit crown gear closed by spring pressure and opened electromagnetically
- Backlash-free torque transmission via double diaphragm
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- In an open condition, the clutch acts as a brake for the geared cam limit switch. Accidental adjustment is prevented
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