



Decoupling of Power Distributors for Exit Lights

Usage

We are all familiar with the illuminated green emergency or exit signs that indicate the safest way out in the event of an emergency. It is particularly important that the power supply to these "life savers" remains undamaged in case of fire so that they are able to point the way for people even in dark and smoke-filled areas.

This is particularly important on ships: when building a large new ship in Scandinavia, a suitable solution for bearing the ABB power distributors for the power supply to the emergency exit lights was sought. The aim was to protect the sensitive electronic equipment on the ship from vibration to ensure it continues to work, even in an emergency. Constant vibration can take its toll on this type of equipment resulting in its complete failure. The only way to prevent this is effective vibration protection.

Foamed polyurethane material Sylomer® from Getzner was chosen for the job. Its lasting, stable material properties ensure high efficiency over its entire service life and guarantee the emergency lighting will continue to work in the event of an emergency.

Sylomer® FR materials are also available with IMO/MED certification. Its resistance to machine oil and salt water makes the material perfect for use in this environment.

Benefits and product features

- Highly effective protection against vibrations and shocks
- Durable elastic properties ensure long-lasting, effective protection
- Extends the service life of electronic equipment
- Resistant to oil and salt water
- Self-adhesive equipment for easy mounting

Application areas

- Decoupling of sensitive electronic equipment
- Cabin and floor decoupling in ships
- Bearing of motors, generators, air-conditioning plant, etc.
- Battery bearings