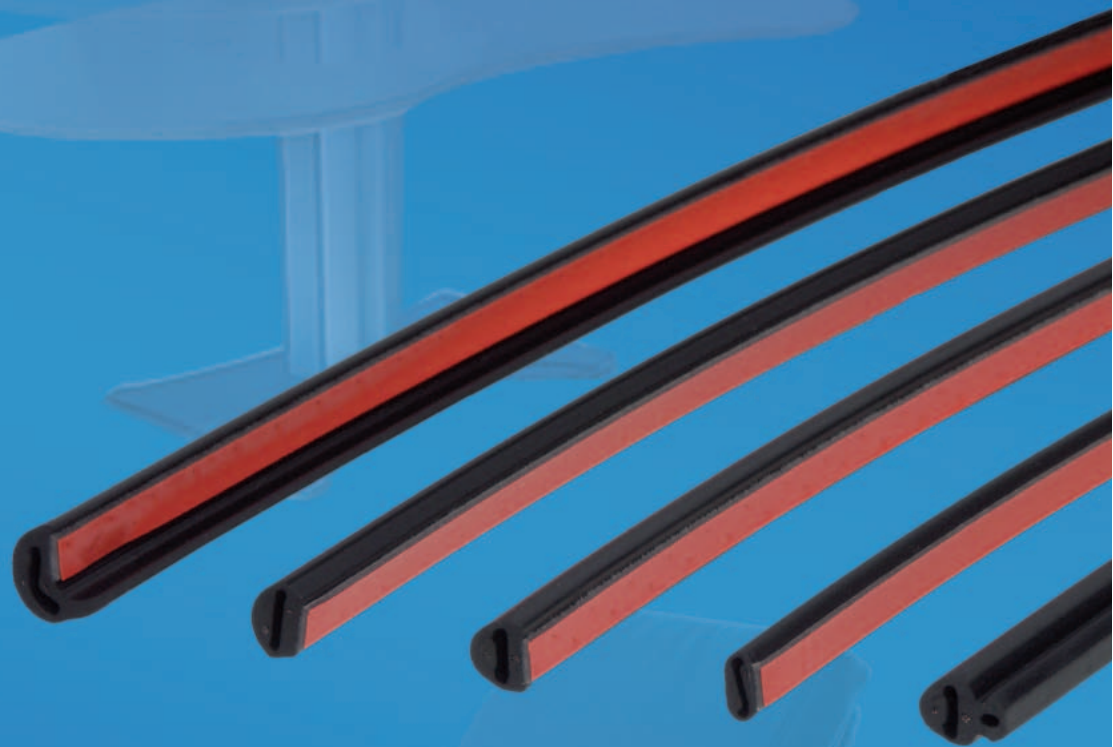
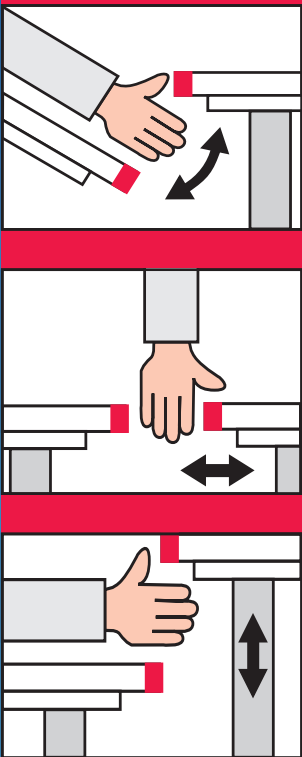


MAYSER®
Polymer Electric

Miniature Safety Edges Safety and Convenience for innovative furniture



- safe
- convenient
- reliable

Mayser Miniature Safety Safety and Convenience

Protection of nipping and trapping points at the workplace, at home and at care centres.

- height-adjustable office workstations
- convenient adjustment of seating furniture
- automatic shelving systems
- electrically operated hospital and folding beds
- retractable television cabinets
- retractable screens
- height-adjustable washbasins and toilets
- power-operated kitchen units
- power-operated blackboards

In motion: higher demands on convenience and safety are clearing the way for power operated components in modern furniture.

Safety:

The advantages are obvious: office workstations can be conveniently adjusted for height or position. The seating position of armchairs and chairs changes at the push of a button.



Photo 1



Photo 2

Within the field of barrier-free living, kitchen units adapt easily to the needs of the physically disadvantaged.

All power-operated movements can, however lead to injuries or severe property damage.

To prevent this happening, we developed the Mayser Obstacle Detection System.

An electric Miniature Safety Edge at the point of danger reacts to the slight



Photo 3

test pressure and causes the motor of the moving element to come to an immediate halt.



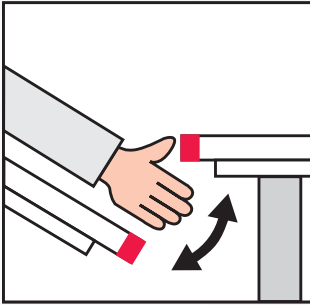
Photo 4

Convenience:

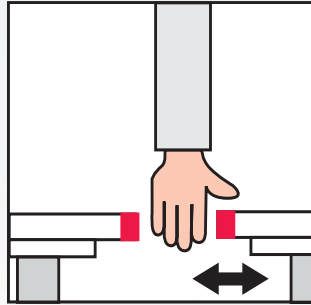
The benefit of the Mayser Miniature Safety Edge goes beyond the question of safety: It can also be used as an elegant convenience switch. For example, counted along the entire length of the kitchen worktop it serves as a continuous switch that can be actuated from any point to operate the worktop lighting.

Be it Obstacle Detection or a Convenience Switch: Mayser Miniature Safety Edges provide a maximum of safety and quality-of-life for future furniture technology.

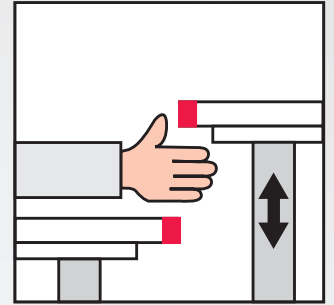
Safety Edges: Solution for innovative furniture



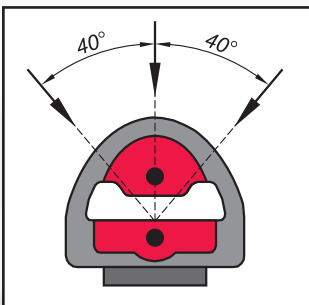
Safeguarding axial nipping points



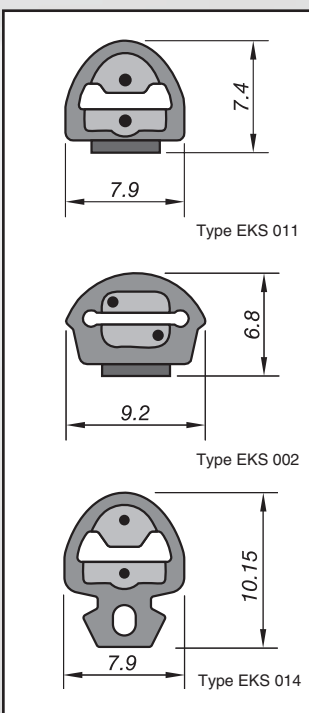
Safeguarding trapping points



Safeguarding tangential nipping points



- The working principle of the Miniature Safety Edge is simple. If a small amount of pressure is applied to it, the two conductive surfaces (highlighted in red), held apart from each other, are short-circuited. In turn, a signal is transmitted to the connected evaluation electronics.



- The Safety Edge works principle of the closed circuit current and is therefore reliable. Damage to the sensor is recognized and the danger movement is brought to a halt.
- In addition to the three standard types shown, customized profiles can also be produced.
- The Miniature Safety Edge is in its element wherever only very small travel distances are possible.
- Thanks to its small dimensions (see on the left) the Miniature Safety Edge can be easily integrated into its surroundings.

Dimensions given in mm

